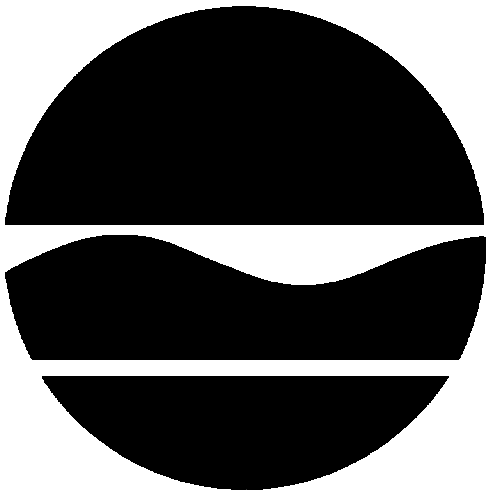
SITE CHARACTERIZATION INVESTIGATION

PennEmpire Transportation Site

Celeron, New York
Site No. 907034

September 2009



Prepared by:

Division of Environmental Remediation
New York State Department of Environmental Conservation

The following summary report provides an overview of the site characterization investigation completed for the Penn Empire Transportation site, including general site background information, a summary of work performed, presentation of results, conclusions and redevelopment considerations.

Field work was completed by Empire GeoServices, Inc. between July 2008 and July 2009 under the oversight of the New York State Department of Environmental Conservation. Specific detailed information regarding the investigation is included in the report titled 'Subsurface Investigation and Site Activity Report' prepared by Empire GeoServices, Inc. dated July 9, 2009,which is provided on disc at the end of this report.

Prepared by:

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SUMMARY REPORT
TABLE OF CONTENTS

1.0 INTRODUCTION

The New York State Department of Environmental Conservation (hereafter referred to as the 'NYSDEC') is the recipient of an United Stated Environmental Protection Agency Targeted Site Assessment Grant. The grant provides funding for environmental investigation of brownfield sites with the goal of helping to return the sites to productive use. At the request of the Chautauqua County Department of Public Utilities, grant funds were utilized to complete a site characterization investigation at the Penn Empire Transportation site located at 100 E. Livingston Avenue in the Village of Celoron, Town of Ellicott. The investigation assessed environmental impacts associated with use of the site as a tractor trailer transportation and distribution terminal.

On January 7, 2008, the Chautauqua County Court issued an 'Order Granting Temporary Incidence of Ownership Pursuant to ECL 56-0508' to Chautauqua County. The order allowed the County to temporarily foreclose on the property due to delinquent property taxes and allowed the NYSDEC to complete this site characterization investigation utilizing EPA grant funds. Pending the results of this site characterization assessment, the County can elect to continue foreclosure proceedings or return the property to the current owner.

2.0 SITE BACKGROUND

The Penn Empire Transportation site operated as a tractor trailer transportation and distribution terminal for approximately 20 years prior to abandonment of the site in 2001. The site is located in Chautauqua County, New York at 100 East Livingston Avenue in the Village of Celoron near the south eastern tip of Chautauqua Lake. The site consists of two tax parcels (SBL# 204-1-1.1 and 204-2-1) totaling approximately 9.3 acres. The site is located in an area of mixed residential and commercial properties. The site is bordered on the north by railroad tracks, to the south/southwest by E. Livingston Ave and to the east by the Celoron Rod and Gun Club. Site topography generally slopes south to north toward chautauqua lake. The central portion of the site has been leveled with sand and gravel fill. A site location map is provided as Figure 1 at the end of this summary report.

Site features include (2) metal sided buildings (an (8) bay building formerly utilized as an office and distribution warehouse and a (2) bay truck maintenance building), 20 abandoned semi trailers, hundreds of discarded tires, (1) 10,000 gallon above ground petroleum storage tank and numerous discarded truck parts and other rubbish. Multiple empty and partially full 55-gallon drums were also discarded on the property, including numerous empty gallon and quart containers. An aerial picture of the site is included as Figure 2 at the end of this summary report.

The NYSDEC is not aware of any comprehensive environmental investigation previously completed at the site. The potential liability associated with suspected petroleum contamination, and possibly other chemical contamination, is severely limiting the sites development potential.

This brownfield site characterization investigation identifies environmental impacts associated with past operations to aide in the assessment of potential environmental liability.

3.0 SUMMARY OF WORK COMPLETED

Site Inspection

The site was visually inspected to identify potential Areas of Concern (AOC). Potential AOC identified include 20 abandoned tractor trailers (including contents), drums containing liquid waste located inside the maintenance building, a 'drum disposal area' consisting of multiple empty and partially full drums scattered on the ground behind the maintenance building, a 10,000 gallon above ground storage tank (diesel fuel) and maintenance building floor drains. Also, a 550 gallon above ground heating oil storage tank with an estimated 250 gallons of oil is located inside the maintenance building. The heating oil storage tank was in good condition with little evidence of spillage, therefore, the tank and heating oil was left in place. Finally, the eastern property boundary abuts the Celoron Rod and Gun Club which is an active shooting range. Therefore, potential lead contamination was investigated along the eastern property boundary.

Abandoned Tractor Trailer Inventory

Empire GeoServices, Inc. inventoried the contents of the 20 abandoned tractor trailers that currently exist on-site. The purpose of the inventory was to determine if the contents of the trailers posed a significant environmental threat and determine the nature of solid waste contained in the trailers. In general the trailers contained solid waste including used tires, wood (pallets, furniture, crates), paint cans and miscellaneous debris which do present an immediate environmental concern. A list of materials contained in each trailer is presented in Section VI of the Empire GeoServices Report included on disc at the end of this Summary Report.

Drum Removal

Numerous empty, partially full and full 55-gallon drums containing waste oil, antifreeze and solvents were located inside the maintenance building. Empty and partially full drums containing what appeared to be rainwater mixed with residual oil were scattered on the ground north of the maintenance building in the 'drum disposal area'. The condition of the drums ranged from poor to good.

The presence of the drummed waste was considered to be a significant environmental concern and therefore, all drums were staged inside the maintenance building, categorized by

waste type (i.e. empty drums, waste oil, oil water mixture; oil water mixture with solvent odors and solvent), consolidated, sampled, over packed if necessary and disposed. On February 19, 2009, approximately 740 gallons of drummed liquid waste were removed from the site by Tonawanda Tank Transport. Smaller containers of chemicals located within the maintenance shop were not disposed as part of the investigation. A list of waste type contained in each drum is presented in Section VI of the Empire GeoServices report. Laboratory sheets for samples of liquid waste collected from drums is included in Attachment D of the Empire GeoServices report.

10,000 Gallon Above Ground Storage Tank Inspection

The 10,000 gallon steel above ground diesel fuel storage tank and associated secondary containment structure, pump dispenser and concrete load out pad were inspected for signs of spillage/leakage and disrepair. The tank and secondary containment structure appeared to be in good condition with no visible sign of leakage. The pump dispenser is not functional and the concrete load out pad was in good condition. The drain for the pad includes a double contained PVC pipe which flows down hill into the secondary containment structure around the tank. The drain pipe is broken and lying on the ground where it entered the secondary containment structure. No visible signs of contamination were observed in the vicinity of the tank or loadout pad. Approximately 9-inches of fluid remain in the bottom of the tank including 5-inches of an oily sludge and 4-inches of water. This fluid was NOT removed from the tank.

Maintenance Building Floor Drains

The maintenance building included (2) 10 to 15 foot long ‘zipper’ drains stained with oil and one circular drain, which at the time of inspection, was stuffed with rags and covered with floor sweepings. The circular drain discharges through a 4-inch PVC pipe which exists the south west corner of the building. Based on limited excavation, it is believed the pipe eventually ties into a sanitary manhole just beyond the northeast corner of the property, south of the railroad tracks. The southern most‘zipper’ drain appears to tie into the northern ‘zipper’ drain. The discharge point for these drains was not confirmed.

Drum Disposal Area

Surface soil staining was identified in and around the ‘drum disposal area’ located on the ground north of the maintenance building. The staining appeared very surficial as the staining was no longer visible following minor scratching of the surface soils. Surface and subsurface soil in this area were further investigated during the subsurface investigation. All drums were removed during the drum removal work.

Subsurface Investigation

The subsurface investigation completed by Empire GeoServices included (16) direct push borings, (5) augered borings, (20) test pits and the installation of (3) groundwater monitoring wells. The location of borings and test pits were chosen based upon suspected areas of concern, as well as randomly distributed across the site. Limited subsurface investigation was completed west of the warehouse building since this area is essentially a gravel parking area with no sign of significant contamination. A survey drawing identifying the location of borings, test pits, monitoring wells and surface sampling locations is provided in the Empire GeoServices' report included on disc at the end of this Summary Report. For convenience, a hard copy of the survey drawing has been included at the end this summary report.

Subsurface soils were sampled continuously using a Photo Ionization Detector (PID) to screen for the presence of Volatile Organic Compounds (VOCs). Discrete grab soil samples were collected for laboratory analysis based upon observed areas of concern, as well as randomly distributed across the site. A total of (6) subsurface and (11) surface samples were submitted for laboratory testing. Specific contaminant analysis included (5) samples for Target Compound List (TCL) Volatile Organic Compounds (VOCs), (7) samples for TCL Semi-Volatile Organic Compounds (SVOCs), (6) samples for Total Analyte List (TAL) metals, (5) samples for Resource Conservation and Recovery Act (RCRA) eight metals, (4) samples for lead only and (3) samples for Poly Chlorinated Biphenyls (PCBs).

Five augered borings were completed at the site in an attempt to install four monitoring wells to assess groundwater quality up gradient and down gradient of the site and to determine groundwater flow direction. Two borings installed at the presumed up gradient end of the site (i.e. south end) were dry to auger refusal at 28 and 32.5 feet below ground surface (bgs). Therefore, no wells were installed in these borings. Three wells were installed in borings near the presumed down gradient location of the site, however, only MW-2 and MW-4 produced sufficient water to develop and sample the wells. No additional wells were installed due to limited soil contamination found on site and lack of water in the overburden soil.

4.0 INVESTIGATION RESULTS

Soil Screening

Subsurface conditions typically encountered at the site consisted of 0 to 18 feet of sand fill overlying native sands and gravel. The northern and eastern extent of the fill material are identified by an abrupt break in grade between the maintenance build and the northern and eastern property boundary. The fill tapers off to the west toward the distribution building and ties into the road to the south. Bedrock was believed to be encountered (as determined by auger refusal) in several borings at 28 to 32.5 feet bgs.

In general, minimal contamination was identified visually, or by odor, at the locations of the borings and test pits. A slight diesel odor was noted in TP-19 which was located at the western end of the 10,000 gallon diesel fuel storage tank. No staining or other indication of contamination was noted (VOC and SVOC analytical results @ TP-19 were well below unrestricted use soil criteria). Also, debris (wood fragments, glass, plastic bottles, wire) was encountered at 10 to 13 feet bgs in TP-5. The debris was distributed within the sand fill material and did not appear to be associate with significant dumping of solid waste. Although some debris was encountered in TP-6 and TP-7, both located immediately adjacent to TP-5, no other significant subsurface waste was encountered on-site (VOC, SVOC, metals and PCB analytical results at TP-5 (11' bgs) did not identify chemical contamination in the soil).

PID measurements collected continuously from boring samples, and randomly in each test pit, were at or slightly above background concentrations. This indicates little or no VOC contamination in screened soils.

Boring, test pit and monitoring well installation logs documenting soil lithology and PID test results are included in Attachments B and D of the Empire GeoServices' report included on disc at the end of this Summary Report.

Analytical Data - Soil

The analytical data compiled on soil samples collected from the site were compared to the site use Soil Cleanup Objectives (SCOs) contained in 6 NYCRR Part 375 regulations. This comparison was made to provide a point of reference relative to the level of contamination existing on-site. It must be understood that these SCOs apply to sites participating in a specific NYSDEC remedial program which require additional protections and controls (i.e. environmental easements, site management plans, etc) that do not apply to this site, and therefore, comparison is for reference only. The analytical data collected at the site is summarized and compared to 'unrestricted SCOs' and 'commercial use SCOs' in Tables 1 through 4 in the Appendices of the Empire GeoServices' report. For convenience, hard copies of the analytical data summary tables are also attached at the end of this Summary Report. Laboratory data sheets for soil samples are included in Attachment D of the Empire GeoServices report.

VOCs were analyzed on (5) subsurface samples collected on-site in the location of the debris encountered at TP-5 (TP-5 and B-16), below the 'drum disposal' area (TP-12), the soil with diesel fuel odor adjacent to the storage tank (TP-19) and in an area of slightly varying sand fill characteristics (TP-11). 2-Butanone (also known as methyl ethyl ketone), acetone and methylene chloride were the only VOCs detected. No VOC exceeded commercial use SCOs. Acetone slightly exceeded the unrestricted use SCO of 50 ppb at TP-5 (60 ppb) and B-16 (67 ppb). No other VOC compound exceeded the unrestricted use SCOs.

SVOCs were analyzed on (5) subsurface samples and (2) surface samples. The locations of the (5) subsurface samples corresponded to the location of the debris encountered at TP-5 (TP-5 and B-16), soil with diesel fuel odor adjacent to storage tank (TP-19) and in two areas of slightly varying sand fill characteristics (TP-11, TP-8). Surface samples were collected from the 'drum disposal' area (SS-4(TP-12)) and randomly from SS-1(TP-5). SVOCs were detected at TP-5, B-16 and SS-4(TP-12), however, all concentrations were below the unrestricted use SCOs. TP-11 was the only sample which had compounds that exceeded the unrestricted SCOs for the following compounds: benzo(a)pyrene (SCO 1,000 ppb; Estimated Concentration 1,500 ppb), benzo(a)pyrene (SCO 1,000 ppb, Est. Conc. 1,600 ppb), Benzo(b)fluoranthene (SCO 1,000 ppb; Est. Conc. 1,800 ppb), Chrysene (SCO1,000 ppb; Est. Conc. 1,400 ppb) and Indeno(1,2,3-cd)pyrene (SCO 500 ppb; Est. Conc. 1,000 ppb). Benzo(a)pyrene was the only compound to also exceed the commercial use SCO at TP-11 (SCO 1,000 ppb; Est. Conc. 1,600 ppb).

PCBs were analyzed on (2) subsurface samples and (1) surface sample. Both subsurface samples were collected from the debris area encountered at TP-5 (TP-5 and B-16). The surface sample was collected from the 'drum disposal' area (SS-4(TP-12)). No PCBs were detected in TP-5 or SS-4(TP-12). PCBs detected at B-16 include Aroclor 1248 (5.8 ppb) and Aroclor 1254 (12 ppb) which fall below the unrestricted SCO of 100 ppb for total PCBs. It should be noted that no PCB compounds were detected in any of the liquid waste samples collected from drums.

Total Analyte List (TAL) metals were analyzed on (4) subsurface samples collected from the location of the debris encountered at TP-5 (TP-5 and B-16) and from two areas of slightly varying sand fill characteristics (TP-11, TP-8). Metals exceeding the unrestricted use SCOs were detected at TP-11 only, including arsenic (SCO 13 ppm; Conc. 14.2 ppm), lead (SCO 63 ppm; Conc. 293 ppm) and zinc (SCO 109 ppm; Conc. 243 ppm). No subsurface metal samples exceeded the commercial use SCOs.

TAL metals were analyzed in (2) surface samples including the 'drum disposal' area (SS-4(TP-12)) and randomly from SS-1(TP-5). Mercury is the only contaminant that slightly exceeded the unrestricted use SCO of 0.18 ppm at SS-1(TP-5) (Conc. 0.20 ppm). No metals exceeded the unrestricted use SCOs at SS-4(TP-12).

RCRA (8) metals were analyzed in (5) surface samples collected from SS-4, SS-5, SS-6, SS-7 and SS-8. Lead only was analyzed in (4) surface sample locations including SS-2, SS-3, SS-9 and SS-10. All (9) of these surface samples were located at or near the eastern property boundary to assess potential metals contamination due to the proximity of the adjacent shooting range. SS-4 was collected as a background sample east of the sand fill grade break but slightly west of eastern property boundary near the road where impacts from the shoot range were expected to be minimal. SS-4 was the only sample in the proximity of the eastern property boundary that did not exceed unrestricted use SCOs for lead. The unrestricted SCO for lead (63 ppm) was exceeded at SS-6 (939 ppm), SS-7 (707 ppm), SS-8 (105 ppm) and SS-10 (770 ppm). SS-6 also slightly exceeded the unrestricted SCO for arsenic (SCO 13 ppm, Conc. 13.1 ppm). The commercial SCO for lead (1,000 ppm) was exceeded at SS-2 (3,140 ppm), SS-3 (9,260 ppm), SS-5 (2,230 ppm) and SS-9 (3,100 ppm). SS-5 also exceed the commercial SCOs for

arsenic (SCO 16 ppm, Conc. 17 ppm), Barium (SCO 400 ppm, Conc. 547 ppm) and the unrestricted SCO for mercury (SCO 0.18 ppm, Conc. 1.5 ppm).

Analytical Data - Groundwater

Two groundwater monitoring wells (MW-2 and MW-4) were sampled on January 27, 2009 as part of the investigation. As previously discussed, additional attempts were made to install and sample overburden wells, however, insufficient water was encountered. On June 1, 2009, the Department resampled MW-2 for pesticides after it was determined the original analysis was not performed in accordance with accepted protocols. Laboratory data sheets for groundwater samples collected at the site are provided in Attachment D of the Empire GeoServices' report. Laboratory data sheets for the pesticide resample at MW-2 is included at the end of this summary report. The resampling was completed by the Department outside the scope of Empire Geoservices' work at the site.

MW-2 and MW-4 are located in the northeast portion of the site, presumably hydraulically down gradient (based upon site topography) of the drum disposal area and abandoned tractor trailer area. MW-2 was positioned as close to the eastern property boundary as access would allow in an attempt to intercept groundwater down gradient of the neighboring shooting range and lead contaminated soil.

MW-2 and MW-4 were sampled for VOCs, SVOCs, metals, PCBs and pesticides/herbicides. Groundwater concentrations were compared to the NYSDEC Division of Technical and Operational Guidance Series (1.1.1) 'Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations' for groundwater used as a drinking water supply. It should be noted that a municipal water supply provides potable water to the area.

All VOC, herbicide and PCB compounds were non-detect in both MW-2 and MW-4. Bis(2-ethylhexyl) phthalate was the only SVOC detected in MW-2 (5.8 ppb) and MW-4 (9.9 ppb). These concentrations slightly exceed the water quality standard of 5 ppb. Pesticides were non detect in MW-4. Heptachlor epoxide was the only pesticide detected in the MW-2 pesticide resample at a concentration (0.027 ppb) less than the state drinking water standard (0.03 ppb).

Multiple metals were detected in both wells, as is typical for groundwater. Sodium is the only metal which exceeded the water quality standard of 20 ppm in MW-2 (42 ppm) and MW-4 (70.3 ppm).

5.0 CONCLUSIONS

The following conclusions were drawn from the site characterization investigation completed at the Penn Empire Transportation Site.

- The site is currently inactive. Substantial solid waste has been abandoned outside of the buildings including approximately 20 abandoned tractor trailers and their contents, numerous tires, railroad ties, truck parts, etc. These materials must be managed according to local and state laws.

- Bulk quantities of liquid waste contained in drums, including waste oil, solvents, antifreeze, etc, have been removed from the site. Smaller containers of chemicals commonly used in automotive maintenance remain inside the maintenance building. Additional solid waste exists in the maintenance building.

- An estimated 250 gallons of heating oil remains in an above ground tank located in the maintenance building. Approximately 9-inches of sludge and water remains inside the 10,000 gallon above ground storage tank located near the south end of the site. Both tanks appear to be in good condition.

- A circular floor drain and two 'zipper drains' inside the maintenance building appear to be tied into a sanitary manhole just off the north east corner of the property. This connection must be verified to be in conformance with municipal and state laws.

- Buried debris (wood fragments, glass, plastic bottles, wire, etc) was encountered in TP-5, 10 to 13 feet bgs. The debris was scattered within the sand fill material and localized to a small area. The limited quantity of this material is not expected to be an environmental concern. No significant chemical contamination was documented in soil samples collected from this area.

- No grossly contaminated soil was observed during the subsurface investigation. Minor surface staining is visible on the ground in discrete locations especially were drums were placed outside. Surface soil samples in these areas did not identify significant chemical contamination.

- Analytical data identified limited chemical contamination of surface and subsurface soils in the central and western portions of the site, west of the sand fill grade break. Elevated concentrations of several SVOCs and slightly elevated concentrations of arsenic and lead were detected at TP-11, 5 feet bgs. These elevated compounds may be present due to slightly vary fill at this location including the presence of trace concrete and brick fragments, as well as some organic material. Low concentrations of acetone were detected in TP-5 and B-16 which are located in very close proximity to each other. No PCBs were detected.

- Analytical data identified significant lead contamination in surface soils near the eastern property boundary, east of the sand fill grade break. The maximum concentration of lead in surface soils was 9,260 ppm. It is possible the elevated lead in this area may be associated with the neighboring rod and gun club shooting range.

- Limited groundwater sampling occurred on-site due to the lack of overburden groundwater and limited soil contamination. Two wells were sampled at the north eastern portion of the site. The pesticide, heptachlor epoxide was9 detected in MW-2 below drinking water standards. Bis(2-ethylhexyl) phthalate was the only SVOC detected and concentrations slightly exceeded drinking water standards in both wells. Sodium is the only metal that exceeded the drink water standard in both MW-2 and MW-4.

6.0 REDEVELOPMENT CONSIDERATIONS

The United Stated Environmental Protection Agency Targeted Site Assessment Grant is available to aide in assessment of potential environmental liability on brownfield sites, with the goal of promoting redevelopment of the property. The following provides a discussion of existing environmental impacts on the Penn Empire Transportation site and how these impacts relate to redevelopment of the property.

The most obvious environmental concern on the property is the quantity of solid waste that has been discarding outside of the two existing buildings. Approximately 20 tractor trailers filled with tires, office furniture, wood and general trash have been abandoned on the property. In addition, piles of tires, railroad ties and truck parts are scattered on the ground. The current condition of the site is in violation of solid waste regulations and this debris must be properly reused, recycled or disposed in accordance with local and state laws.

Minimal chemical contamination of surface and/or subsurface soil on the central and western portion of the site was identified during the investigation. Although several discrete areas of soil containing elevated concentrations of contaminants were identified in the central and western portion of the site, these concentrations were typically low. The elevated concentrations in these areas appear to have originated from variability within the sand fill material (presence of organic material, concrete/brick fragments, subsurface debris) previously brought on-site rather than contamination from use of the site as a truck maintenance and distribution terminal.

Elevated concentrations of lead in surface soils were detected along the eastern property boundary adjacent to the abutting shooting range property. It would be prudent to delineate the extent of lead contamination on the property and either remove or adequately cover the impacted

soils. Measures to prevent recontamination of the property should be implemented.

Redevelopment of the property for commercial use may be reasonable and readily achievable provided existing solid waste is properly managed and lead contaminated soils along the eastern property boundary are properly remediated. In addition, it is recommend that the floor drain connection from the maintenance building to the manhole northeast of the property is verified to be in conformance with local and state laws.

FIGURES

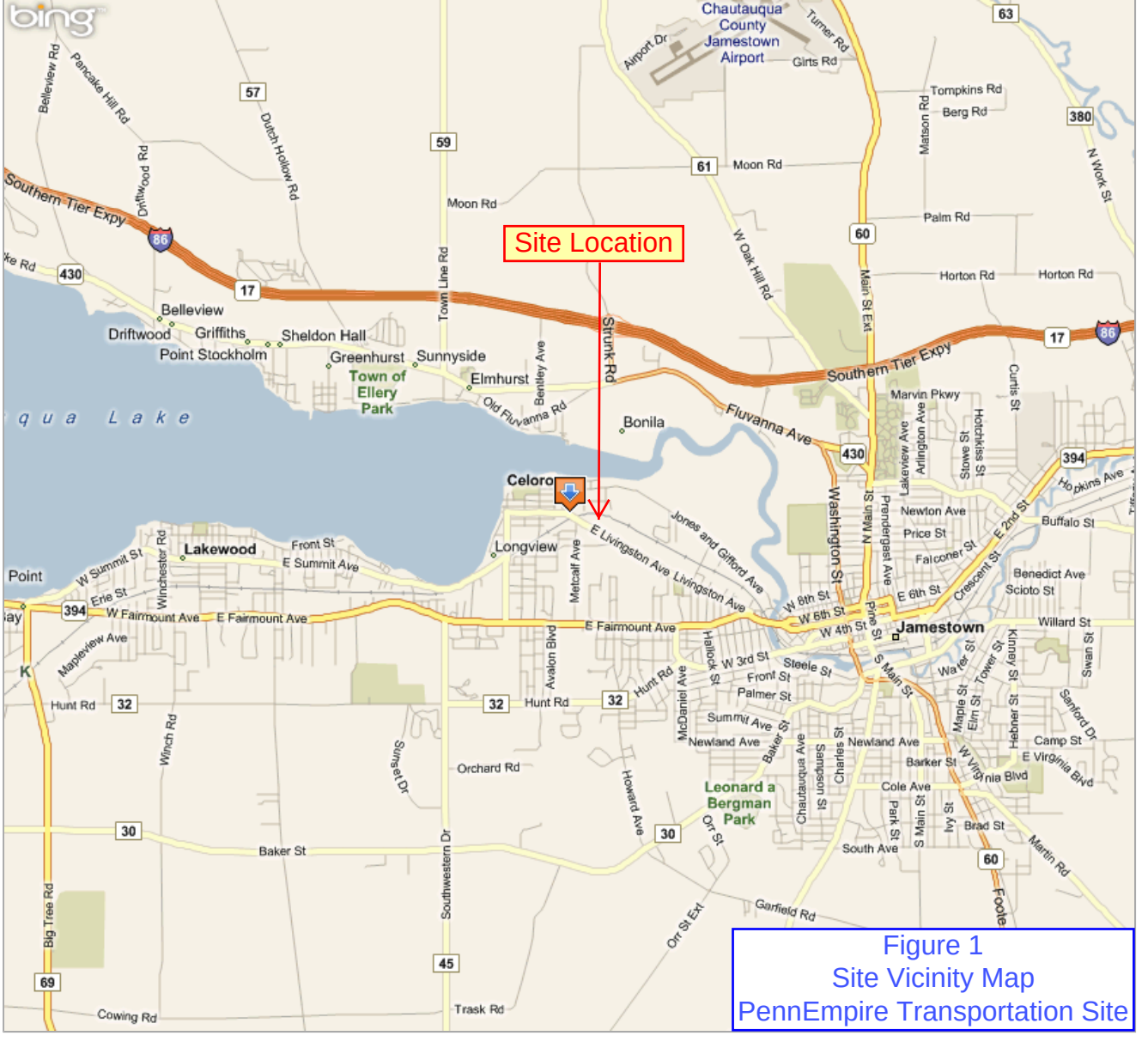

Figure 1
Site Vicinity Map
PennEmpire Transportation Site

Figure 2: PennTransportation Aerial Map

Site Survey Drawing

Per the New York State Education Law, Article 145, Section 7209, it is a violation of law for any person, unless he is acting under the direction of a NYS Licensed Land Surveyor, to alter any item on this document in anyway. If any item on this document is altered in any way, the altering NYS Licensed Land Surveyor must affix his seal and the notation "altered by", followed by his signature, the date of the alteration, and a specific description of the alteration.

NOTE: railroad boundary lines re-established from C.E. Bentley map and Erie Railroad Company Valuation Maps V-32A-NY-29 &30

50' 0 50' 100'

N W E S

Astronomic from Solar Observations

N 87°40'01" E Chord=1210.05' Radius=1910.10' Arc Length=1231.26' Delta=36°55'59"

Concrete Railroad Mile Marker #36 Sta. 1903+46.5

original RR centerline per C.E.B. records

existing centerline of RR tracks

only one set of tracks

Chautauqua, Cattaraugus, Allegany, and Steuben Southern Tier Extension Railroad Authority Liber 2462, page 247, Rec. 2/28/2001

existing centerline of RR tracks

S 85°13'55" E Chord=763.54' Radius=1840.08' Arc Length=769.13' Delta=23°56'56"

See: Liber 308, page 421 Recorded January 11, 1904

original RR centerline per C.E.B. records

S 68°10'35" E Chord=378.76' Radius=1910.10' Arc Length=379.38' Delta=11°22'48"

N 75°16'08" E Chord=205.74' Radius=1850.08' Arc Length=205.85' Delta=6°22'30"

south bounds of Railroad

N 84°43'05" E 140.00'

B-8 1339.2

1 story metal building

B-5 1345.3

top of PVC pipe 1349.3

MW-5 1346.8

B-4 1349.3

concrete loading dock

gravel drive

S 1°43'20" W 202.81' to centerline

N 71°24'08" E 43.87'

N 59°48'34" W 78.08'

BPU 52307

N 59°48'33" W 271.25'

BPU 52317

BPU 52310

N 59°48'33" W 242.15'

BPU 52319

WATER WELL

electric meter

BPU 52321

BPU 52315

N 59°48'33" W 159.40'

N 1°48'45" E 37.34'

spike

Metcalf Avenue

above ground 10,000 gallon tank storage area

B-7 1343.9

TP-19 1344.1

TP-20 1346.4

B-6 1351.1

electric box

PVC STANDPIPE 6 BPU 52326

fuel pump

concrete pad

TP-17 1352.9

TP-18 1352.9

northwesterly street line

northerly edge of pavement

original centerline

southerly edge of pavement

centerline of a 9' wide gravel drive

N 60°09'27" W 380.20'

N 60°09'27" W 380.23'

N 60°09'27" W 380.14'

BPU 52320

BPU 52325

N 1°48'45" E 140.00'

N 1°20'46" E 42.83'

south highway boundary

BPU 52327

4" PVC clean-out

TP-15 1353.7

B-11 1353.4

concrete pad

B-12 1353.0

TP-14 1353.5

1 story metal building

electric meter

TP-1 1354.1

B-14 1354.2

TP-2 1354.2

concrete pad

B-13 1353.9

gravel drive

9.32 Acres

BPU 52331

MW-1 1356.1

TP-3 1355.0

B-15 1354.8

MW-3 1356.3

BPU 52330

N 60°12'38" W 377.19'

BPU 52335

N 60°12'38" W 656.98'

BPU 52340

N 60°12'38" W 638.51'

BPU 52345

centerline of a 9' wide gravel drive

B-3 1352.9

B-2 1353.3

B-1 1353.3

(SS-4) TP-12 1353.4

TP-13 1353.3

4" PVC clean-out

top of PVC pipe 1353.5

MW-4 1351.1

TP-16 1349.8

B-10 1352.3

4" PVC clean-out

TP-10 1352.8

TP-11 1352.8

TP-6 1353.5

B-16 1354.1

(SS-1) TP-5 1354.2

TP-7 1354.7

TP-9 1353.8

TP-4 1354.2

TP-8 1353.7

Penn Empire Transport, Inc. Liber 2243, page 577 Rec. 3/4/1991 Liber 2221, page 302 Rec. 5/09/1990

See also: Liber 1899, page 251, Rec. 6/12/1981 Liber 1459, page 163, Rec. 7/11/1973 Liber 1410, page 256, Rec. 9/20/1971 Liber 1365, page 558, Rec. 9/18/1969 Liber 1032, page 5, Rec. 9/22/1955

SS-4 1361.0

SS-6 1356.1

SS-5 1359.7

top of PVC pipe 1345.7

MW-2 1343.5

B-9 1347.1

4" PVC clean-out

SS-8 1335.5

SS-9 1338.7

SS-10 1349.1

SS-7 1332.5

SS-3 1340.0

SS-2 1351.7

S 0°33'06" W 41.54'

N 0°33'07" E 31.26'

2" iron pipe

sanitary manhole

sanitary sewer-source unknown

S 67°59'55" E Chord=359.72' Radius=1870.08' Arc Length=360.28' Delta=11°02'16"

pC

S 27°30'47" W 40.02'

2" iron pipe

sanitary manhole

S 62°29'11" E 759.32' to a found 2" iron pipe

See Map of the G.W. Gifford Farm and James I. Fowler made by Bentley & Harrington Surveyors Dated: July 9, 1921 and filed in C.E. Bentley's records in the City Hall of Jamestown, NY in Drawer 1, Section E, Map No. 21

blazed and painted property line orange September 23, 2008

Reputed owner: Celoron Rod and Gun Club, Inc. Liber 1113, page 255 Rec. 10/17/1958

S 0°33'05" W 629.95'

S 0°33'05" W 37.82'

found 1/2" rebar

to radius

LEGEND

- *Found Iron Stake*
- *Set 3/4" Rebar with Cap*
- *W-beam guide rail*
- *Wood Utility Pole with Overhead Wires*
- *light pole*
- *Monitoring Well*
- *Test Pit*
- *Soil Sampling Site*

Plat of a survey for

Empire Geoservices, Inc.

100 East Livingston Avenue, Village of Celoron,
County of Chautauqua, State of New York
Part of Lot 50, Town 2, Range 11 of the
Holland Land Company's Survey

Daniel L. Barry Land Surveyor LLC

Licensed in New York and Pennsylvania
1959 Big Tree Road
Lakewood, NY 14750-9759
Phone: 716-763-1254
Facsimile: 716-763-0915

Dated: September 23, 2008 Job No, 3289-08
Revised: February 9, 2009, borings, monitoring wells & sampling sites located
Revised: June 23, 2009 to show SS-1, SS-4, SS-5

Note: the date shown on this plat is the date of the completion of the field survey work. This map is void if used with an affidavit of no change. This survey was prepared without the benefit of an abstract of title. Reproduction or copying of this document may be a violation of copyright law unless permission of the author and/or copyright holder is obtained.

Analytical Data Summary Tables

TABLE 1
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

		6 NYCRR PART 375		LOCATIONS				
Analyte	**Units**	**Unrestricted Use SCOs**	**Commercial RUSCOs**	**TP-5 @ 11'**	**TP-11 @ 5'**	**TP-12 @ 4'**	**TP-19 @ 3.5'**	**B-16**
2-Butanone	ug/kg	120	500,000	13 (J)	ND	ND	ND	10 (J)
Acetone	ug/kg	50	500,000	**60**	20 (J)	ND	5 (J)	**67 (B)**
Methylene Chloride	ug/kg	50	500,000	4 (J)	19	2 (J)	6	14 (B)

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
NE- Not established.
(J)- Estimated value.
(B)- Analyte found in associated blank.
ND- Analyte analyzed for, but not detected in sample.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commercial usage.

TABLE 2
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

		6 NYCRR PART 375		LOCATIONS						
Analyte	**Units**	**Unrestricted Use**	**Commerical RUSCOs**	**TP-5 @ 11'**	**TP-11 @ 5'**	**TP-8 @ 2'**	**TP-19 @ 3.5'**	**B-16**	**SS-1 (TP-5)**	**SS-4 (TP-12)**
Anthracene	ug/kg	100,000	500,000	ND	380 (J)	ND	ND	49 (J)	ND	ND
Benzo(a)anthracene	ug/kg	1,000	5,600	550 (J)	**1,500 (J)**	ND	ND	220 (J)	ND	360 (J)
Benzo(a)pyrene	ug/kg	1,000	1,000	320 (J)	**1,600 (J)**	ND	ND	180 (J)	ND	260 (J)
Benzo(b)fluoranthene	ug/kg	1,000	5,600	380 (J)	**1,800 (J)**	ND	ND	210 (J)	ND	240 (J)
Benzo(ghi)perylene	ug/kg	100,000	500,000	ND	1,200 (J)	ND	ND	120 (J)	ND	ND
Benzo(k)fluoranthene	ug/kg	800	56,000	190 (J)	770 (J)	ND	ND	110 (J)	ND	190 (J)
Chrysene	ug/kg	1,000	56,000	350 (J)	**1,400 (J)**	ND	ND	190 (J)	ND	230 (J)
Fluoranthene	ug/kg	100,000	500,000	1,000 (J)	2,600 (J)	ND	ND	520 (J)	ND	ND
Indeno(1,2,3-cd)pyrene	ug/kg	500	5,600	ND	**1,000 (J)**	ND	ND	98 (J)	ND	ND
Phenanthrene	ug/kg	100,000	500,000	890 (J)	2,000 (J)	ND	ND	330 (J)	ND	ND
Pyrene	ug/kg	100,000	500,000	790 (J)	2,000 (J)	ND	ND	360 (J)	ND	280 (J)

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
(J)- Estimated value.
ND- Analyte analyzed for, but not detected in sample.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3A
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS			
		Unrestricted Use	Commerical RUSCOs	TP-5 @ 11'	TP-8 @ 2'	TP-11 @ 5'	B-16
Aluminum - Total	mg/kg	NE	NE	12,100	11,700	8,340	11,200
Arsenic - Total	mg/kg	13	16	10	8.7	**14.2**	8.0
Barium - Total	mg/kg	350	400	288	68.4	129	192
Beryllium - Total	mg/kg	7.2	590	0.81	0.38	0.37	0.47
Cadmium - Total	mg/kg	2.5	9.3	0.58	0.26	1.0	0.4
Calcium - Total	mg/kg	NE	NE	8,570	2,370	6,430	3,120
Chromium - Total	mg/kg	30*	1,500*	16.7	11.4	14.2	13.5
Cobalt - Total	mg/kg	NE	NE	8.0	7.0	6.4	5.7
Copper - Total	mg/kg	50	270	36.0	16.8	42.2	17.4
Iron - Total	mg/kg	NE	NE	21,200	18,500	25,200	18,900
Lead - Total	mg/kg	63	1,000	45.0	15.6	**293**	46.0
Magnesium - Total	mg/kg	NE	NE	2,830	2,620	2,420	2,100
Manganese - Total	mg/kg	1,600	10,000	931	493	622	836
Mercury - Total	mg/kg	0.18	2.8	0.085	0.037	0.086	0.12
Nickel - Total	mg/kg	30	310	17.4	14.6	14.5	12.7
Potassium - Total	mg/kg	NE	NE	1,310	714	958	598
Vanadium - Total	mg/kg	NE	NE	21.2	17.3	12.8	19.9
Zinc - Total	mg/kg	109	10,000	98.8	56.7	**243**	77.9

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375,
Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3B
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS				
		Unrestricted Use	Commerical RUSCOs	SS-1 (TP-5)	SS-4 (TP-12)	SS-2	SS-3	SS-4
Aluminum - Total	mg/kg	NE	NE	8,730	7,780	ANP	ANP	ANP
Arsenic - Total	mg/kg	13	16	8.9	9.0	ANP	ANP	**13.0**
Barium - Total	mg/kg	350	400	90.4	65.6	ANP	ANP	50.2
Beryllium - Total	mg/kg	7.2	590	0.34	0.34	ANP	ANP	ANP
Cadmium - Total	mg/kg	2.5	9.3	0.40	0.34	ANP	ANP	ND
Calcium - Total	mg/kg	NE	NE	4,900	11,200	ANP	ANP	ANP
Chromium - Total	mg/kg	30*	1,500*	10.4	9.4	ANP	ANP	12.7
Cobalt - Total	mg/kg	NE	NE	5.9	6.6	ANP	ANP	ANP
Copper - Total	mg/kg	50	270	19.6	20.8	ANP	ANP	ANP
Iron - Total	mg/kg	NE	NE	16,700	17,100	ANP	ANP	ANP
Lead - Total	mg/kg	63	1,000	29.5	24.8	**3140**	**9,260**	55.1
Magnesium - Total	mg/kg	NE	NE	2,620	5,870	ANP	ANP	ANP
Manganese - Total	mg/kg	1,600	10,000	571	487	ANP	ANP	ANP
Mercury - Total	mg/kg	0.18	2.8	**0.20**	ND	ANP	ANP	0.12
Nickel - Total	mg/kg	30	310	14.0	15.3	ANP	ANP	ANP
Potassium - Total	mg/kg	NE	NE	542	707	ANP	ANP	ANP
Silver - Total	mg/kg	2	1,500	ND	ND	ANP	ANP	ND
Vanadium - Total	mg/kg	NE	NE	13.9	11.1	ANP	ANP	ANP
Zinc - Total	mg/kg	109	10,000	75.6	59.5	ANP	ANP	ANP

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3B
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS					
		Unrestricted Use	Commerical RUSCOs	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10
Aluminum - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Arsenic - Total	mg/kg	13	16	**17.0**	**13.1**	9.8	9.4	ANP	ANP
Barium - Total	mg/kg	350	400	**547**	152	184	107	ANP	ANP
Beryllium - Total	mg/kg	7.2	590	ANP	ANP	ANP	ANP	ANP	ANP
Cadmium - Total	mg/kg	2.5	9.3	**7.3**	0.33	0.34	0.37	ANP	ANP
Calcium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Chromium - Total	mg/kg	30*	1,500*	27.7	13.4	11.0	10.1	ANP	ANP
Cobalt - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Copper - Total	mg/kg	50	270	ANP	ANP	ANP	ANP	ANP	ANP
Iron - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Lead - Total	mg/kg	63	1,000	**2,230**	**939**	**707**	**105**	**3,100**	**770**
Magnesium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Manganese - Total	mg/kg	1,600	10,000	ANP	ANP	ANP	ANP	ANP	ANP
Mercury - Total	mg/kg	0.18	2.8	**1.5**	0.10	0.085	0.13	ANP	ANP
Nickel - Total	mg/kg	30	310	ANP	ANP	ANP	ANP	ANP	ANP
Potassium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Silver - Total	mg/kg	2	1,500	1.4	ND	ND	ND	ANP	ANP
Vanadium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Zinc - Total	mg/kg	109	10,000	ANP	ANP	ANP	ANP	ANP	ANP

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 4
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units		LOCATIONS	
		Groundwater Quality Standards	MW-2	MW-4
Aluminum	mg/l	0.1*	**3.40**	**5.85**
Arsenic	mg/l	0.25	ND	0.00796 (J)
Barium	mg/l	1	0.545	0.386
Calcium	mg/l	NS	134	161
Chromium	mg/l	0.5	0.00381 (J)	0.00716
Cobalt	mg/l	NS	0.00189 (J)	0,00512
Copper	mg/l	0.2	0.0331	0.0268
Iron	mg/l	0.3	4.13 (B1)	8.92 (B1)
Lead	mg/l	0.25	0.00501	0.00882
Magnesium	mg/l	NS	22.1	33.7
Manganese	mg/l	0.3	0.186	0.370
Nickel	mg/l	0.1	0.00558 (J)	0.00930 (J)
Potassium	mg/l	NS	2.77	6.14
Sodium	mg/l	20	**42.0**	**70.3**
Vanadium	mg/l	NS	0.00536	0.00848
Zinc	mg/l	NS	0.0753	0.0562

Notes:
Groundwater quality standards presented in New York State Department of Environmental Conservation Part 703 Regulations: Surface Water and Groundwater Effluent Limitations.
*- Ionic aluminum groundwater quality standard.
ND- Analyte analyzed for, but not detected in sample.
NS- No standard provided.
J- Concentrations are estimated.
B1- Analyte was detected in associated laboratory method blank.
Bold concentration equals or exceeds groundwater quality standards.

Laboratory Data
Pesticide Resample @ MW-2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSF0026

Project Description

NYSDEC Spills - Penn Empire Site: Site #907034

For:

Chad Staniszewski

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

270 Michigan Avenue

Buffalo, NY 14203

Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Thursday, June 11, 2009

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

Work Order: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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
USDOE	Department of Energy	DOECAP-STB
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 accre ditation 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: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

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.

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

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: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

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 to method detection limit (MDL)

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

Work Order: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF0026-01 (MW-2 - Water)						**Sampled: 06/01/09 11:45**		**Recvd: 06/01/09 14:00**		
Organochlorine Pesticides by EPA Method 8081A										
Heptachlor epoxide	**0.027**	J	0.047	0.0050	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A

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

Work Order: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MW-2	RSF0026-01	Water	06/01/09 11:45	06/01/09 14:00	

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

Work Order: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSF0026-01 (MW-2 - Water)						**Sampled: 06/01/09 11:45**		**Recvd: 06/01/09 14:00**		
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND		0.047	0.016	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
4,4'-DDE	ND		0.047	0.011	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
4,4'-DDT	ND		0.047	0.010	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Aldrin	ND		0.047	0.0063	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
alpha-BHC	ND		0.047	0.0063	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
alpha-Chlordane	ND		0.047	0.014	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
beta-BHC	ND		0.047	0.024	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
delta-BHC	ND		0.047	0.0096	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Dieldrin	ND		0.047	0.018	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endosulfan I	ND		0.047	0.010	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endosulfan II	ND		0.047	0.011	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endosulfan sulfate	ND		0.047	0.015	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endrin	ND		0.047	0.013	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endrin aldehyde	ND		0.047	0.015	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Endrin ketone	ND		0.047	0.011	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
gamma-BHC (Lindane)	ND		0.047	0.0057	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
gamma-Chlordane	ND		0.047	0.010	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Heptachlor	ND		0.047	0.0081	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Heptachlor epoxide	**0.027**	J	0.047	0.0050	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Methoxychlor	ND		0.047	0.013	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Toxaphene	ND		0.47	0.11	ug/L	1.00	06/03/09 14:31	DGB	9F01122	8081A
Decachlorobiphenyl	*46 %*		*Surr Limits: (15-139%)*				*06/03/09 14:31*	*DGB*	*9F01122*	*8081A*
Tetrachloro-m-xylene	*51 %*		*Surr Limits: (30-139%)*				*06/03/09 14:31*	*DGB*	*9F01122*	*8081A*

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

Work Order: RSF0026

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 06/01/09
Reported: 06/11/09 15:19

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Organochlorine Pesticides by EPA Method 8081A									
8081A	9F01122	RSF0026-01	1,055.00	mL	10.00	mL	06/02/09 08:00	KB	3510C GC

Chain of Custody Record

SEVERN TRENT **STL**®
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC	Chad Staniszewski	6/1/09	297639
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	
270 Michigan Ave	(716) 851-7220		Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
Buffalo	NY	14203	C. Staniszewski	Brian Fischer

Project Name and Location (State): Penn Empire Transportation

Carrier/Waybill Number:

Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed): 8081 (Pesticides)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8081 (Pesticides)	Special Instructions/ Conditions of Receipt
MW-2	6/1/09	1145		X			2						X	

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

Sample Disposal: ☐ 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 10-day

QC Requirements (Specify):

Relinquished By	Date	Time	Received By	Date	Time
1. Chad Staniszewski	6/1/09	2:00 pm	1. [signature] Buffalo	06/01/09	1400
2.			2.		
3.			3.		

Comments: 11.0°C SAME DAY w/ ICE

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

Empire GeoService's

Subsurface Investigation and Site Activities Report

dated July 9, 2009

(On Disc)

EMPIRE GEO SERVICES, INC.
A SUBSIDIARY OF SJB SERVICES, INC.

July 9, 2009

New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Attention: Mr. Chad Staniszewski, Environmental Engineer II

Reference: Subsurface Investigation and Site Activity Report
Former Penn Empire Transportation Facility
100 East Livingston Avenue
Celoron, New York
NYSDEC Site Number: 907034

Dear Mr. Staniszewski:

As per the request and authorization of the New York State Department of Environmental Conservation (NYSDEC), Empire GeoServices, Inc. (Empire) recently completed a subsurface investigation and performed additional site activities at the former Penn Empire Transportation facility located at 100 East Livingston Avenue in the Village of Celoron, New York. Field work for the project was initiated in July 2008 and was finalized in July 2009. The following report summarizes the work completed; subsurface conditions encountered and associated observations; analytical data; and recommendations, if warranted.

I. INTRODUCTION

The project site is located at the former Penn Empire Transportation facility at 100 East Livingston Avenue in the Village of Celoron. A site location map is presented as Figure No. 1 in Attachment A. The facility is currently vacant.

The purpose of the investigation was to assess impacts to site soil and groundwater quality, if any, from previous use as a commercial trucking facility. In addition, NYSDEC directed Empire to inspect the abandoned tractor trailers' contents and to consolidate and arrange offsite disposal of drummed waste.

II. SUBSURFACE INVESTIGATION

Empire's subsurface investigation included the advancement of 16 direct push borings, five augered test borings and the installation of three monitoring wells, and the excavation of 20 test pits. All subsurface activities were completed by Empire's affiliate, SJB Services, Inc., under the direction of an Empire environmental geologist or an environmental engineer. At each location, the on-site geologist/engineer visually classified the subsurface soils, screened the soils with a photoionization detector (PID) for the presence of volatile organic compounds (VOCs), and prepared boring logs indicating the soil types

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encountered, indications of potential contamination, and other pertinent observations and information. The locations of the borings, wells, and test pits are illustrated on the site survey drawing in Attachment A.

In general, the subsurface conditions encountered at the various locations consisted of sand fills overlying native sands and gravels. The vertical extent of the fill materials ranged from zero to approximately 18 feet below grade, with an average thickness of approximately 6 to 8 feet.

Direct Push Borings: The 16 direct push borings, ranging in depths from 0.5 to 20.0 feet, were completed on September 9 and 10, 2008 utilizing a truck mounted Simco 2400 SK-1 direct push unit. The soil sampling was completed in general accordance with *ASTM D-6282; Standard Guide for Direct Push Soil Sampling for Environmental Site Characterizations*. At each location, continuous soil sampling was performed from ground surface to the termination depth using the Geoprobe® Macro-Core (MC) Soil Sampling System. The MC soil sampler permits the collection of soil samples 1.5 inches in diameter and 48 inches in length. The samplers are fitted with a removable cutting shoe and clear PVC liner. A new liner was installed prior to each sample collection to prevent cross-contamination between sampling intervals and boring locations. The direct push logs are presented in Attachment B, Subsurface Logs.

Test Pits: Twenty test pits were excavated onsite utilizing a rubber tire Ford New Holland 555 backhoe. The test pits were excavated during November 18 - 20, 2008 ranging in depths from 4.0 to 15.0 feet. At test pit location TP-5, and to a lesser degree at locations TP-6 and TP-7, miscellaneous debris such as wood fragments, glass, plastic bottles, and wire were encountered approximately 10 to 13 feet below grade. A slight diesel fuel odor was noted during excavation of test pit TP-19. Test pit logs are presented in Attachment B, Subsurface Logs.

Test Borings: The five test borings, designated MW-1, MW-2, MW-3, MW-4 and MW-5, were completed during December 10 - 12, 2008. The borings, ranging in depths from 20.0 to 32.0 feet, were advanced using a rubber tire CME-550X ATV drilling rig. Standard drilling techniques were employed to advance 4 ¼" inside diameter hollow stem augers through the overburden soils. Representative soil samples were obtained during the advancement of each boring by driving a 2 inch outside diameter (O.D.) split spoon sampler into the undisturbed soils beneath the augers, utilizing a 140 pound drop hammer freely falling 30 inches. Data regarding the compaction and consistency of the overburden soils are related to the penetration of the split spoon sampler, in accordance with the "Standard Penetration Test" (ASTM D-1586).

Individual test boring logs are presented in Attachment B, Subsurface Logs, along with a sheet entitled "General Information and Key to Subsurface Logs" explaining the symbols and terms used in their preparation.

Monitoring Wells: Monitoring wells were installed in borings MW-2, MW-4 and MW-5, since the presence of groundwater was noted at 20.0, 28.0 and 13.0 feet below grade, respectively. Groundwater was not encountered during the advancement of borings MW-1 and MW-3. The wells were constructed of two inch diameter Schedule 40 PVC, with 10 feet long, 0.01 inch slotted screen flush threaded to riser pipe. A filter pack consisting of Number 1 silica sand was placed around the well screen and extended 2.0 to 2.5 feet above the top of the well screen. A 1.5 to 2.5 foot bentonite clay seal was constructed above the sand pack. The remainder of the boring was backfilled with a cement-bentonite grout. A locking protective casing was installed at each monitoring well location to protect and secure the well. Individual monitoring well diagrams are presented in Attachment C, Monitoring Well Diagrams.

Monitoring wells MW-2 and MW-4 were developed on January 26, 2009. Water was not present in monitoring well MW-5. The wells were developed by repeated cycles of surging and purging using a 1.5 inch PVC bailer in the water column. Twenty gallons, approximately 10.0 well volumes, were removed from monitoring well MW-2. Ten well volumes or approximately 12.0 gallons were purged from monitoring well MW-4.

Surface Samples: Eleven surface soil samples were collected as part of this investigation. Samples SS-1(TP-5), SS-2, SS-3 and SS-4(TP-12) were collected during November 18 - 19, 2008. Samples were collected at locations SS-4 through SS-8 on December 12, 2008. Soil samples SS-9 and SS-10 were collected on January 24, 2009. At each location, the sample was collected from 0 to 6 inches below grade.

III. ENVIRONMENTAL SCREENING

Excavated and sampled soils were screened for volatile organic compounds (VOCs) using an Ion Science PhoCheck 1000 Photoionization Detector (PID) equipped with a 10.6 eV lamp. The PID will detect, if present, the aggregate concentration of many VOCs at a practical threshold of approximately 1 to 2 parts per million (ppm). The soils were also inspected for evidence of environmental degradation (i.e. discoloration, staining, odors, etc.). Other than the occasional, slightly elevated PID measurements during the advancement of the direct push borings and a slight diesel odor noted during the excavation of TP-19, significant evidence of soil degradation was not observed during any of the subsurface activities. The results of the PID screenings and noted observations are presented on the subsurface logs in Attachment B.

IV. SAMPLE COLLECTION AND ANALYTICAL TESTING

The collected samples were placed into pre-cleaned appropriate glass containers, labeled with the date, time, location of the project, and placed in an iced cooler at approximately 4-degrees Celsius for transport via courier to TestAmerica Laboratories, Inc. (TestAmerica) in Amherst, New York. TestAmerica is a New York State Department of Health (NYSDOH) certified analytical testing laboratory. Chain-of-custody documentation accompanied the samples. Test America's analytical report is presented in Attachment D.

Test Borings: Soil samples for analytical testing were not collected from the test borings as part of this subsurface investigation.

Test Pits: Soil samples were collected from test pits TP-5, TP-8, TP-11, TP-12 and TP-19 for chemical analysis. Test pit locations and the corresponding sampling depths are summarized on the following table.

PENN EMPIRE TRANSPORTATION
TEST PIT LOCATIONS AND SAMPLE COLLECTION DEPTHS

TEST PIT LOCATIONS	SAMPLE COLLECTION DEPTH (FT)
TP-5	11.0 (contained misc. debris)
TP-8	2.0
TP-11	5.0
TP-12	4.0
TP-19	3.5 (slight diesel fuel odor)

Soil samples collected from TP-5, TP-11, TP-12 and TP-19 were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs). Samples collected from TP-5, TP-8, TP-11 and TP-19 were analyzed for TCL Semi-Volatile Organic Compounds (SVOCs). Samples collected from TP-5, TP-8 and TP-11 were analyzed for Target Analyte List (TAL) metals. Polychlorinated biphenyls (PCBs) testing was also completed on the sample recovered from TP-5.

Direct Push Borings: As directed by the NYSDEC, a soil sample was collected for chemical analysis at location B-16 from a depth interval of 4.0 to 8.0 feet. The sample was analyzed for TCL VOCs, TCL SVOCs, PCBs, and TAL metals.

Surface Samples: Soil samples SS-1(TP-5) and SS-4 (TP-12) were analyzed for TCL SVOCs, and TAL metals. Total lead analysis was completed on samples collected at locations SS-2, SS-3, SS-9 and SS-10. Surface soil samples collected from locations SS-4, SS-5, SS-6, SS-7, and SS-8 were analyzed for RCRA metals.

Monitoring Wells: Groundwater samples were collected from monitoring wells MW-2 and MW-4 on January 27, 2009. A minimum of five well volumes was purged from the wells prior to sampling. The collected samples were analyzed for TCL VOCs, TCL SVOCs, TAL metals, PCBs, pesticides, and herbicides.

V. LABORATORY ANALYTICAL RESULTS

The analytical results of the soil samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs) for Unrestricted site use (6 NYCRR Subpart 375-6, Table 375-6.8(a)) and for Restricted Use Soil Cleanup Objectives (RUSCOs) - Commercial site use (6 NYCRR Subpart 375-6, Table 375-6.8(b)).

The analytical results of the groundwater samples were compared to New York State Department of Environmental Conservation (NYSDEC) Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations presented in 6NYCRR Part 703.

Test Pits

Volatile Organic Compounds: Methylene chloride and 2-butanone were detected at levels below the unrestricted SCOs for test pits TP-5, TP-11, TP-12 and TP-19. Acetone was detected at a concentration just above the unrestricted SCO in TP-5. Acetone was also detected at estimated concentrations well-below the unrestricted SCOs in TP-11 and TP-19. No other VOCs were detected above the method detection limit for the collected soil samples.

A summary of detected VOCs is presented on Table 1 of Attachment E.

Semi-Volatile Organic Compounds: Eleven SVOCs were detected in the collected samples. Benzo(a)pyrene was detected in TP-11 at an estimated concentration of 1,600 ppb, exceeding the Part 375 RUSCO of 1,000 ppb for Commercial site use. Benzo(a)anthracene, benzo(b)fluoranthene, chrysene, and indeno-(1,2,3-cd) pyrene were detected in TP-11 at estimated concentrations of 1,500 ppb, 1,800 ppb, 1,400 ppb, and 1,000 ppb, respectively, exceeding the Part 375 RUSCOs for Unrestricted site use of 1,000 ppb, 1,000 ppb, 1,000 ppb, and 500 ppb, respectively, but were well-below the RUSCOs for Commercial site use of 5,600 ppb, 5,600 ppb, 56,000 ppb, and 5,600 ppb, respectively.

A summary of the detected SVOCs is presented on Table 2 of Attachment E.

Metals: Eighteen metals were detected in the collected soil samples. None of the detections exceeded the Part 375 RUSCOs for Commercial site use. Arsenic, lead, and zinc were detected in TP-11 at concentrations of 14.2 ppm, 293 ppm, and 243 ppm, respectively. These concentrations exceeded the Part 375 SCOs for Unrestricted site use of 13 ppm, 63, ppm, and 109 ppm, respectively, but were below the RUSCOs for Commercial site use of 16 ppm, 1,000 ppm, and 10,000 ppm, respectively

A summary of detected metals is presented on Table 3A of Attachment E.

Polychlorinated Biphenlys: Polychlorinated biphenlys (PCBs) were not detected in the soil sample collected at TP-5. No other test pit samples were analyzed for PCBs.

Direct Push Borings

Volatile Organic Compounds: Acetone, methylene chloride and 2-butanone were detected in the soil sample collected at B-16. The detected levels of 2-butanone and methylene chloride were below the Unrestricted use SCOs. Acetone was detected in B-16 at 67 ppb, slightly exceeding the SCO of 50 ppb for Unrestricted site use. No other VOCs were detected.

A summary of the detected VOCs is presented on Table 1 of Attachment E.

Semi-Volatile Organic Compounds: None of the eleven estimated SVOC detections in B-16 exceeded the Part 375 RUSCOs for Commercial use or the SCOs for Unrestricted use.

A summary of detected SVOCs is presented on Table 2 of Attachment E.

Metals: None of the 18 detections of metals in B-16 exceeded the Part 375 RUSCOs for Commercial use or the SCOs for Unrestricted use.

A summary of detected inorganic/metal compounds is presented on Table 3A of Attachment E.

Polychlorinated Biphenlys: Aroclor 1248 and Aroclor 1254 were detected in B-16 at estimated concentrations of 5.7 ppb and 12 ppb, respectively, well below the Part 375 RUSCO for Commercial use of 1,000 ppb for total PCBs and the SCO for Unrestricted use of 100 ppb.

Surface Samples

Volatile Organic Compounds: Surface soil samples were not submitted for analysis for VOCs.

Semi-Volatile Organic Compounds: Surface soil samples collected from SS-1 (TP-5) and SS-4 (TP-12) were submitted for SVOC analysis. None of the six estimated detections of SVOCs in SS-4 (TP-12) exceeded the Part 375 RUSCOs for Commercial use or the SCO for Unrestricted use.

A summary of the detected SVOCs is presented on Table 2 of Attachment E.

Polychlorinated Biphenlys: PCBs were not detected in the surface soil sample collected at SS-4 (TP-12). No other surface soil samples were analyzed for PCBs.

Metals: Lead was detected in each of the eleven surface soil samples. Lead concentrations exceeding the Part 375 RUSCO for Commercial use of 1,000 ppm were detected in SS-2 (3,140 ppm), SS-3 (9,260 ppm), SS-5 (2,230 ppm), and SS-9 (3,100 ppm). Lead concentrations exceeding the Part 375 SCO for Unrestricted use of 63 ppm were detected in SS-6 (939 ppm), SS-7 (707 ppm), SS-8 (105 ppm), and SS-10 (770 ppm), but were less than the RUSCO for Commercial use of 1,000 ppm.

The surface soil samples collected at SS-1 (TP-5) and SS-5 had mercury concentrations of 0.2 ppm and 1.5 ppm respectively, which exceeded the Part 375 SCO for Unrestricted use of 0.18 ppm, but were less than the RUSCO for Commercial use of 2.8 ppm.

The detected arsenic concentration of 13 ppm in SS-4 is equal to the Part 375 SCO for Unrestricted site use, but is less than the Commercial use RUSCO of 16 ppm. The detected arsenic concentration of 17 ppm in SS-5 slightly exceeded the Part 375 RUSCO for Commercial use of 16 ppm. The detected arsenic concentration of 13.1 ppm in SS-6 slightly exceeded the SCO for Unrestricted use of 13 ppm, but was less than the RUSCO for Commercial use of 16 ppm.

The detected barium concentration of 547 ppm in SS-5 exceeded the Part 375 RUSCO for Commercial use of 400 ppm.

The detected cadmium concentration of 7.3 ppm at location SS-5 exceeded the Part 375 SCO for Unrestricted use of 2.5 ppm, but was less than the RUSCO for Commercial use of 9.3 ppm.

A summary of detected metals is presented on Table 3B of Attachment E.

Monitoring Wells

Volatile Organic Compounds: VOCs were not detected in the collected groundwater samples.

Semi-Volatile Organic Compounds: Bis(2-ethylhexyl)phthalate was detected at 5.8 and 9.9 parts per billion (ppb) for MW-2 and MW-4, respectively. These detections are slightly above the NYSDEC groundwater standard of 5 ppb. No other SVOCs were detected.

Metals: Sixteen metals were detected in the groundwater samples. However, only aluminum and sodium exceeded NYSDEC groundwater quality standards. Groundwater collected at MW-2 had detection values of 3.40 ppm and 42.0 ppm for aluminum and sodium, respectively. Aluminum and sodium were detected at 5.85 ppm and 70.3 ppm, respectively at MW-4. The quality standards for aluminum and sodium are 0.1 ppm and 20 ppm, respectively. It should be noted that an aluminum groundwater quality standard is not presented in 6NYCRR Part 703. Therefore the groundwater quality standard for aluminum - ionic was used.

A summary of metals detected in groundwater is presented on Table 4 of Attachment E.

Herbicides/Pesticides: Five herbicide/pesticide compounds were detected in the groundwater sample collected at MW-2 at estimated concentrations less than the method detection limits. Herbicide and pesticide compounds were not detected at MW-4.

Polychlorinated Biphenlys: PCBs were not detected in the collected groundwater samples.

VI. ADDITIONAL SITE ACTIVITIES

Site Survey: Empire subcontracted Daniel L. Barry Land Surveyor LLC of Lakewood, New York to complete a survey of the site. The first task was a survey of the property boundary and existing site features. The locations of all investigation sampling points were surveyed and added to the site drawing after investigation field work was completed. The surveyor's site drawing is included in Attachment A.

Tractor Trailer Inspection: Empire inspected and documented the contents of the 20 semi-trailers abandoned onsite. The purpose of the inspection was to identify items of potential environmental concern. During the inspection, Empire labeled the trailers in numerical order as the trailers were inspected. The findings of the inspection are summarized below.

Trailer No.	Contents
Trailer #1	Used tires
Trailer #2	Used tires
Trailer #3	Used tires
Trailer #4	Miscellaneous debris, paint cans and an empty barbecue propane tank
Trailer #5	Scrap wood, tires and hoses
Trailer #6	Scaffolding and prefabricated furniture
Trailer #7	Empty used fuel cans and furniture pieces
Trailer #8	Empty
Trailer #9	Empty
Trailer #10	Empty 55-gallon drum, 5-gallon pail of degreaser ½ full
Trailer #11	Scrap wood, office furniture
Trailer #12	Wood pallets
Trailer #13	Empty
Trailer #14	Empty
Trailer #15	A metal chair
Trailer #16	Wood pallets and crates
Trailer #17	Used tires
Trailer #18	Used tires
Trailer #19	Contents unknown, trailer locked
Trailer #20	Contents unknown, no access doors backed against loading dock

Drum Inventory & Inspection: Empire inventoried existing 55-gallon drums onsite in July 2008. The majority of the drums were located approximately 50 feet north of the former truck maintenance shop. However, drums were also located in semi-trailers and the maintenance shop. A few drums were scattered throughout the property. Empire labeled the drums in numerical sequence as they were inspected and the contents tentatively identified. The drums were generally categorized as empty, waste oil, oil water mixture, oil water mixture with solvent odor, and solvent. The findings of the inspection are summarized below. Unless stated, the drums were 55 gallons in capacity.

Drum No.	Contents
Drum #1	Empty located in Trailer #10
Drum #2	Oil water mix, less than 10 gallons
Drum #3	Empty and crushed
Drum #4	Empty

Drum #5	Empty, staining near drum bottom
Drum #6	Empty blue poly drum
Drum #7	Numerous holes in drum, approximately 25 gallons of oil water mix
Drum #8	¼ full of liquid, the drum is rusted and has holes in it some appear to be bullet holes
Drum #9	Empty
Drum #10	Empty
Drum #11	Empty
Drum #12	Oil water mix, 1/3 full
Drum #13	Swollen
Drum #14	Empty
Drum #15	Empty
Drum #16	Empty
Drum #17	Empty
Drum #18	Oil water mix
Drum #19	Empty
Drum #20	Empty, labeled as anti-freeze
Drum #21	Oil water mix, 25 gallons
Drum #22	Empty
Drum #23	Oil water mix, 40 gallons
Drum #24	Empty
Drum #25	Empty
Drum #26	Oil water mix, 10 gallons
Drum #27	Oil water mix, 25 gallons
Drum #28	Empty
Drum #29	Empty
Drum #30	10 gallons, liquid not identified
Drum #31	Oil water mix, 20 gallons
Drum #32	Empty 30 gallon drum
Drum #33	Empty 30 gallon drum
Drum #34	Empty 30 gallon drum
Drum #35	Empty 30 gallon drum
Drum #36	Empty 30 gallon drum, labeled as electrolytic nickel
Drum #37	Oil water mix, 10 gallons
Drum #38	Empty drum, labeled as 10W30 motor oil
Drum #39	Empty drum
Drum #40	Empty
Drum #41	10 Gallons, labeled as rv/marine anti-freeze
Drum #42	Less than 10 gallons, labeled as waste lubricant- solvent smell
Drum #43	Labeled as waste oil lubricant methanol, solution gas/oil odor
Drum #44	20 Gallons, labeled as waste oil lubricant, methanol solution gas/oil odor
Drum #45	20 Gallons, labeled as waste lubricant oil- solvent odor
Drum #46	Empty, oil staining present on sides
Drum #47	Labeled as waste lube oil and paint thinner, oily odor present, contents initially under pressure
Drum #48	55 Gallons, labeled as Pit-Pen Company Methanol
Drum #49	55 Gallons, labeled as waste lubricant
Drum #50	30 Gallons, oil water mixture
Drum #51	25 Gallons, oil water mixture with antifreeze odor
Drum #52	30 Gallon drum ¾ full labeled as Kendall oil
Drum #53	30 Gallon drum solvent smell

Drum #54	55 Gallons, labeled “good anti-freeze”
Drum #55	55 Gallons, labeled as waste lubricant/mix, oil-solvent mixture
Drum #56	55 Gallons, solvent odor
Drum #57	25 Gallons, waste oil below solvent layer
Drum #58	25 Gallons, waste oil
Drum #59	Empty
Drum #60	10 Gallons, anti-freeze colored pink
Drum #61	Empty
Drum #62	Empty
Drum #63	Empty
Drum #64	Empty
Drum #65	Empty
Drum #66	Empty
Drum #67	Empty

On August 6, 2008, Empire staged the drums inside the former maintenance shop to prevent further deterioration of the drums and limit the possibility of impacting the site soils with chemical or petroleum contamination. The drums were grouped by their tentatively identified contents. Empire collected a composite sample from each drum grouping on October 22, 2008 for waste disposal purposes. Since the “oil water mixture” contained the largest number of drums not including empty drums, Empire collected 3 composite samples from this group. Grouping the drums according to content allowed them to be characterized with seven samples (one to three samples per group) rather than 30 samples (one sample for each drum). The samples were analyzed for Target Compound List (TCL) volatile organic compounds, TCL semi-volatile organic compounds, Target Analyte List metals, polychlorinated biphenyls, total petroleum hydrocarbons, pesticides, herbicides, pH, and flashpoint. Based on the analytical results, the drums were generally categorized for shipping purposes as waste flammable liquids or hazardous waste liquid.

On February 19, 2009, Tonawanda Tank Transport Service, Inc. (Tonawanda Tank) transported the drums to Petro-Chem Processing Group, a permitted facility, located in Detroit, Michigan. Nine drums required overpacking because their condition was not suitable for shipping. Approximately 740 gallons or 6,150 pounds of waste were transported to the designated facility. Waste manifest forms are included in Attachment F.

In addition to the aforementioned drums, Empire noted the following storage containers present in the former maintenance shop:

- 5 gallon plastic container of oil solvent mixture;
- 5 gallon pail labeled as waste oil;
- 2 to 2.5 gallons of a unknown purple liquid having an odor similar to brake or transmission fluid in a 5 gallon pail;
- 10 – 15 foot long “zipper” drain present along the central floor area, apparently stained with an oil water mixture;
- Two, 200 gallon above ground empty storage tanks, and;
- A 550 gallon above ground heating oil storage tank with an estimated of 250-gallons oil present inside.

Monitoring Well Decommissioning: Empire’s affiliate, SJB Services, Inc., decommissioned the three groundwater monitoring wells (MW-2, MW-4, and MW-5) on June 23, 2009. For each well, the protective casing was removed and attempts were made to pull and remove the two-

inch ID PVC well screen and riser pipe. If the PVC screen or riser pipe pulled apart, then the screen bottom plug was punched out so that the borehole could be grouted over its entire depth. All three boreholes were backfilled with a Portland cement/bentonite mix up to ground surface.

Aboveground Storage Tank: Empire opened one of the fittings in the top of the onsite aboveground storage tank (AST) that was formerly used for storing and dispensing diesel fuel. A bailer was lowered into the AST and retrieved. The contents of the bailer indicated that approximately nine inches of "fluid" are present at the bottom of the AST, including five inches of oily sludge and four inches of water. Empire closed the fitting after making the measurement.

Maintenance Building Floor Drains: The former onsite truck maintenance building contains two floor drains that appear to be connected to each other. Although the discharge point for these drains was not confirmed, it appears that they are likely connected to the existing sanitary sewer line that exists just east of the northeast corner of the site. This is based on the three "4" PVC clean-outs" that exist in a generally straight line between the former maintenance building and a sanitary sewer manhole, as seen on the site survey drawing in Attachment A.

VII. CONCLUSIONS

The laboratory data for the soil samples indicate that relatively few elements or compounds exceeded the Part 375 RUSCOs for Commercial site use, and the amount of any exceedance typically was insignificant. Therefore it appears that the site is suitable in its current condition for return to commercial use without remedial actions. Soil remediation would likely be needed to make the site suitable for Unrestricted use because several elements and compounds were detected above these SCOs. Appropriate health and safety guidelines should be considered for any future construction activities in areas that exhibited elevated levels of potential contaminants, particularly along the east property line where significant levels of lead where detected in surface soil samples.

A few elements and compounds were detected in the groundwater monitoring wells at concentrations slightly exceeding NYSDEC groundwater standards. However this is not considered to represent a significant environmental concern because the site is served by a municipal water supply.

IX. CLOSING

This report has been prepared for the exclusive use of the New York State Department of Environmental Conservation for the specific application to the subject site in accordance with generally accepted environmental practices. If you have any questions or provide further assistance, please contact our office at 716-649-8110.

Respectfully submitted,
EMPIRE GEO-SERVICES, INC.

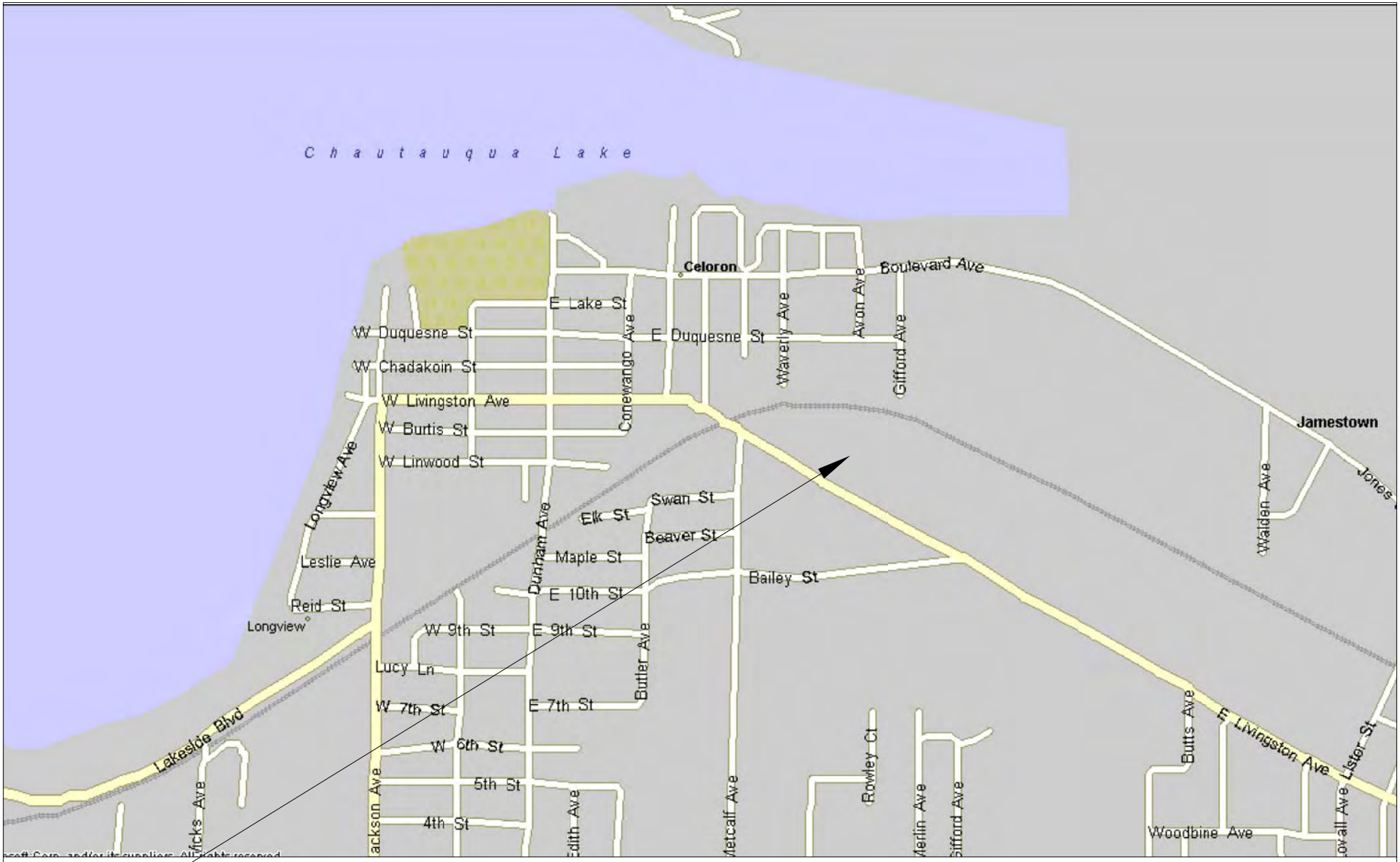
Stephen J. Bochenek
Engineering Geologist

David R. Steiner
Environmental Services Manager

ATTACHMENT A - FIGURES
ATTACHMENT B - SUBSURFACE LOGS
ATTACHMENT C - MONITORING WELL DIAGRAMS
ATTACHMENT D - TESTAMERICA'S ANALYTICAL REPORTS
ATTACHMENT E - ANALYTICAL SUMMARY TABLES
ATTACHMENT F - MANIFESTS

ATTACHMENT A

Figures



APPROXIMATE SITE LOCATION

NOTE:

SITE LOCATION PLAN DEVELOPED
FROM MICROSOFT STREETS & TRIPS 2006

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

PENN EMPIRE TRANSPORTATION SITE
100 EAST LIVINGSTON AVENUE
CELERON, NEW YORK

SITE LOCATION PLAN

DR BY: MZS	SCALE: NTS	PROJ NO.: BEV-08-028
CHKD BY: SB	DATE: 02/09/09	FIGURE NO: 1

Per the New York State Education Law, Article 145, Section 7209, it is a violation of law for any person, unless he is acting under the direction of a NYS Licensed Land Surveyor, to alter any item on this document in anyway. If any item on this document is altered in any way, the altering NYS Licensed Land Surveyor must affix his seal and the notation "altered by", followed by his signature, the date of the alteration, and a specific description of the alteration.

NOTE: railroad boundary lines re-established from C.E. Bentley map and Erie Railroad Company Valuation Maps V-32A-NY-29 &30

50' 0 50' 100'

N W E S

Astronomic from Solar Observations

N 87°40'01" E Chord=1210.05' Radius=1910.10' Arc Length=1231.26' Delta=36°55'59"

Concrete Railroad Mile Marker #36 Sta. 1903+46.5

original RR centerline per C.E.B. records

existing centerline of RR tracks

only one set of tracks

Chautauqua, Cattaraugus, Allegany, and Steuben Southern Tier Extension Railroad Authority Liber 2462, page 247, Rec. 2/28/2001

existing centerline of RR tracks

S 85°13'55" E Chord=763.54' Radius=1840.08' Arc Length=769.13' Delta=23°56'56"

See: Liber 308, page 421 Recorded January 11, 1904

original RR centerline per C.E.B. records

S 68°10'35" E Chord=378.76' Radius=1910.10' Arc Length=379.38' Delta=11°22'48"

N 75°16'08" E Chord=205.74' Radius=1850.08' Arc Length=205.85' Delta=6°22'30"

south bounds of Railroad

N 84°43'05" E 140.00'

B-8 1339.2

1 story metal building

B-5 1345.3

top of PVC pipe 1349.3

MW-5 1346.8

B-4 1349.3

concrete loading dock

gravel drive

S 1°43'20" W 202.81' to centerline

N 71°24'08" E 43.87'

N 59°48'34" W 78.08'

BPU 52307

N 59°48'33" W 271.25'

BPU 52317

BPU 52310

N 59°48'33" W 242.15'

BPU 52319

WATER WELL

electric meter

BPU 52321

BPU 52315

N 59°48'33" W 159.40'

N 1°48'45" E 37.34'

spike

Metcalf Avenue

above ground 10,000 gallon tank storage area

B-7 1343.9

TP-19 1344.1

TP-20 1346.4

B-6 1351.1

electric box

PVC STANDPIPE 6 BPU 52326

fuel pump

concrete pad

TP-17 1352.9

TP-18 1352.9

northwesterly street line

northerly edge of pavement

original centerline

southerly edge of pavement

centerline of a 9' wide gravel drive

N 60°09'27" W 380.20'

N 60°09'27" W 380.23'

N 60°09'27" W 380.14'

BPU 52320

BPU 52325

N 1°48'45" E 140.00'

N 1°20'46" E 42.83'

south highway boundary

BPU 52327

4" PVC clean-out

TP-15 1353.7

B-11 1353.4

concrete pad

B-12 1353.0

TP-14 1353.5

1 story metal building

electric meter

TP-1 1354.1

B-14 1354.2

TP-2 1354.2

concrete pad

B-13 1353.9

gravel drive

9.32 Acres

BPU 52331

MW-1 1356.1

TP-3 1355.0

B-15 1354.8

MW-3 1356.3

BPU 52330

N 60°12'38" W 377.19'

BPU 52335

N 60°12'38" W 656.98'

BPU 52340

N 60°12'38" W 638.51'

BPU 52345

centerline of a 9' wide gravel drive

B-3 1352.9

B-2 1353.3

B-1 1353.3

(SS-4) TP-12 1353.4

TP-13 1353.3

4" PVC clean-out

top of PVC pipe 1353.5

MW-4 1351.1

TP-16 1349.8

B-10 1352.3

4" PVC clean-out

TP-10 1352.8

TP-11 1352.8

TP-6 1353.5

B-16 1354.1

(SS-1) TP-5 1354.2

TP-7 1354.7

TP-9 1353.8

TP-4 1354.2

TP-8 1353.7

Penn Empire Transport, Inc. Liber 2243, page 577 Rec. 3/4/1991 Liber 2221, page 302 Rec. 5/09/1990

See also: Liber 1899, page 251, Rec. 6/12/1981 Liber 1459, page 163, Rec. 7/11/1973 Liber 1410, page 256, Rec. 9/20/1971 Liber 1365, page 558, Rec. 9/18/1969 Liber 1032, page 5, Rec. 9/22/1955

SS-4 1361.0

SS-6 1356.1

SS-5 1359.7

top of PVC pipe 1345.7

MW-2 1343.5

B-9 1347.1

4" PVC clean-out

SS-8 1335.5

SS-9 1338.7

SS-10 1349.1

SS-7 1332.5

SS-3 1340.0

SS-2 1351.7

S 0°33'06" W 41.54'

N 0°33'07" E 31.26'

2" iron pipe

sanitary manhole

sanitary sewer-source unknown

S 67°59'55" E Chord=359.72' Radius=1870.08' Arc Length=360.28' Delta=11°02'16"

pC

S 27°30'47" W 40.02'

2" iron pipe

sanitary manhole

S 62°29'11" E 759.32' to a found 2" iron pipe

See Map of the G.W. Gifford Farm and James I. Fowler made by Bentley & Harrington Surveyors Dated: July 9, 1921 and filed in C.E. Bentley's records in the City Hall of Jamestown, NY in Drawer 1, Section E, Map No. 21

blazed and painted property line orange September 23, 2008

Reputed owner: Celoron Rod and Gun Club, Inc. Liber 1113, page 255 Rec. 10/17/1958

S 0°33'05" W 629.95'

S 0°33'05" W 37.82'

found 1/2" rebar

to radius

LEGEND

- *Found Iron Stake*
- *Set 3/4" Rebar with Cap*
- *W-beam guide rail*
- *Wood Utility Pole with Overhead Wires*
- *light pole*
- *Monitoring Well*
- *Test Pit*
- *Soil Sampling Site*

Plat of a survey for

Empire Geoservices, Inc.

100 East Livingston Avenue, Village of Celoron,
County of Chautauqua, State of New York
Part of Lot 50, Town 2, Range 11 of the
Holland Land Company's Survey

Daniel L. Barry Land Surveyor LLC

Licensed in New York and Pennsylvania
1959 Big Tree Road
Lakewood, NY 14750-9759
Phone: 716-763-1254
Facsimile: 716-763-0915

Dated: September 23, 2008 Job No, 3289-08
Revised: February 9, 2009, borings, monitoring wells & sampling sites located
Revised: June 23, 2009 to show SS-1, SS-4, SS-5

Note: the date shown on this plat is the date of the completion of the field survey work. This map is void if used with an affidavit of no change. This survey was prepared without the benefit of an abstract of title. Reproduction or copying of this document may be a violation of copyright law unless permission of the author and/or copyright holder is obtained.

ATTACHMENT B

Subsurface Logs

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELERON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1	BG	Light Brown f-m SAND and Silt, tr. gravel (moist, FILL)	PID= Photoionization Detector
2	3.7		BG= Background, measured in parts per million.
3	2.2		
4	BG		S-1: 0-4' S-2: 4'-8' S-3: 8'-12'
5	BG		
6	BG		
7			
8	2.8 4.0	Contains little f. Gravel	
9			
10	BG		
11			
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Direct Pushed Terminated at 6" Due to Refusal	No Recovery
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 2

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Light Brown f-c SAND, some f-c Gravel (moist, FILL)	PID= Photoionization Detector
2	BG		BG= Background, measured in parts per million.
3	9.5		
4			S-1: 0-4' S-2: 4'-8'
5	9.2	Light Brown f-m SAND and Silt, tr. gravel (moist, FILL)	S-3: 8'-12' S-4: 12'-16' S-5: 16'-20'
6			
7	19.0		
8			
9	8.7		
10	BG		
11			
12	BG	Brown f-c GRAVEL and f-c Sand (moist)	
13		Light Brown SAND, tr. gravel, tr. silt (moist)	
14	BG		
15			
16	BG		

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED
FINISHED
SHEET 2 OF 2

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
17	BG		PID= Photoionization Detector
18			BG= Background, measured in parts per million.
19			
20	BG		
21		Direct Push Complete at 20.0'	
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			

DRILLER: DRILL RIG TYPE: CLASSIFIED BY:

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Light Brown f-c SAND, some f-c Gravel	PID= Photoionization
1	BG	(moist, FILL)	Detector
			BG= Background,
2			measured in parts per
		Contains little Silt	million.
3	BG		
			S-1: 0-4'
4			S-2: 4'-8'
		Light Brown f-m SAND and Silt, little f-c Gravel (moist, FILL)	S-3: 8'-12'
5	BG		S-4: 12'-16'
6			
7	BG		
8			
9	BG		
10			
11	BG		
12			
		Light Brown f-c SAND, some f-c Gravel, tr. silt (moist)	
13	BG		
14			
15	BG		
16		Direct Push Complete at 16.0'	

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
	12.0	Light Brown f-m SAND, some Silt (moist, FILL)	PID= Photoionization
1	15.0		Detector
			BG= Background,
2	BG		measured in parts per
			million.
3		Dark Grey- Brown f-m SAND, some f. Gravel	
		(moist, FILL)	Organic odor noted
4	BG	Light Brown f-m SAND, some Silt (moist, FILL)	at 2.5'- 3.0'
5			S-1: 0-4'
	10.8		S-2: 4'-8'
6	11.3		S-3: 8'-12'
			S-4: 12'-16'
7	BG		
8			
9	BG		
10			
	3.0	Contains tr. gravel	
11	2.8		
12	BG		
13			
14	BG		
15			
16		Direct Push Complete at 16.0'	

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1	BG	Light Brown f-m SAND and Silt, tr. gravel (moist, FILL)	PID= Photoionization Detector
2	3.7		BG= Background, measured in parts per million.
3	2.2		
4	BG		S-1: 0-4' S-2: 4'-8' S-3: 8'-12'
5	BG		
6	BG		
7			
8	2.8 4.0	Contains little f. Gravel	
9			
10	BG		
11			
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-6
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Brown SILT and f. Sand, little fine Gravel (moist)	PID= Photoionization Detector
1			
			BG= Background,
2	BG		measured in parts per million.
3			
		Dark Brown SAND, little Clay, tr. gravel	S-1: 0'-4'
4		(moist)	S-2: 4'-8'
	0.8		S-3: 8'-12'
5	2.5		S-4: 12'-16'
	0.3		
6	1.8		
		Becomes f-m Sand	
7			
8			
	1.2	Becomes Light Brown f-m Sand, contains little Silt, tr. gravel	
9	3.8	(moist)	
10			
11	BG		
12			
	1.5	Becomes Brown fine Sand, contains some Silt (moist)	
13	3.4		
14			
15	BG		
16		Direct Push Complete at 16.0'	

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-7
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1	BG	TOPSOIL (1.0')	PID= Photoionization Detector
		Crush Gravel	BG= Background,
2		Brown f-m SAND, some f-c Gravel, little Silt (moist)	measured in parts per million.
3			
	1.7		S-1: 0-4'
4			S-2: 4'-8'
			S-3: 8'-12'
5	BG		
6			
7			
	2.2	Brown f-c GRAVEL and f-c Sand, tr. silt (moist)	
8			
9	BG		
10			
	0.3		
11			
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-8
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1	BG	TOPSOIL (1.0')	PID= Photoionization Detector
2		Light Brown f-m SAND, tr. silt, tr. gravel (moist)	BG= Background, measured in parts per million.
3	0.2		
4	BG		S-1: 0'-4' S-2: 4'-8' S-3: 8'-12'
5			
6			
7	0.4	Brown f-c GRAVEL, some f-c Sand, some Silt (moist)	
8	BG		
9			Poor Recovery Sample #3
10			
11	BG	Contains and f-c Sand, tr. silt	
12	BG		
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 1 OF 2

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-9
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
	BG	TOPSOIL (0.5')	PID= Photoionization
1		Light Brown to Brown f-m SAND, tr. gravel, tr. silt (moist, possible FILL)	Detector
			BG= Background,
2			measured in parts per
	0.3	Contains little Silt	million.
3			
			S-1: 0'4'
4			S-2: 4'-8'
	0.4	Brown fine to medium SAND, tr. gravel, tr. silt (moist)	S-3: 8'-12'
5			S-4: 12'-16'
	0.4		S-5: 16'-20'
6			
	0.3		
7			
	BG		
8			
9			
	1.2		
10			
	2.2		
11			
	0.3		
12			
	BG		
13			
	0.4		
14			
		Brown f-c GRAVEL and fine to medium Sand (moist)	
15	BG		
		Brown f-m SAND, tr. gravel, tr. silt	
16		(moist)	

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/9/2008
FINISHED 9/9/2008
SHEET 2 OF 2

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-9
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
17	BG	Becomes fine to coarse SAND, contains tr. gravel (moist)	PID= Photoionization Detector
18			BG= Background, measured in parts per
19	BG	Light Brown to Grey f-c GRAVEL, some f-c Sand, tr. silt (moist)	million.
20			
21		Direct Push Complete at 20.0'	
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-10
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
	BG	TOPSOIL (0.5')	PID= Photoionization
1		Dark Brown f-c SAND, some fine to coarse Gravel	Detector
		(moist, FILL)	BG= Background,
2			measured in parts per
	0.3		million.
3			
	0.8		S-1: 0-4'
4			S-2: 4'-8'
			S-3: 8'-12'
5	BG		
6			
		Light Brown to Grey f-m SAND, little f. Gravel, tr. clay (moist)	
7	BG		
8			
9	BG		
10			
11	BG		
		Light Brown f-c SAND and f-c Gravel, tr. silt (moist)	
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-11
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1	0.1	TOPSOIL (1.0')	PID= Photoionization Detector
2		Dark Brown f-c GRAVEL, some f-c Sand (moist, FILL)	BG= Background, measured in parts per million.
3	1.4	Light Brown f-m SAND, tr. gravel (moist, FILL)	
4			
5	0.2	Contains occasional Clay nodules	S-1: 0-4' S-2: 4'-8' S-3: 8'-12'
6			
7	0.1		
8			
9	0.6	Light Brown f-c SAND, little Silt (moist)	
10	BG		
11			
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-12
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		TOPSOIL (1.0')	PID= Photoionization Detector
2	BG	Brown f-m SAND, tr. silt, tr. gravel (moist, FILL)	BG= Background, measured in parts per million.
3			
4	0.1		S-1: 0-4' S-2: 4'-8'
5	BG	Contains little Silt	S-3: 8'-12'
6			
7	0.3	Becomes Light Brown f-c SAND, little Silt, tr. gravel (moist)	
8			
9	BG		
10			
11	BG		
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-13
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
	BG	TOPSOIL (0.5')	PID= Photoionization
1		Light Brown SAND, tr. clay (moist, FILL)	Detector
			BG= Background,
2			measured in parts per
	0.2		million.
3		Contains little Silt, tr. gravel	
			S-1: 0-4'
4			S-2: 4'-8'
	0.3	Brown f-c GRAVEL and f-c Sand, tr. silt (moist, FILL)	S-3: 8'-12'
5			
	0.1		
6			
		Light Brown to Grey f-c SAND, little f. Gravel (moist)	
7			
	0.2		
8			
		Brown f-c GRAVEL and f-c Sand, tr. silt (moist)	
9			
	BG		
10			
11	BG		
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-14
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		TOPSOIL (0.1')	PID= Photoionization
1	BG	Brown Fine SAND and Silt, tr. clay (moist, FILL)	Detector
			BG= Background,
2			measured in parts per
	BG		million.
3		Light Brown SAND, little Silt, tr. gravel (moist, FILL)	
			S-1: 0'- 4'
4			S-2: 4'- 8'
	BG	Brown f-c SAND and f-c Gravel (moist, FILL)	S-3: 8'-12'
5			
6			
	1.1		
7			
8			
	BG		
9			
10			
	BG	Contains tr. silt	
11			
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-15
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		TOPSOIL (1.0')	PID= Photoionization
1	1.4		Detector
		Brown Fine SAND and Silt, tr. clay (moist, FILL)	BG= Background,
2			measured in parts per
	1.6		million.
3			
			S-1: 0'-4'
4			S-2: 4'-8'
	0.2	Brown f-c GRAVEL and f-c Sand	S-3: 8'-12'
5		(moist, FILL)	
6	BG		
7			
8			
		Brown f-c GRAVEL and f-c Sand (moist)	
9	BG		
10			
11	BG	Contains little f-c Sand	
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:
STARTED 9/10/2008
FINISHED 9/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
DIRECT PUSH LOG

HOLE NO. SB-16
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION SITE
PROJ. NO.: BEV-08-028
LOCATION: 100 EAST LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		TOPSOIL (0.5')	PID= Photoionization
1	0.0	Light Brown fine to medium SAND, some f-c Gravel (moist, FILL)	Detector
			BG= Background,
2	BG		measured in parts per
			million.
3			
	0.5	Becomes Dark Brown f-c SAND, some Clay (moist, FILL)	S-1: 0-4'
4			S-2: 4'-8'
		Contains some Silt, tr. gravel	S-3: 8'-12'
5			
6	BG		
7			
	20.7		
8			
		8.0'- 12.0' Dark Brown CLAY, little f-c Sand, tr. gravel (moist)	
9			
	12.9		
10			
11			
	BG		
12			
13		Direct Push Complete at 12.0'	
14			
15			
16			

DRILLER: R. STEINER **DRILL RIG TYPE:** SIMCO **CLASSIFIED BY:** GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

Western New York Office
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Fax: (716) 649-8051

TEST PIT FIELD LOG

DATE	11/18/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-1
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1000	CAPACITY	0.3 CY
TIME FINISHED	1010	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown f-c SAND, some f-m Gravel, little Silt (FILL)	M	
2'	Brown- Tan Sandy SILT to Silty Sand, little f Gravel (FILL)	M	
3'		M	
4'		M	
5'	Test Pit Complete at 4.0'		
6'			
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/18/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-2
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1030	CAPACITY	0.3 CY
TIME FINISHED	1045	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	**TOPSOIL**	M	
	Brown- Tan Sandy SILT to Silty Sand, little f-c Gravel, tr. clay (FILL)	M	
2'		M	
3'		M	
4'		M	
5'	**Test Pit Complete at 5.0'**		
6'			
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/18/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-3
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1100	CAPACITY	0.3 CY
TIME FINISHED	1115	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown- Tan Sandy SILT to Silty Sand, little f-c Gravel, tr. clay (FILL)	M	
2'		M	
3'		M	
4'		M	
5'		M	
6'	Test Pit Complete at 5.0'		
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/18/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-4
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1145	CAPACITY	0.3 CY
TIME FINISHED	1200	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown- Tan Silty SAND to Sandy Silt, little f-c Gravel, tr. clay (FILL)	M	
2'		M	
3'		M	
4'		M	
5'		M	
6'		M	
7'	Brown f-c SAND and f-c Gravel (compact, FILL)	Hard	
8'	Test Pit Complete at 7.0'		
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/18/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-5
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1315	CAPACITY	0.3 CY
TIME FINISHED	1330	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Black- Brown Sandy SILT, some f-c Gravel, tr. clay (FILL)	E	
2'		E	
3'		E	
4'	Greyish- Black Silty Clay, some f-c Sand, little f-c Gravel (FILL)	E	
5'		E	
6'	Contains little organics	E	
7'		E	
8'		E	
9'		E	
10		E	
11'		E	
12'	Contains little Wood Fragments, Glass, Plastic Bottles, Wire, etc. (general rubble FILL)	E	
13'		E	
14'	Grey- Olive f-c SAND and f-c Gravel, little Silt	E	
	Test Pit Complete at 14.0'		

Remarks:

1. No GW encountered upon completion.
2. No petroleum odor/ discoloration

Analytical sample taken at surface (SS-1 (TP-5)) (metals- sVOCs)

Analytical sample taken at 11' (sVOCs-PCB-Metals)

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

PROJECT	PENN- EMPIRE TRANSPORTATION	DATE	11/18/2008
CLIENT	NYSDEC	LOCATION	CELORON, NY
CONTRACTOR	EMPIRE GEO SERVICES, INC.	TEST PIT NO.	TP-6
FIELD REP	J. METZGER	PROJECT NO.	BEV-08-028
		WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1430	CAPACITY	0.3 CY
TIME FINISHED	1530	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown- Grey Silty SAND to Sandy Silt, some f-c Gravel, tr. clay (FILL)	E	0.0
2'		E	
3'	Contains tr. asphalt fragments	E	
4'		E	0.0
5'		E	
6'	Wood logs approximately 2 -.2.5' in diameter excavated Contains tr. roots	E	
7'		E	3.8
8'		E	
9'	Small metal drum excavated	E	0.0
10		E	
11'		E	0.0
12'		E	
13'		E	
14'		E	0.0
	Olive- Grey f-c SAND and f-c Gravel, little Silt	E	

Remarks:

1. GW slowly infiltrating excavation at 15' bgs.
2. No petroleum odor

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

PROJECT	PENN- EMPIRE TRANSPORTATION	DATE	11/18/2008
CLIENT	NYSDEC	LOCATION	CELORON, NY
CONTRACTOR	EMPIRE GEO SERVICES, INC.	TEST PIT NO.	TP-6
FIELD REP	J. METZGER	PROJECT NO.	BEV-08-028
		WEATHER / TEMP	SNOW-OVERCAST/ ~30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1430	CAPACITY	0.3 CY
TIME FINISHED	1530	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
	Test Pit Complete at 15.0'		
16'			
17'			
18'			
19'			
20'			
21'			
22'			
23'			
24'			
25'			
26'			
27'			
28'			
29'			

Remarks:

1. **GW slowly infiltrating excavation at 15' bgs.**
2. **No petroleum odor**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/19/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-7
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	0845	CAPACITY	0.3 CY
TIME FINISHED	0930	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown- Grey Silty SAND, some f-c Gravel, tr. clay (FILL)	E	
2'	Contains little Organics	E	
3'		E	
4'		E	
5'		E	
6'		E	
7'	Contains tr. wood fragments	E	
8'		E	
9'	Contains tr. brick fragments	E	
10		E	
11'		E	
12'		E	
13'		E	
14'	Olive- Grey f-c SAND and f-c Gravel	E	
	Test Pit Complete at 14.0'		

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

PROJECT	PENN- EMPIRE TRANSPORTATION	DATE	11/19/2008
CLIENT	NYSDEC	LOCATION	CELORON, NY
CONTRACTOR	EMPIRE GEO SERVICES, INC.	TEST PIT NO.	TP-8
FIELD REP	J. METZGER	PROJECT NO.	BEV-08-028
		WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	0940	CAPACITY	0.3 CY
TIME FINISHED	1015	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
	TOPSOIL	E	
1'	Brown Sandy SILT to Silty Sand, little f-c Gravel (FILL)	E	
2'		E	
3'	Contains occassional topsoil layers	E	
4'		E	
5'		E	
6'		E	
7'		E	
8'		E	
9'		E	
10		E	
11'		E	
12'	Contains some f-c Gravel	E	
13'		E	
14'		E	
	Test Pit Complete at 14.0'		

Remarks:

1. No GW encountered upon completion.
2. No petroleum odor/ discoloration

Analytical sample taken at 2' (metals-sVOCs)

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/19/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-9
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1030	CAPACITY	0.3 CY
TIME FINISHED	1100	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown f-c SAND and f-c Gravel, little Silt (FILL)	E	
2'		E	
3'		E	
4'	Contains tr. wood fragments	E	
5'		E	
6'		E	
7'	Brown- Tan Sandy SILT, little f-c Gravel	E	
8'		E	
9'	Test Pit Complete at 8.0'		
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/19/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-10
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1115	CAPACITY	0.3 CY
TIME FINISHED	1145	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown f-c SAND and f-c Gravel, some Silt, tr. clay, tr. organics (FILL)	E	
2'		E	
3'		E	
4'		E	
5'	Black- Grey Silty CLAY to Clayey Silt, some organics (FILL)	E	
6'		E	
7'	Brown- Tan Sandy SILT to Silty Sand, little f-c Gravel	E	
8'		H	
9'		H	
10	Contains little Cobble	H	
11'		H	
12'		H	
13'		H	
14'	Test Pit Complete at 13.0'		

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/19/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-11
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1200	CAPACITY	0.3 CY
TIME FINISHED	1230	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown- Tan Sandy SILT to Silty Sand, little f-c Gravel, tr. organics, tr. brick fragments (FILL)	E	
2'		E	
3'		E	
4'		E	
5'	Dark Brown Sandy SILT, some Organics, tr. concrete fragments, tr. brick fragments, tr. gravel (FILL)	E	
6'		E	
7'		E	
8'		E	
9'		E	
10		E	
11'		E	
12'	Grey- Olive f-c SAND and f-c Gravel, little Silt		
13'	Test Pit Complete at 12.0'		
14'			

Remarks:

1. No GW encountered upon completion.
2. No petroleum odor/ discoloration

Analytical sample taken at 5' (metals-sVOCs, PCBs)

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/19/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-12
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1320	CAPACITY	0.3 CY
TIME FINISHED	1350	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
	TOPSOIL	E	0.0
1'	Brown- Tan f-c SAND and f-c Gravel, little Silt, tr. organics (FILL)	E	0.0
2'		E	0.0
3'		E	0.0
4'	Contains tr. asphalt fragments	E	0.0
	Tan- Brown Silty SAND, little Gravel, tr. organics (FILL)	E	0.0
5'		E	0.0
6'		E	0.0
7'		E	0.0
8'		E	0.0
9'		E	0.0
10	Test Pit Complete at 9.5'		
11'			
12'			
13'			
14'			

Remarks:

1. No GW encountered upon completion.
2. No petroleum odor/ discoloration

Analytical sample taken at surface (metals-sVOCs-PCB)
Analytical sample taken at 4' (VOCs)

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

Western New York Office
5167 South Park Avenue
Hamburg, NY 14075
Phone: (716) 649-8110
Fax: (716) 649-8051

TEST PIT FIELD LOG

		DATE	11/19/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-13
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1415	CAPACITY	0.3 CY
TIME FINISHED	1445	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown Silty SAND to Sandy Silt, little f-c Gravel, tr. clay, tr. concrete fragments, tr. asphalt fragments (FILL)	E	0.0
2'		E	0.0
3'		E	0.0
4'		E	0.0
5'	Test Pit Complete at 4.0'		
6'			
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered upon completion.**
2. **No petroleum odor/ discoloration**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/19/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-14
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1445	CAPACITY	0.3 CY
TIME FINISHED	1515	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown- Grey Sandy SILT, some f-c Gravel, tr. organics (FILL) Contains tr. clay	E	
2'		E	
3'		E	
4'	pea stone	E	
5'	Test Pit Complete at 4.0'		
6'			
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**
3. **PVC pipe encountered at 4' bgs.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

		DATE	11/19/2008
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-15
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1515	CAPACITY	0.3 CY
TIME FINISHED	1545	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	Brown Sandy SILT, little Gravel, tr. concrete fragments (FILL)	E	
2'		E	
3'		E	
4'	Brown- Tan f-c SAND, little Silt, tr. gravel, tr. clay	E	
5'	Test Pit Complete at 4.5'		
6'			
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/20/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-16
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	Snow/Overcast~15-30 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	0900	CAPACITY	0.3 CY
TIME FINISHED	0930	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	REMARK NO.
1'	TOPSOIL	E	
2'	Brown Sandy SILT, little f-c Gravel, tr. clay (FILL)	E	
3'		E	
4'		E	
5'	Contains tr. asphalt	E	
6'		E	
7'		E	
8'		E	
9'	Brown- Tan f-c SAND, little Silt, tr. gravel	E	
10	Test Pit Complete at 9.0'		
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/20/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-17
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW/OVERCAST ~25 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	0945	CAPACITY	0.3 CY
TIME FINISHED	1000	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown f-c SAND and f-c Gravel, little Silt, tr. clay (FILL)	E	0.0
2'		E	
3'		E	0.0
4'	Contains some Silt	E	
5'		E	0.0
6'	Test Pit Complete at 5.5'		
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/20/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-18
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW/OVERCAST ~25 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	0950	CAPACITY	0.3 CY
TIME FINISHED	1015	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown f-c SAND and f-c Gravel, little Silt,tr. clay (FILL)	E	0.0
2'		E	0.0
3'		E	0.0
4'		E	0.0
5'		E	0.0
6'	Test Pit Complete at 4.5'		
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/20/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-19
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW/OVERCAST ~25 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1030	CAPACITY	0.3 CY
TIME FINISHED	1100	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown Sandy SILT, little f-c Gravel (FILL)	E	2.0
2'		E	
3'		E	4.6
	Brown f-c SAND and f-c Gravel, tr. silt, tr. clay	E	
4'		E	2.0
5'		E	
6'		E	1.0
7'	Brown Sandy SILT, tr. gravel		
8'	Test Pit Complete at 7.0'		
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **Slight diesel odor/ no discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

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TEST PIT FIELD LOG

DATE	11/20/2008		
PROJECT	PENN- EMPIRE TRANSPORTATION	LOCATION	CELORON, NY
CLIENT	NYSDEC	TEST PIT NO.	TP-20
CONTRACTOR	EMPIRE GEO SERVICES, INC.	PROJECT NO.	BEV-08-028
FIELD REP	J. METZGER	WEATHER / TEMP	SNOW/OVERCAST ~25 Degrees F
EXCAVATION EQUIP		OPERATOR	R. STEINER
GROUND ELEV		MAKE/ MODEL	FORD 555E
TIME STARTED	1100	CAPACITY	0.3 CY
TIME FINISHED	1145	REACH	18.5 FT

DEPTH	SOIL DESCRIPTION	EXCAV EFFORT	PID
1'	Brown Sandy SILT, little f-c Gravel, tr. clay	E	0.0
2'		E	0.0
3'		E	0.0
4'	same	E	0.0
5'		E	0.0
6'	Test Pit Complete at 5.5'		
7'			
8'			
9'			
10			
11'			
12'			
13'			
14'			

Remarks:

1. **No GW encountered at completion.**
2. **No petroleum odor/ discoloration.**

ABREVIATIONS		PROP USED	
F - FINE	F/M - FINE TO MEDIUM	TRACE (TR.)	0-10%
C - COARSE	F/C-FINE/COARSE	LITTLE (LI.)	10 - 20%
GR - GRAY	M - MEDIUM	SOME (SO.)	20 -35%
BN - BROWN	V-VERY	AND	35 - 50%
YEL-YELLOW			

DATE
START 12/10/2008
FINISH 12/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-1
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION
PROJ. NO.: BEV-08-028
LOCATION: 100 E. LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
								PID= Photoionization Detector
								BG= Background measured in parts per million
5								
	1	3	3				Brown f-c SAND, some fine Gravel, little Silt	
10		3	3		6	BG	(moist, FILL)	
	2	3	3					
		2	3		5	BG		
	3	6	5				Brown- Grey f-c SAND, some fine Gravel, little Silt	
		4	5		9	BG	(moist, loose)	
15	4	5	6					
		3	4		9	BG	Brown f-c GRAVEL and f-c Sand, little Silt	
	5	7	5				(moist, loose)	
		6	7		11	BG	Contains some f-c Sand (firm)	
	6	10	11					Possible cobble fragments
20		27	20		38	BG	(compact)	Sample #6.
	7	10	14				Becomes Grey Fine Gravel, some f-c Sand,	
		16	12		28	BG	some Clayey Silt (moist, firm)	
	8	15	11				Becomes f-c Gravel	
		14	11		25	BG		
25	9	8	6					
		6	9		12	BG	Grey Silty CLAY, some f-c Sand, little f-c Gravel	
	10	9	7				(moist, firm)	
		22	50/0.2		29	BG		
30							Boring Complete at Sampler Refusal at 27.7' and Auger Refusal at 28.0'	No Free Standing Water Encountered at Boring Completion
35								
40								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: D. MATTHIES

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 12/10/2008
FINISH 12/10/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION
PROJ. NO.: BEV-08-028
LOCATION: 100 E. LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
	1	3	2				Brown f-c SAND, little fine Gravel, little Clayey Silt	PID= Photoionization
		2	2		4	BG	(moist, possible FILL, loose)	Detector
	2	2	2				Becomes Orange- Brown, contains some Clayey Silt	BG= Background,
		3	3		5	BG		measured in parts per
5	3	4	3				Brown Fine SAND, some Clayey Silt, little f-c Gravel	million
		5	7		8	BG	(moist, loose, possible FILL)	
	4	7	4					
		5	5		9	BG		
	5	4	10				Brown f-m Sand, little Silt, tr. gravel	
10		6	11		16	BG	(moist, firm)	
	6	4	16					No Recovery Sample #6
		12	20		28	BG		
	7	14	19				Becomes f-c Sand, some fine Gravel, little Silt	
		17	20		36	BG	(compact)	
15	8	28	14					
		15	12		29	BG	(firm)	
	9	5	8				Contains tr. gravel	
		7	6		15	BG	Brown SILT and fine Sand (moist, firm)	
	10	8	10				Brown f-c SAND and f-c Gravel, little Silt (moist, firm)	Poor Recovery Sample #10
20		11	11		21	BG		
	11	1	11				Brown f-c GRAVEL, some f-c Sand, tr. clayey silt	
		12	12		23	BG	(wet, firm)	
	12	11	16				Contains and f-c Sand, little Clayey Silt	
		10	12		26	BG		
25	13	16	27				Brown f-c SAND, some f-c Gravel, little Clayey Silt	
		22	19		49	BG	(moist, compact)	
	14	16	27				Becomes Grey, contains some Clayey Silt,	
		22	12		49	BG	little f-c Gravel	
30							Boring Complete at 28.0'	No Free Standing Water Measurement Obtained at Boring Completion
35								
40								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: D. MATTHIES

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 12/11/2008
FINISH 12/11/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-3
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION
PROJ. NO.: BEV-08-028
LOCATION: 100 E. LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.		SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
									PID= Photoionization Detector
									BG= Background, measured in parts per million
5									
		1	5	16				Brown f-c SAND and fine Gravel, little Silt, occasional	
10			18	26		34	BG	Cobble (moist, FILL)	
		2	28	9					
			7	5		16	BG	Brown Fine SAND, little Silt (moist, firm)	
		3	10	9					
			8	8		17	BG	Contains tr. gravel	
15		4	15	9					Poor Recovery Sample #4
			11	12		20	BG	Contains little fine Gravel	
		5	17	15				Brown f-c GRAVEL and f-c Sand, little Silt,	
			15	15		30	BG	occasional Cobble (moist, firm)	
		6	17	9				Grey Clayey SILT, some f-c Sand, little fine Gravel	
20			10	9		19	BG	(moist, firm)	
		7	21	15				Grey f-c GRAVEL, some f-c Sand, some Clayey Silt	
			16	17		31	BG	(moist, compact)	
		8	17	27					
			25	26		52	BG	(v. compact)	
25		9	10	13					
			20	34		33	BG	(compact)	REF= Sample Spoon Refusal
		10	24	20					
			18	21		38	BG		
		11	7	50/0.2		REF	BG	(v. compact)	Possible weathered rock Sample #'s 10 & 11.
30									
								Boring Complete with Auger Refual at 32.5'	No Free Standing Water Encountered at Boring Completion
35									
40									

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: D. MATTHIES

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 12/11/2008
FINISH 12/11/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-4
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION
PROJ. NO.: BEV-08-028
LOCATION: 100 E. LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
								PID= Photoionization Detector
								BG= Background, measured in parts per million
5								
	1	6	6				Light Brown Fine SAND, some Silt	
10		8	8		14	BG	(moist, firm, possible FILL)	
	2	3	6					
		5	6		11	BG		
	3	4	8				Contains occasional Silt seams	
		8	7		16	BG		
15	4	16	24				Grey- Brown f-c SAND, little fine Gravel, little Silt	
		18	24		42	BG	(moist, compact)	
	5	30	30				Brown SILT, little fine Sand, tr. clay partings,	
		20	17		50	BG	occasional f-c Sand seams (moist, v. compact)	
	6	18	24					No Recovery Sample #6
20		22	21		46	BG	(compact)	
	7	12	12				Red- Brown Fine SAND, some Silt, little f-c Gravel	
		13	8		25	BG	(moist, firm)	
	8	7	9				Becomes Grey, tr. gravel	
		8	8		17	BG		
25	9	4	8				Becomes Brown f-c Sand and f-c Gravel, tr. silt	
		7	8		15	BG		
	10	7	10					
		12	14		22	BG	(wet)	
	11	3	6				Brown f-c GRAVEL, some f-c Sand, tr. silt (wet, firm)	
30		9	9		15	BG		
	12	11	12					
		8	9		20	BG	Grey f-c SAND, some Clayey Silt, little fine Gravel	
							(moist, firm)	
35							Boring Complete at 32.0'	Free Standing Water Encountered at 27.5' at Boring Completion
40								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: A. KOSKE

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 12/12/2008
FINISH 12/12/2008
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-5
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: PENN EMPIRE TRANSPORTATION
PROJ. NO.: BEV-08-028
LOCATION: 100 E. LIVINGSTON AVE.
CELORON, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
								PID= Photoionization Detector
								BG= Background, measured in parts per million
5								
	1	12	7				Brown f-m SAND, some Silt, tr. clay	
10		5	5		12	BG	(moist, firm)	
	2	6	4					
		2	5		6	BG	(loose)	
	3	12	7					
		11	8		18	BG	Contains some fine Gravel (wet, firm)	
15	4	3	5					
		19	19		24	BG	Contains tr. gravel	
	5	11	8					
		9	9		17	BG	(moist)	
	6	15	11				Brown f-c GRAVEL, some f-m Sand, little Silt	
20		10	16		21	BG	(moist, firm)	
							Boring Complete at 20.0'	No Free Standing Water Measurement Obtained at Boring Completion
25								
30								
35								
40								

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: A. KOSKE

DRILL RIG TYPE : CME-550X

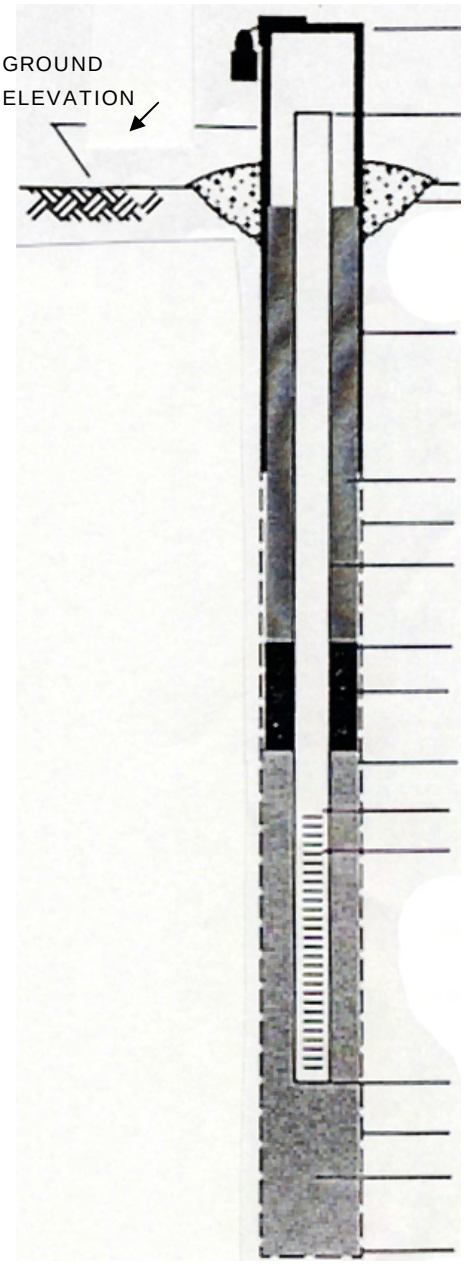
METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

ATTACHMENT C

Monitoring Well Diagrams

MONITORING WELL COMPLETION RECORD

PROJECT:	Penn Empire Transportation		
PROJECT NUMBER:	BEV-08-028	DRILLING METHOD:	ASTM D-1586
WELL NUMBER:	MW-2	GEOLOGIST:	S. Bochenek
DRILLER:	D. Matthies	INSTALLATION DATE(S):	12/10/08



ELEVATIONS/ TOP OF SURFACE CASING: N/A

STICK- UP/ TOP OF SURFACE CASING: N/A

ELEVATION/ TOP OF RISER PIPE: N/A

STICK- UP/ TOP OF RISER PIPE: 2.0'

TYPE OF SURFACE SEAL: Concrete

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Galvanized

TYPE OF BACKFILL: Cement Grout

BOREHOLE DIAMETER: 9"

I.D. OF RISER PIPE: 2"

TYPE OF RISER PIPE: PVC

DEPTH OF SEAL: 13.5'

TYPE OF SEAL: Bentonite Chips

DEPTH OF SAND PACK: 16.0'

DEPTH TOP OF SCREEN: 18.0'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.10"x10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: #1 Silica Sand

DEPTH BOTTOM OF SCREEN: 28.0'

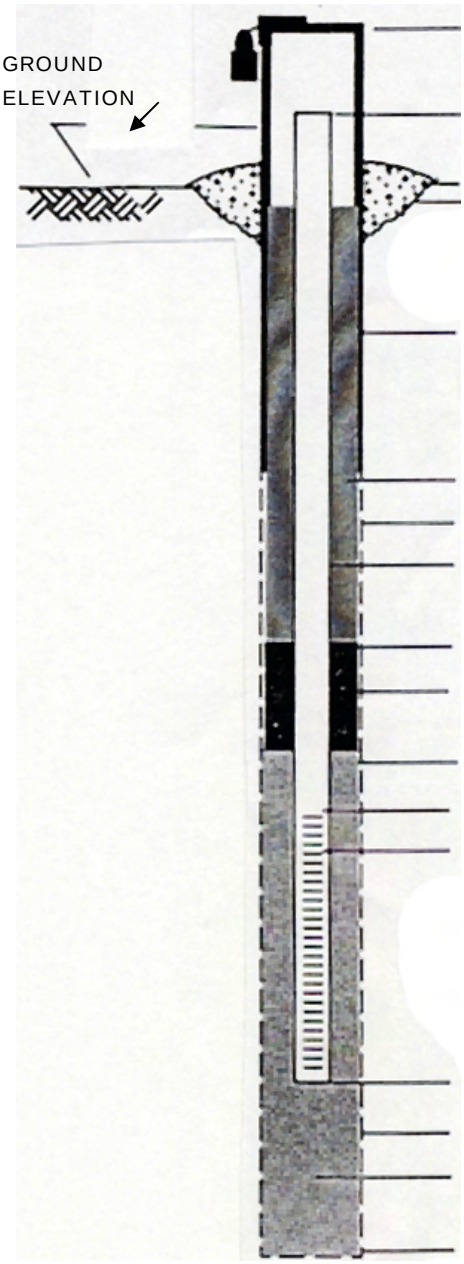
DEPTH BOTTOM OF SAND PACK: 28.0'

TYPE OF BACKFILL BELOW OBSERVATION WELL: N/A

ELEVATION/ DEPTH OF HOLE: 28.0'

MONITORING WELL COMPLETION RECORD

PROJECT:	Penn Empire Transportation		
PROJECT NUMBER:	BEV-08-028	DRILLING METHOD:	ASTM D-1586
WELL NUMBER:	MW-4	GEOLOGIST:	S. Bochenek
DRILLER:	A. Koske	INSTALLATION DATE(S):	12/11/08



ELEVATIONS/ TOP OF SURFACE CASING: N/A

STICK- UP/ TOP OF SURFACE CASING: N/A

ELEVATION/ TOP OF RISER PIPE: N/A

STICK- UP/ TOP OF RISER PIPE: 2.0'

TYPE OF SURFACE SEAL: Concrete

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Galvanized

TYPE OF BACKFILL: Cement Grout

BOREHOLE DIAMETER: 9"

I.D. OF RISER PIPE: 2"

TYPE OF RISER PIPE: PVC

DEPTH OF SEAL: 18.0'

TYPE OF SEAL: Bentonite Chips

DEPTH OF SAND PACK: 20.0'

DEPTH TOP OF SCREEN: 22.0'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.10"x10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: #1 Silica Sand

DEPTH BOTTOM OF SCREEN: 32.0'

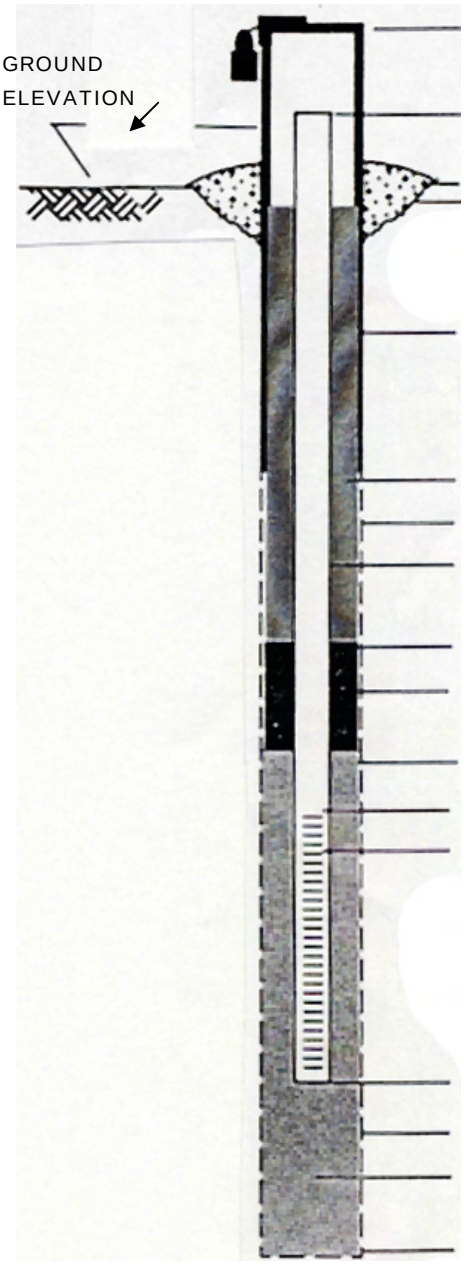
DEPTH BOTTOM OF SAND PACK: 32.0'

TYPE OF BACKFILL BELOW OBSERVATION WELL: N/A

ELEVATION/ DEPTH OF HOLE: 32.0'

MONITORING WELL COMPLETION RECORD

PROJECT:	Penn Empire Transportation		
PROJECT NUMBER:	BEV-08-028	DRILLING METHOD:	ASTM D-1586
WELL NUMBER:	MW-5	GEOLOGIST:	T. Hellert
DRILLER:	A. Koske	INSTALLATION DATE(S):	12/12/08



ELEVATIONS/ TOP OF SURFACE CASING: N/A

STICK- UP/ TOP OF SURFACE CASING: N/A

ELEVATION/ TOP OF RISER PIPE: N/A

STICK- UP/ TOP OF RISER PIPE: 3.0'

TYPE OF SURFACE SEAL: Concrete

I.D. OF SURFACE CASING: 4"

TYPE OF SURFACE CASING: Galvanized

TYPE OF BACKFILL: Cement Grout

BOREHOLE DIAMETER: 9"

I.D. OF RISER PIPE: 2"

TYPE OF RISER PIPE: PVC

DEPTH OF SEAL: 6.0'

TYPE OF SEAL: Bentonite Chips

DEPTH OF SAND PACK: 7.5'

DEPTH TOP OF SCREEN: 10.0'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: 0.10"x10'

I.D. OF SCREEN: 2"

TYPE OF SAND PACK: #1 Silica Sand

DEPTH BOTTOM OF SCREEN: 20.0'

DEPTH BOTTOM OF SAND PACK: 20.0'

TYPE OF BACKFILL BELOW OBSERVATION WELL: N/A

ELEVATION/ DEPTH OF HOLE: 20.0'

ATTACHMENT D

TestAmerica's Analytical Reports

ANALYTICAL REPORT

Job#: A08-B179

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Penn Empire Site: Site #907034

Mr. Chad Staniszewski
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Tom Hellert

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

09/26/2008

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TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8B17901	B-16	SOIL	09/10/2008	14:30	09/12/2008	10:45

METHODS SUMMARY

Job#: A08-B179

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
NYSDEC -S-METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
NYSDEC-SPILLS- 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-B179

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-B179
Sample Cooler(s) were received at the following temperature(s); 6.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The recovery of multiple analytes in the Matrix Spike and in the Matrix Spike Duplicate of sample B-16 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

The analyte Methylene Chloride was detected in the Method Blank at a level above the project established reporting limit. Samples had levels of Methylene Chloride less than ten times that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

_____

Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
B-16	A8B17901	8270	5.00	012

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: B-16
Lab Sample ID: A8B17901
Date Collected: 09/10/2008
Time Collected: 14:30

Date Received: 09/12/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,1,2-Trichloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,1-Dichloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,1-Dichloroethene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2-Dibromoethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2-Dichlorobenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2-Dichloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,2-Dichloropropane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,3-Dichlorobenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
1,4-Dichlorobenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
2-Butanone	10	J	33	UG/KG	8260	09/13/2008 02:07	CDC
2-Hexanone	ND		33	UG/KG	8260	09/13/2008 02:07	CDC
4-Methyl-2-pentanone	ND		33	UG/KG	8260	09/13/2008 02:07	CDC
Acetone	67	B	33	UG/KG	8260	09/13/2008 02:07	CDC
Benzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Bromodichloromethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Bromoform	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Bromomethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Carbon Disulfide	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Carbon Tetrachloride	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Chlorobenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Chloroethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Chloroform	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Chloromethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Cyclohexane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Dibromochloromethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Dichlorodifluoromethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Ethylbenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Isopropylbenzene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Methyl acetate	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Methylcyclohexane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Methylene chloride	14	B	6	UG/KG	8260	09/13/2008 02:07	CDC
Styrene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Tetrachloroethene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Toluene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Total Xylenes	ND		20	UG/KG	8260	09/13/2008 02:07	CDC
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Trichloroethene	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Trichlorofluoromethane	ND		6	UG/KG	8260	09/13/2008 02:07	CDC
Vinyl chloride	ND		13	UG/KG	8260	09/13/2008 02:07	CDC

Sample ID: B-16
Lab Sample ID: A8B17901
Date Collected: 09/10/2008
Time Collected: 14:30

Date Received: 09/12/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,4,5-Trichlorophenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,4,6-Trichlorophenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,4-Dichlorophenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,4-Dimethylphenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,4-Dinitrophenol	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
2,4-Dinitrotoluene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2,6-Dinitrotoluene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2-Chloronaphthalene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2-Chlorophenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2-Methylnaphthalene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2-Methylphenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
2-Nitroaniline	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
2-Nitrophenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
3,3'-Dichlorobenzidine	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
3-Nitroaniline	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
4,6-Dinitro-2-methylphenol	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
4-Bromophenyl phenyl ether	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
4-Chloro-3-methylphenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
4-Chloroaniline	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
4-Chlorophenyl phenyl ether	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
4-Methylphenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
4-Nitroaniline	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
4-Nitrophenol	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
Acenaphthene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Acenaphthylene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Acetophenone	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Anthracene	49	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Atrazine	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzaldehyde	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzo(a)anthracene	220	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzo(a)pyrene	180	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzo(b)fluoranthene	210	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzo(ghi)perylene	120	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Benzo(k)fluoranthene	110	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Biphenyl	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Bis(2-chloroethoxy) methane	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Bis(2-chloroethyl) ether	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Bis(2-ethylhexyl) phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Butyl benzyl phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Caprolactam	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Carbazole	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Chrysene	190	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Di-n-butyl phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Di-n-octyl phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Dibenzo(a,h)anthracene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Dibenzofuran	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Diethyl phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Dimethyl phthalate	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ

Sample ID: B-16
Lab Sample ID: A8B17901
Date Collected: 09/10/2008
Time Collected: 14:30

Date Received: 09/12/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	520	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Fluorene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Hexachlorobenzene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Hexachlorobutadiene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Hexachlorocyclopentadiene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Hexachloroethane	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Indeno(1,2,3-cd)pyrene	98	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Isophorone	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
N-Nitroso-Di-n-propylamine	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
N-nitrosodiphenylamine	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Naphthalene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Nitrobenzene	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Pentachlorophenol	ND		2100	UG/KG	8270	09/17/2008 14:01	AJ
Phenanthrene	330	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
Phenol	ND		1100	UG/KG	8270	09/17/2008 14:01	AJ
Pyrene	360	J	1100	UG/KG	8270	09/17/2008 14:01	AJ
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1221	ND		22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1232	ND		22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1242	ND		22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1248	5.7	J	22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1254	12	J	22	UG/KG	8082	09/16/2008 23:41	DW
Aroclor 1260	ND		22	UG/KG	8082	09/16/2008 23:41	DW
Metals Analysis							
Aluminum - Total	11200		14.1	MG/KG	6010	09/15/2008 18:58	TWS
Antimony - Total	ND		21.1	MG/KG	6010	09/15/2008 18:58	TWS
Arsenic - Total	8.0		2.8	MG/KG	6010	09/15/2008 18:58	TWS
Barium - Total	192		0.70	MG/KG	6010	09/15/2008 18:58	TWS
Beryllium - Total	0.47		0.28	MG/KG	6010	09/15/2008 18:58	TWS
Cadmium - Total	0.35		0.28	MG/KG	6010	09/15/2008 18:58	TWS
Calcium - Total	3120		70.4	MG/KG	6010	09/15/2008 18:58	TWS
Chromium - Total	13.5		0.70	MG/KG	6010	09/15/2008 18:58	TWS
Cobalt - Total	5.7		0.70	MG/KG	6010	09/15/2008 18:58	TWS
Copper - Total	17.4		1.4	MG/KG	6010	09/15/2008 18:58	TWS
Iron - Total	18900		14.1	MG/KG	6010	09/15/2008 18:58	TWS
Lead - Total	46.0		1.4	MG/KG	6010	09/15/2008 18:58	TWS
Magnesium - Total	2100		28.2	MG/KG	6010	09/15/2008 18:58	TWS
Manganese - Total	836		0.28	MG/KG	6010	09/15/2008 18:58	TWS
Mercury - Total	0.12		0.028	MG/KG	7471	09/15/2008 14:16	MM
Nickel - Total	12.7		0.70	MG/KG	6010	09/15/2008 18:58	TWS
Potassium - Total	598		42.2	MG/KG	6010	09/15/2008 18:58	TWS
Selenium - Total	ND		5.6	MG/KG	6010	09/15/2008 18:58	TWS
Silver - Total	ND		0.70	MG/KG	6010	09/15/2008 18:58	TWS
Sodium - Total	ND		197	MG/KG	6010	09/15/2008 18:58	TWS
Thallium - Total	ND		8.4	MG/KG	6010	09/15/2008 18:58	TWS
Vanadium - Total	19.9		0.70	MG/KG	6010	09/15/2008 18:58	TWS

Sample ID: B-16
Lab Sample ID: A8B17901
Date Collected: 09/10/2008
Time Collected: 14:30

Date Received: 09/12/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	77.9		2.8	MG/KG	6010	09/15/2008 18:58	TWS

Chain of Custody Record

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TAL-4142 (0907)

Field	Entry
Client	NYSDEC REGION 9
Project Manager	~~Glen May (DEC)~~ CHAD STANISZEWSKI J Hellert
Date	9-10-08
Chain of Custody Number	393384
Address	~~East 1 Livingston Ave~~ 270 MICHIGAN AVE
Telephone Number (Area Code)/Fax Number	716 649 8110-EGS NYSDEC 716-851-7220
Lab Number	
Page ___ of ___	
City	~~Celoron~~ BUFFALO
State	NY
Zip Code	14203
Site Contact	
Lab Contact	
Project Name and Location (State)	~~Celoron~~ PENN EMPIRE SITE, CELORON, NY
Carrier/Waybill Number	
Contract/Purchase Order/Quote No.	SITE No. 907034

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260 Full	8270 Full	Metals TAL	PCB's	Special Instructions/ Conditions of Receipt
B-16	9-10-8	~~230~~ 1430				X		X						X	X	X	X	

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

Sample Disposal: ☐ 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 STD

QC Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]			1. [signature]	09-12-08	10:45
2.			2.		
3.			3.		

Comments: 6.0 °C

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

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TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-E934

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Penn Empire Site: Site #907034

Mr. Chad Staniszewski
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Tom Hellert

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

12/09/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 11/3/2008

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
USDOE	Department of Energy	DOECAP-STB
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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8E93401	SS-1 (TP-5)	SOIL	11/18/2008	12:00	11/21/2008	13:30
A8E93404	SS-2	SOIL	11/19/2008	10:15	11/21/2008	13:30
A8E93405	SS-3	SOIL	11/19/2008	10:20	11/21/2008	13:30
A8E93407	SS-4 (TP-12)	SOIL	11/19/2008	13:30	11/21/2008	13:30
A8E93406	TP-11 @ 5	SOIL	11/19/2008	12:15	11/21/2008	13:30
A8E93408	TP-12 @ 4	SOIL	11/19/2008	13:45	11/21/2008	13:30
A8E93409	TP-19 @ 3.5	SOIL	11/20/2008	10:45	11/21/2008	13:30
A8E93402	TP-5 @ 11	SOIL	11/18/2008	14:00	11/21/2008	13:30
A8E93403	TP-8 @ 2	SOIL	11/19/2008	10:00	11/21/2008	13:30

METHODS SUMMARY

Job#: A08-E934

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
NYSDEC -S-METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
NYSDEC-SPILLS- 8082 - POLYCHLORINATED BIPHENYLS-S	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-E934

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-E934
Sample Cooler(s) were received at the following temperature(s); 6.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The surrogate recovery for 2,4,6-Tribromophenol was below the laboratory quality control limits for sample SS-4(TP-12). Based on US EPA CLP National Functional Guidelines for Data Review, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit. All analytes associated with that surrogate should be considered biased low.

GC Extractable Data

For method 8082, sample 07 was re-extracted within holding time due to Method Blank contamination. Only the re-extraction data for this sample is reported and identified with an "RE" suffix on the laboratory ID.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

12-9-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SS-1 (TP-5)	A8E93401	8270	20.00	012
TP-5 @ 11	A8E93402	8270	20.00	012
TP-11 @ 5	A8E93406	8270	20.00	012
SS-4 (TP-12)	A8E93407	8270	20.00	012

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: SS-1 (TP-5)
Lab Sample ID: A8E93401
Date Collected: 11/18/2008
Time Collected: 12:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,4,5-Trichlorophenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,4,6-Trichlorophenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,4-Dichlorophenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,4-Dimethylphenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,4-Dinitrophenol	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
2,4-Dinitrotoluene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2,6-Dinitrotoluene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2-Chloronaphthalene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2-Chlorophenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2-Methylnaphthalene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2-Methylphenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
2-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
2-Nitrophenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
3,3'-Dichlorobenzidine	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
3-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
4,6-Dinitro-2-methylphenol	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
4-Bromophenyl phenyl ether	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
4-Chloro-3-methylphenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
4-Chloroaniline	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
4-Chlorophenyl phenyl ether	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
4-Methylphenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
4-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
4-Nitrophenol	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
Acenaphthene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Acenaphthylene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Acetophenone	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Anthracene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Atrazine	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzaldehyde	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzo(a)anthracene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzo(a)pyrene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzo(b)fluoranthene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzo(ghi)perylene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Benzo(k)fluoranthene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Biphenyl	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Bis(2-chloroethoxy) methane	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Bis(2-chloroethyl) ether	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Bis(2-ethylhexyl) phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Butyl benzyl phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Caprolactam	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Carbazole	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Chrysene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Di-n-butyl phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Di-n-octyl phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Dibenzo(a,h)anthracene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Dibenzofuran	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Diethyl phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Dimethyl phthalate	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM

Sample ID: SS-1 (TP-5)
Lab Sample ID: A8E93401
Date Collected: 11/18/2008
Time Collected: 12:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Fluorene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Hexachlorobenzene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Hexachlorobutadiene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Hexachlorocyclopentadiene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Hexachloroethane	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Indeno(1,2,3-cd)pyrene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Isophorone	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
N-Nitroso-Di-n-propylamine	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
N-nitrosodiphenylamine	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Naphthalene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Nitrobenzene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Pentachlorophenol	ND		7700	UG/KG	8270	12/05/2008 19:04	BWM
Phenanthrene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Phenol	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Pyrene	ND		4000	UG/KG	8270	12/05/2008 19:04	BWM
Metals Analysis							
Aluminum - Total	8730		11.1	MG/KG	6010	11/26/2008 17:49	AH
Antimony - Total	ND		16.6	MG/KG	6010	11/26/2008 17:49	AH
Arsenic - Total	8.9		2.2	MG/KG	6010	11/26/2008 17:49	AH
Barium - Total	90.4		0.55	MG/KG	6010	11/26/2008 17:49	AH
Beryllium - Total	0.34		0.22	MG/KG	6010	11/26/2008 17:49	AH
Cadmium - Total	0.40		0.22	MG/KG	6010	11/26/2008 17:49	AH
Calcium - Total	4900		55.4	MG/KG	6010	11/26/2008 17:49	AH
Chromium - Total	10.4		0.55	MG/KG	6010	11/26/2008 17:49	AH
Cobalt - Total	5.9		0.55	MG/KG	6010	11/26/2008 17:49	AH
Copper - Total	19.6		1.1	MG/KG	6010	11/26/2008 17:49	AH
Iron - Total	16700		11.1	MG/KG	6010	11/26/2008 17:49	AH
Lead - Total	29.5		1.1	MG/KG	6010	11/26/2008 17:49	AH
Magnesium - Total	2620		22.2	MG/KG	6010	11/26/2008 17:49	AH
Manganese - Total	571		0.22	MG/KG	6010	11/26/2008 17:49	AH
Mercury - Total	0.20		0.025	MG/KG	7471	11/26/2008 18:15	MM
Nickel - Total	14.0		0.55	MG/KG	6010	11/26/2008 17:49	AH
Potassium - Total	542		33.3	MG/KG	6010	11/26/2008 17:49	AH
Selenium - Total	ND		4.4	MG/KG	6010	11/26/2008 17:49	AH
Silver - Total	ND		0.55	MG/KG	6010	11/26/2008 17:49	AH
Sodium - Total	ND		155	MG/KG	6010	11/26/2008 17:49	AH
Thallium - Total	ND		6.6	MG/KG	6010	11/26/2008 17:49	AH
Vanadium - Total	13.9		0.55	MG/KG	6010	11/26/2008 17:49	AH
Zinc - Total	75.6		2.2	MG/KG	6010	11/26/2008 17:49	AH

Sample ID: SS-2
Lab Sample ID: A8E93404
Date Collected: 11/19/2008
Time Collected: 10:15

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Lead - Total	3140		1.4	MG/KG	6010	11/26/2008 18:18	AH

Sample ID: SS-3
Lab Sample ID: A8E93405
Date Collected: 11/19/2008
Time Collected: 10:20

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Lead - Total	9260		1.5	MG/KG	6010	11/26/2008 18:23	AH

Sample ID: SS-4 (TP-12)
Lab Sample ID: A8E93407
Date Collected: 11/19/2008
Time Collected: 13:30

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,4,5-Trichlorophenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,4,6-Trichlorophenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,4-Dichlorophenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,4-Dimethylphenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,4-Dinitrophenol	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
2,4-Dinitrotoluene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2,6-Dinitrotoluene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2-Chloronaphthalene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2-Chlorophenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2-Methylnaphthalene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2-Methylphenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
2-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
2-Nitrophenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
3,3'-Dichlorobenzidine	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
3-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
4,6-Dinitro-2-methylphenol	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
4-Bromophenyl phenyl ether	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
4-Chloro-3-methylphenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
4-Chloroaniline	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
4-Chlorophenyl phenyl ether	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
4-Methylphenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
4-Nitroaniline	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
4-Nitrophenol	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
Acenaphthene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Acenaphthylene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Acetophenone	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Anthracene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Atrazine	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzaldehyde	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzo(a)anthracene	360	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzo(a)pyrene	260	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzo(b)fluoranthene	240	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzo(ghi)perylene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Benzo(k)fluoranthene	190	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Biphenyl	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Bis(2-chloroethoxy) methane	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Bis(2-chloroethyl) ether	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Bis(2-ethylhexyl) phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Butyl benzyl phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Caprolactam	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Carbazole	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Chrysene	230	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Di-n-butyl phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Di-n-octyl phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Dibenzo(a,h)anthracene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Dibenzofuran	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Diethyl phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Dimethyl phthalate	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM

Sample ID: SS-4 (TP-12)
Lab Sample ID: A8E93407
Date Collected: 11/19/2008
Time Collected: 13:30

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Fluorene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Hexachlorobenzene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Hexachlorobutadiene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Hexachlorocyclopentadiene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Hexachloroethane	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Indeno(1,2,3-cd)pyrene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Isophorone	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
N-Nitroso-Di-n-propylamine	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
N-nitrosodiphenylamine	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Naphthalene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Nitrobenzene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Pentachlorophenol	ND		7700	UG/KG	8270	12/05/2008 20:36	BWM
Phenanthrene	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Phenol	ND		4000	UG/KG	8270	12/05/2008 20:36	BWM
Pyrene	280	J	4000	UG/KG	8270	12/05/2008 20:36	BWM
Metals Analysis							
Aluminum - Total	7780		11.5	MG/KG	6010	11/26/2008 18:33	AH
Antimony - Total	ND		17.3	MG/KG	6010	11/26/2008 18:33	AH
Arsenic - Total	9.0		2.3	MG/KG	6010	11/26/2008 18:33	AH
Barium - Total	65.6		0.58	MG/KG	6010	11/26/2008 18:33	AH
Beryllium - Total	0.34		0.23	MG/KG	6010	11/26/2008 18:33	AH
Cadmium - Total	0.34		0.23	MG/KG	6010	11/26/2008 18:33	AH
Calcium - Total	11200		57.7	MG/KG	6010	11/26/2008 18:33	AH
Chromium - Total	9.4		0.58	MG/KG	6010	11/26/2008 18:33	AH
Cobalt - Total	6.6		0.58	MG/KG	6010	11/26/2008 18:33	AH
Copper - Total	20.8		1.2	MG/KG	6010	11/26/2008 18:33	AH
Iron - Total	17100		11.5	MG/KG	6010	11/26/2008 18:33	AH
Lead - Total	24.8		1.2	MG/KG	6010	11/26/2008 18:33	AH
Magnesium - Total	5870		23.1	MG/KG	6010	11/26/2008 18:33	AH
Manganese - Total	487		0.23	MG/KG	6010	11/26/2008 18:33	AH
Mercury - Total	ND		0.023	MG/KG	7471	11/26/2008 18:23	MM
Nickel - Total	15.3		0.58	MG/KG	6010	11/26/2008 18:33	AH
Potassium - Total	707		34.6	MG/KG	6010	11/26/2008 18:33	AH
Selenium - Total	ND		4.6	MG/KG	6010	11/26/2008 18:33	AH
Silver - Total	ND		0.58	MG/KG	6010	11/26/2008 18:33	AH
Sodium - Total	ND		162	MG/KG	6010	11/26/2008 18:33	AH
Thallium - Total	ND		6.9	MG/KG	6010	11/26/2008 18:33	AH
Vanadium - Total	11.1		0.58	MG/KG	6010	11/26/2008 18:33	AH
Zinc - Total	59.5		2.3	MG/KG	6010	11/26/2008 18:33	AH

Sample ID: SS-4 (TP-12)
Lab Sample ID: A8E93407RE
Date Collected: 11/19/2008
Time Collected: 13:30

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1221	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1232	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1242	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1248	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1254	ND		20	UG/KG	8082	11/26/2008 11:00	GFD
Aroclor 1260	ND		20	UG/KG	8082	11/26/2008 11:00	GFD

Sample ID: TP-11 @ 5
Lab Sample ID: A8E93406
Date Collected: 11/19/2008
Time Collected: 12:15

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,1,2,2-Tetrachloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,1,2-Trichloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,1-Dichloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,1-Dichloroethene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2,4-Trichlorobenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2-Dibromo-3-chloropropane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2-Dibromoethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2-Dichlorobenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2-Dichloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,2-Dichloropropane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,3-Dichlorobenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
1,4-Dichlorobenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
2-Butanone	ND		39	UG/KG	8260	12/02/2008 02:59	CDC
2-Hexanone	ND		39	UG/KG	8260	12/02/2008 02:59	CDC
4-Methyl-2-pentanone	ND		39	UG/KG	8260	12/02/2008 02:59	CDC
Acetone	20	J	39	UG/KG	8260	12/02/2008 02:59	CDC
Benzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Bromodichloromethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Bromoform	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Bromomethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Carbon Disulfide	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Carbon Tetrachloride	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Chlorobenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Chloroethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Chloroform	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Chloromethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
cis-1,2-Dichloroethene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
cis-1,3-Dichloropropene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Cyclohexane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Dibromochloromethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Dichlorodifluoromethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Ethylbenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Isopropylbenzene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Methyl acetate	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Methyl-t-Butyl Ether (MTBE)	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Methylcyclohexane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Methylene chloride	19		8	UG/KG	8260	12/02/2008 02:59	CDC
Styrene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Tetrachloroethene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Toluene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Total Xylenes	ND		23	UG/KG	8260	12/02/2008 02:59	CDC
trans-1,2-Dichloroethene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
trans-1,3-Dichloropropene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Trichloroethene	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Trichlorofluoromethane	ND		8	UG/KG	8260	12/02/2008 02:59	CDC
Vinyl chloride	ND		15	UG/KG	8260	12/02/2008 02:59	CDC

Sample ID: TP-11 @ 5
Lab Sample ID: A8E93406
Date Collected: 11/19/2008
Time Collected: 12:15

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,4,5-Trichlorophenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,4,6-Trichlorophenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,4-Dichlorophenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,4-Dimethylphenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,4-Dinitrophenol	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
2,4-Dinitrotoluene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2,6-Dinitrotoluene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2-Chloronaphthalene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2-Chlorophenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2-Methylnaphthalene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2-Methylphenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
2-Nitroaniline	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
2-Nitrophenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
3,3'-Dichlorobenzidine	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
3-Nitroaniline	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
4,6-Dinitro-2-methylphenol	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
4-Bromophenyl phenyl ether	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
4-Chloro-3-methylphenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
4-Chloroaniline	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
4-Chlorophenyl phenyl ether	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
4-Methylphenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
4-Nitroaniline	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
4-Nitrophenol	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
Acenaphthene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Acenaphthylene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Acetophenone	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Anthracene	380	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Atrazine	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzaldehyde	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzo(a)anthracene	1500	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzo(a)pyrene	1600	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzo(b)fluoranthene	1800	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzo(ghi)perylene	1200	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Benzo(k)fluoranthene	770	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Biphenyl	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Bis(2-chloroethoxy) methane	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Bis(2-chloroethyl) ether	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Bis(2-ethylhexyl) phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Butyl benzyl phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Caprolactam	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Carbazole	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Chrysene	1400	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Di-n-butyl phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Di-n-octyl phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Dibenzo(a,h)anthracene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Dibenzofuran	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Diethyl phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Dimethyl phthalate	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM

Sample ID: TP-11 @ 5
Lab Sample ID: A8E93406
Date Collected: 11/19/2008
Time Collected: 12:15

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	2600	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Fluorene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Hexachlorobenzene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Hexachlorobutadiene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Hexachlorocyclopentadiene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Hexachloroethane	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Indeno(1,2,3-cd)pyrene	1000	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Isophorone	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
N-Nitroso-Di-n-propylamine	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
N-nitrosodiphenylamine	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Naphthalene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Nitrobenzene	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Pentachlorophenol	ND		9100	UG/KG	8270	12/05/2008 20:13	BWM
Phenanthrene	2000	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Phenol	ND		4700	UG/KG	8270	12/05/2008 20:13	BWM
Pyrene	2000	J	4700	UG/KG	8270	12/05/2008 20:13	BWM
Metals Analysis							
Aluminum - Total	8340		14.5	MG/KG	6010	11/26/2008 18:28	AH
Antimony - Total	ND		21.8	MG/KG	6010	11/26/2008 18:28	AH
Arsenic - Total	14.2		2.9	MG/KG	6010	11/26/2008 18:28	AH
Barium - Total	129		0.73	MG/KG	6010	11/26/2008 18:28	AH
Beryllium - Total	0.37		0.29	MG/KG	6010	11/26/2008 18:28	AH
Cadmium - Total	1.0		0.29	MG/KG	6010	11/26/2008 18:28	AH
Calcium - Total	6430		72.6	MG/KG	6010	11/26/2008 18:28	AH
Chromium - Total	14.2		0.73	MG/KG	6010	11/26/2008 18:28	AH
Cobalt - Total	6.4		0.73	MG/KG	6010	11/26/2008 18:28	AH
Copper - Total	42.2		1.4	MG/KG	6010	11/26/2008 18:28	AH
Iron - Total	25200		14.5	MG/KG	6010	11/26/2008 18:28	AH
Lead - Total	293		1.4	MG/KG	6010	11/26/2008 18:28	AH
Magnesium - Total	2420		29.0	MG/KG	6010	11/26/2008 18:28	AH
Manganese - Total	622		0.29	MG/KG	6010	11/26/2008 18:28	AH
Mercury - Total	0.086		0.028	MG/KG	7471	11/26/2008 18:22	MM
Nickel - Total	14.5		0.73	MG/KG	6010	11/26/2008 18:28	AH
Potassium - Total	958		43.6	MG/KG	6010	11/26/2008 18:28	AH
Selenium - Total	ND		5.8	MG/KG	6010	11/26/2008 18:28	AH
Silver - Total	ND		0.73	MG/KG	6010	11/26/2008 18:28	AH
Sodium - Total	ND		203	MG/KG	6010	11/26/2008 18:28	AH
Thallium - Total	ND		8.7	MG/KG	6010	11/26/2008 18:28	AH
Vanadium - Total	12.8		0.73	MG/KG	6010	11/26/2008 18:28	AH
Zinc - Total	243		2.9	MG/KG	6010	11/26/2008 18:28	AH

Sample ID: TP-12 @ 4
Lab Sample ID: A8E93408
Date Collected: 11/19/2008
Time Collected: 13:45

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,1,2-Trichloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,1-Dichloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,1-Dichloroethene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2-Dibromoethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2-Dichlorobenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2-Dichloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,2-Dichloropropane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,3-Dichlorobenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
1,4-Dichlorobenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
2-Butanone	ND		28	UG/KG	8260	12/02/2008 03:24	CDC
2-Hexanone	ND		28	UG/KG	8260	12/02/2008 03:24	CDC
4-Methyl-2-pentanone	ND		28	UG/KG	8260	12/02/2008 03:24	CDC
Acetone	ND		28	UG/KG	8260	12/02/2008 03:24	CDC
Benzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Bromodichloromethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Bromoform	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Bromomethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Carbon Disulfide	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Carbon Tetrachloride	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Chlorobenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Chloroethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Chloroform	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Chloromethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Cyclohexane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Dibromochloromethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Dichlorodifluoromethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Ethylbenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Isopropylbenzene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Methyl acetate	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Methylcyclohexane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Methylene chloride	2	J	6	UG/KG	8260	12/02/2008 03:24	CDC
Styrene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Tetrachloroethene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Toluene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Total Xylenes	ND		16	UG/KG	8260	12/02/2008 03:24	CDC
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Trichloroethene	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Trichlorofluoromethane	ND		6	UG/KG	8260	12/02/2008 03:24	CDC
Vinyl chloride	ND		11	UG/KG	8260	12/02/2008 03:24	CDC

Sample ID: TP-19 @ 3.5
Lab Sample ID: A8E93409
Date Collected: 11/20/2008
Time Collected: 10:45

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,1,2-Trichloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,1-Dichloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,1-Dichloroethene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2-Dibromoethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2-Dichlorobenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2-Dichloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,2-Dichloropropane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,3-Dichlorobenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
1,4-Dichlorobenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
2-Butanone	ND		25	UG/KG	8260	12/02/2008 03:50	CDC
2-Hexanone	ND		25	UG/KG	8260	12/02/2008 03:50	CDC
4-Methyl-2-pentanone	ND		25	UG/KG	8260	12/02/2008 03:50	CDC
Acetone	5	J	25	UG/KG	8260	12/02/2008 03:50	CDC
Benzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Bromodichloromethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Bromoform	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Bromomethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Carbon Disulfide	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Carbon Tetrachloride	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Chlorobenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Chloroethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Chloroform	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Chloromethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Cyclohexane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Dibromochloromethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Dichlorodifluoromethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Ethylbenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Isopropylbenzene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Methyl acetate	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Methylcyclohexane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Methylene chloride	6		5	UG/KG	8260	12/02/2008 03:50	CDC
Styrene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Tetrachloroethene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Toluene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Total Xylenes	ND		15	UG/KG	8260	12/02/2008 03:50	CDC
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Trichloroethene	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Trichlorofluoromethane	ND		5	UG/KG	8260	12/02/2008 03:50	CDC
Vinyl chloride	ND		10	UG/KG	8260	12/02/2008 03:50	CDC

Sample ID: TP-19 @ 3.5
Lab Sample ID: A8E93409
Date Collected: 11/20/2008
Time Collected: 10:45

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,4-Dichlorophenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,4-Dimethylphenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,4-Dinitrophenol	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
2,4-Dinitrotoluene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2,6-Dinitrotoluene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2-Chloronaphthalene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2-Chlorophenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2-Methylnaphthalene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2-Methylphenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
2-Nitroaniline	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
2-Nitrophenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
3-Nitroaniline	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
4,6-Dinitro-2-methylphenol	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
4-Chloroaniline	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
4-Methylphenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
4-Nitroaniline	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
4-Nitrophenol	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
Acenaphthene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Acenaphthylene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Acetophenone	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Anthracene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Atrazine	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzaldehyde	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzo(a)anthracene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzo(a)pyrene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzo(b)fluoranthene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzo(ghi)perylene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Benzo(k)fluoranthene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Biphenyl	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Bis(2-ethylhexyl) phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Butyl benzyl phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Caprolactam	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Carbazole	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Chrysene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Di-n-butyl phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Di-n-octyl phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Dibenzofuran	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Diethyl phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Dimethyl phthalate	ND		180	UG/KG	8270	12/05/2008 20:58	BWM

Sample ID: TP-19 @ 3.5
Lab Sample ID: A8E93409
Date Collected: 11/20/2008
Time Collected: 10:45

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Fluorene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Hexachlorobenzene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Hexachlorobutadiene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Hexachloroethane	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Indeno(1,2,3-cd)pyrene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Isophorone	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
N-nitrosodiphenylamine	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Naphthalene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Nitrobenzene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Pentachlorophenol	ND		360	UG/KG	8270	12/05/2008 20:58	BWM
Phenanthrene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Phenol	ND		180	UG/KG	8270	12/05/2008 20:58	BWM
Pyrene	ND		180	UG/KG	8270	12/05/2008 20:58	BWM

Sample ID: TP-5 @ 11
Lab Sample ID: A8E93402
Date Collected: 11/18/2008
Time Collected: 14:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,1,2,2-Tetrachloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,1,2-Trichloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,1-Dichloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,1-Dichloroethene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2,4-Trichlorobenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2-Dibromo-3-chloropropane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2-Dibromoethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2-Dichlorobenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2-Dichloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,2-Dichloropropane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,3-Dichlorobenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
1,4-Dichlorobenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
2-Butanone	13	J	33	UG/KG	8260	12/02/2008 02:33	CDC
2-Hexanone	ND		33	UG/KG	8260	12/02/2008 02:33	CDC
4-Methyl-2-pentanone	ND		33	UG/KG	8260	12/02/2008 02:33	CDC
Acetone	60		33	UG/KG	8260	12/02/2008 02:33	CDC
Benzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Bromodichloromethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Bromoform	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Bromomethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Carbon Disulfide	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Carbon Tetrachloride	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Chlorobenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Chloroethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Chloroform	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Chloromethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
cis-1,2-Dichloroethene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
cis-1,3-Dichloropropene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Cyclohexane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Dibromochloromethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Dichlorodifluoromethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Ethylbenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Isopropylbenzene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Methyl acetate	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Methyl-t-Butyl Ether (MTBE)	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Methylcyclohexane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Methylene chloride	4	J	7	UG/KG	8260	12/02/2008 02:33	CDC
Styrene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Tetrachloroethene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Toluene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Total Xylenes	ND		20	UG/KG	8260	12/02/2008 02:33	CDC
trans-1,2-Dichloroethene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
trans-1,3-Dichloropropene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Trichloroethene	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Trichlorofluoromethane	ND		7	UG/KG	8260	12/02/2008 02:33	CDC
Vinyl chloride	ND		13	UG/KG	8260	12/02/2008 02:33	CDC

Sample ID: TP-5 @ 11
Lab Sample ID: A8E93402
Date Collected: 11/18/2008
Time Collected: 14:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,4,5-Trichlorophenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,4,6-Trichlorophenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,4-Dichlorophenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,4-Dimethylphenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,4-Dinitrophenol	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
2,4-Dinitrotoluene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2,6-Dinitrotoluene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2-Chloronaphthalene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2-Chlorophenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2-Methylnaphthalene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2-Methylphenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
2-Nitroaniline	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
2-Nitrophenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
3,3'-Dichlorobenzidine	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
3-Nitroaniline	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
4,6-Dinitro-2-methylphenol	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
4-Bromophenyl phenyl ether	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
4-Chloro-3-methylphenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
4-Chloroaniline	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
4-Chlorophenyl phenyl ether	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
4-Methylphenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
4-Nitroaniline	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
4-Nitrophenol	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
Acenaphthene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Acenaphthylene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Acetophenone	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Anthracene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Atrazine	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzaldehyde	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzo(a)anthracene	550	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzo(a)pyrene	320	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzo(b)fluoranthene	380	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzo(ghi)perylene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Benzo(k)fluoranthene	190	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Biphenyl	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Bis(2-chloroethoxy) methane	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Bis(2-chloroethyl) ether	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Bis(2-ethylhexyl) phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Butyl benzyl phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Caprolactam	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Carbazole	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Chrysene	350	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Di-n-butyl phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Di-n-octyl phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Dibenzo(a,h)anthracene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Dibenzofuran	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Diethyl phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Dimethyl phthalate	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM

Sample ID: TP-5 @ 11
Lab Sample ID: A8E93402
Date Collected: 11/18/2008
Time Collected: 14:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	1000	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Fluorene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Hexachlorobenzene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Hexachlorobutadiene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Hexachlorocyclopentadiene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Hexachloroethane	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Indeno(1,2,3-cd)pyrene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Isophorone	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
N-Nitroso-Di-n-propylamine	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
N-nitrosodiphenylamine	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Naphthalene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Nitrobenzene	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Pentachlorophenol	ND		8800	UG/KG	8270	12/05/2008 19:27	BWM
Phenanthrene	890	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
Phenol	ND		4600	UG/KG	8270	12/05/2008 19:27	BWM
Pyrene	790	J	4600	UG/KG	8270	12/05/2008 19:27	BWM
NYSDEC-SPILLS - SOIL-SW8463 8082 - PCBS							
Aroclor 1016	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1221	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1232	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1242	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1248	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1254	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Aroclor 1260	ND		23	UG/KG	8082	11/24/2008 16:26	GFD
Metals Analysis							
Aluminum - Total	12100		14.8	MG/KG	6010	11/26/2008 17:54	AH
Antimony - Total	ND		22.2	MG/KG	6010	11/26/2008 17:54	AH
Arsenic - Total	10		3.0	MG/KG	6010	11/26/2008 17:54	AH
Barium - Total	288		0.74	MG/KG	6010	11/26/2008 17:54	AH
Beryllium - Total	0.81		0.30	MG/KG	6010	11/26/2008 17:54	AH
Cadmium - Total	0.58		0.30	MG/KG	6010	11/26/2008 17:54	AH
Calcium - Total	8570		74.0	MG/KG	6010	11/26/2008 17:54	AH
Chromium - Total	16.7		0.74	MG/KG	6010	11/26/2008 17:54	AH
Cobalt - Total	8.0		0.74	MG/KG	6010	11/26/2008 17:54	AH
Copper - Total	36.0		1.5	MG/KG	6010	11/26/2008 17:54	AH
Iron - Total	21200		14.8	MG/KG	6010	11/26/2008 17:54	AH
Lead - Total	45.0		1.5	MG/KG	6010	11/26/2008 17:54	AH
Magnesium - Total	2830		29.6	MG/KG	6010	11/26/2008 17:54	AH
Manganese - Total	931		0.30	MG/KG	6010	11/26/2008 17:54	AH
Mercury - Total	0.085		0.029	MG/KG	7471	11/26/2008 18:18	MM
Nickel - Total	17.4		0.74	MG/KG	6010	11/26/2008 17:54	AH
Potassium - Total	1310		44.4	MG/KG	6010	11/26/2008 17:54	AH
Selenium - Total	ND		5.9	MG/KG	6010	11/26/2008 17:54	AH
Silver - Total	ND		0.74	MG/KG	6010	11/26/2008 17:54	AH
Sodium - Total	ND		207	MG/KG	6010	11/26/2008 17:54	AH
Thallium - Total	ND		8.9	MG/KG	6010	11/26/2008 17:54	AH
Vanadium - Total	21.2		0.74	MG/KG	6010	11/26/2008 17:54	AH

Sample ID: TP-5 @ 11
Lab Sample ID: A8E93402
Date Collected: 11/18/2008
Time Collected: 14:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Zinc - Total	98.8		3.0	MG/KG	6010	11/26/2008 17:54	AH

Sample ID: TP-8 @ 2
Lab Sample ID: A8E93403
Date Collected: 11/19/2008
Time Collected: 10:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,4,5-Trichlorophenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,4,6-Trichlorophenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,4-Dichlorophenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,4-Dimethylphenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,4-Dinitrophenol	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
2,4-Dinitrotoluene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2,6-Dinitrotoluene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2-Chloronaphthalene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2-Chlorophenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2-Methylnaphthalene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2-Methylphenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
2-Nitroaniline	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
2-Nitrophenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
3,3'-Dichlorobenzidine	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
3-Nitroaniline	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
4,6-Dinitro-2-methylphenol	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
4-Bromophenyl phenyl ether	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
4-Chloro-3-methylphenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
4-Chloroaniline	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
4-Chlorophenyl phenyl ether	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
4-Methylphenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
4-Nitroaniline	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
4-Nitrophenol	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
Acenaphthene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Acenaphthylene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Acetophenone	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Anthracene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Atrazine	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzaldehyde	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzo(a)anthracene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzo(a)pyrene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzo(b)fluoranthene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzo(ghi)perylene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Benzo(k)fluoranthene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Biphenyl	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Bis(2-chloroethoxy) methane	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Bis(2-chloroethyl) ether	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Bis(2-ethylhexyl) phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Butyl benzyl phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Caprolactam	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Carbazole	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Chrysene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Di-n-butyl phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Di-n-octyl phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Dibenzo(a,h)anthracene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Dibenzofuran	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Diethyl phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Dimethyl phthalate	ND		200	UG/KG	8270	12/05/2008 19:50	BWM

Sample ID: TP-8 @ 2
Lab Sample ID: A8E93403
Date Collected: 11/19/2008
Time Collected: 10:00

Date Received: 11/21/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Fluorene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Hexachlorobenzene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Hexachlorobutadiene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Hexachlorocyclopentadiene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Hexachloroethane	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Indeno(1,2,3-cd)pyrene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Isophorone	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
N-Nitroso-Di-n-propylamine	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
N-nitrosodiphenylamine	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Naphthalene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Nitrobenzene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Pentachlorophenol	ND		390	UG/KG	8270	12/05/2008 19:50	BWM
Phenanthrene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Phenol	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Pyrene	ND		200	UG/KG	8270	12/05/2008 19:50	BWM
Metals Analysis							
Aluminum - Total	11700		13.0	MG/KG	6010	11/26/2008 18:13	AH
Antimony - Total	ND		19.4	MG/KG	6010	11/26/2008 18:13	AH
Arsenic - Total	8.7		2.6	MG/KG	6010	11/26/2008 18:13	AH
Barium - Total	68.4		0.65	MG/KG	6010	11/26/2008 18:13	AH
Beryllium - Total	0.38		0.26	MG/KG	6010	11/26/2008 18:13	AH
Cadmium - Total	0.26		0.26	MG/KG	6010	11/26/2008 18:13	AH
Calcium - Total	2370		64.8	MG/KG	6010	11/26/2008 18:13	AH
Chromium - Total	11.4		0.65	MG/KG	6010	11/26/2008 18:13	AH
Cobalt - Total	7.0		0.65	MG/KG	6010	11/26/2008 18:13	AH
Copper - Total	16.8		1.3	MG/KG	6010	11/26/2008 18:13	AH
Iron - Total	18500		13.0	MG/KG	6010	11/26/2008 18:13	AH
Lead - Total	15.6		1.3	MG/KG	6010	11/26/2008 18:13	AH
Magnesium - Total	2620		25.9	MG/KG	6010	11/26/2008 18:13	AH
Manganese - Total	493		0.26	MG/KG	6010	11/26/2008 18:13	AH
Mercury - Total	0.037		0.026	MG/KG	7471	11/26/2008 18:20	MM
Nickel - Total	14.6		0.65	MG/KG	6010	11/26/2008 18:13	AH
Potassium - Total	714		38.9	MG/KG	6010	11/26/2008 18:13	AH
Selenium - Total	ND		5.2	MG/KG	6010	11/26/2008 18:13	AH
Silver - Total	ND		0.65	MG/KG	6010	11/26/2008 18:13	AH
Sodium - Total	ND		181	MG/KG	6010	11/26/2008 18:13	AH
Thallium - Total	ND		7.8	MG/KG	6010	11/26/2008 18:13	AH
Vanadium - Total	17.3		0.65	MG/KG	6010	11/26/2008 18:13	AH
Zinc - Total	56.7		2.6	MG/KG	6010	11/26/2008 18:13	AH

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC – Region 9	Chad Staniszewski	11-18-08	112110
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
270 Michigan St	(716) 851-7220 / (716) 851-7252		
City Buffalo	**State** NY	**Zip Code** 14202	**Site Contact** D. Steiner - Empire	**Lab Contact**
Project Name and Location (State) Penn-Empire Transportation – Celeron, NY	**Carrier/Waybill Number**	
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Metals - 6010	sVOCs - 8270	VOCs - 8260	PCBs - 8082	Lead
SS-1 (TP-5)	11-18-08	1200				X	3						X	X			
TP-5 @ 11'	11-18-08	1400				X	4						X	X	X	X	
TP-8 @ 2'	11-19-08	1000				X	3						X	X			
SS-2	↓	1015				X	1										X
SS-3		1020				X	1										X
TP-11 @ 5'		1215				X	3						X	X	X		
SS-4 (TP-12)		1330				X	3						X	X	X	X	
TP-12 @ 4'	↓	1345				X	1								X		
TP-19 @ 3.5'	11-20-08	1045				X	3							X	X		

Special Instructions/ Conditions of Receipt

Please email copy to:
jmetzger@sjbegs.com;
dsteiner@sjbegs.com

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☒ Archive For Std. 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 DEC Std.

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: David R. Steiner	11-21-08	1330	1. Received By:	11-21-08	13:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

29/29

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-F730

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Penn Empire Site: Site #907034

Mr. Chad Staniszewski
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Tom Hellert

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

12/22/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 11/3/2008

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
USDOE	Department of Energy	DOECAP-STB
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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8F73001	SS-4	SOIL	12/10/2008	10:00	12/11/2008	10:10
A8F73002	SS-5	SOIL	12/10/2008	10:10	12/11/2008	10:10
A8F73003	SS-6	SOIL	12/10/2008	10:20	12/11/2008	10:10
A8F73004	SS-7	SOIL	12/10/2008	10:30	12/11/2008	10:10
A8F73005	SS-8	SOIL	12/10/2008	10:40	12/11/2008	10:10

METHODS SUMMARY

Job#: A08-F730

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-F730

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-F730
Sample Cooler(s) were received at the following temperature(s); 8.3 °C
Temp from courier pick up at 8.3C.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

12-22-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SS-5	A8F73002	Mercury - Total	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: SS-4
Lab Sample ID: A8F73001
Date Collected: 12/10/2008
Time Collected: 10:00

Date Received: 12/11/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	13.0		3.0	MG/KG	6010	12/16/2008 05:37	AH
Barium - Total	50.2		0.74	MG/KG	6010	12/16/2008 05:37	AH
Cadmium - Total	ND		0.30	MG/KG	6010	12/18/2008 03:27	TWS
Chromium - Total	12.7		0.74	MG/KG	6010	12/16/2008 05:37	AH
Lead - Total	55.1		1.5	MG/KG	6010	12/16/2008 05:37	AH
Mercury - Total	0.12		0.030	MG/KG	7471	12/17/2008 16:20	MM
Selenium - Total	ND		6.0	MG/KG	6010	12/16/2008 05:37	AH
Silver - Total	ND		0.74	MG/KG	6010	12/16/2008 05:37	AH

Sample ID: SS-5
Lab Sample ID: A8F73002
Date Collected: 12/10/2008
Time Collected: 10:10

Date Received: 12/11/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	17.0		3.1	MG/KG	6010	12/16/2008 05:42	AH
Barium - Total	547		0.78	MG/KG	6010	12/16/2008 05:42	AH
Cadmium - Total	7.3		0.31	MG/KG	6010	12/18/2008 03:33	TWS
Chromium - Total	27.7		0.78	MG/KG	6010	12/16/2008 05:42	AH
Lead - Total	2230		1.6	MG/KG	6010	12/16/2008 05:42	AH
Mercury - Total	1.5		0.16	MG/KG	7471	12/17/2008 18:06	MM
Selenium - Total	ND		6.2	MG/KG	6010	12/16/2008 05:42	AH
Silver - Total	1.4		0.78	MG/KG	6010	12/16/2008 05:42	AH

Sample ID: SS-6
Lab Sample ID: A8F73003
Date Collected: 12/10/2008
Time Collected: 10:20

Date Received: 12/11/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	13.1		3.0	MG/KG	6010	12/16/2008 05:47	AH
Barium - Total	152		0.75	MG/KG	6010	12/16/2008 05:47	AH
Cadmium - Total	0.33		0.30	MG/KG	6010	12/18/2008 03:38	TWS
Chromium - Total	13.4		0.75	MG/KG	6010	12/16/2008 05:47	AH
Lead - Total	939		1.5	MG/KG	6010	12/16/2008 05:47	AH
Mercury - Total	0.10		0.032	MG/KG	7471	12/17/2008 16:26	MM
Selenium - Total	ND		6.0	MG/KG	6010	12/16/2008 05:47	AH
Silver - Total	ND		0.75	MG/KG	6010	12/16/2008 05:47	AH

Sample ID: SS-7
Lab Sample ID: A8F73004
Date Collected: 12/10/2008
Time Collected: 10:30

Date Received: 12/11/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	9.8		2.9	MG/KG	6010	12/16/2008 05:52	AH
Barium - Total	184		0.74	MG/KG	6010	12/16/2008 05:52	AH
Cadmium - Total	0.34		0.29	MG/KG	6010	12/18/2008 03:43	TWS
Chromium - Total	11.0		0.74	MG/KG	6010	12/16/2008 05:52	AH
Lead - Total	707		1.5	MG/KG	6010	12/16/2008 05:52	AH
Mercury - Total	0.085		0.030	MG/KG	7471	12/17/2008 16:28	MM
Selenium - Total	ND		5.9	MG/KG	6010	12/16/2008 05:52	AH
Silver - Total	ND		0.74	MG/KG	6010	12/16/2008 05:52	AH

Sample ID: SS-8
Lab Sample ID: A8F73005
Date Collected: 12/10/2008
Time Collected: 10:40

Date Received: 12/11/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	9.4		3.4	MG/KG	6010	12/16/2008 05:57	AH
Barium - Total	107		0.86	MG/KG	6010	12/16/2008 05:57	AH
Cadmium - Total	0.37		0.34	MG/KG	6010	12/18/2008 03:48	TWS
Chromium - Total	10.1		0.86	MG/KG	6010	12/16/2008 05:57	AH
Lead - Total	105		1.7	MG/KG	6010	12/16/2008 05:57	AH
Mercury - Total	0.13		0.034	MG/KG	7471	12/17/2008 16:30	MM
Selenium - Total	ND		6.9	MG/KG	6010	12/16/2008 05:57	AH
Silver - Total	ND		0.86	MG/KG	6010	12/16/2008 05:57	AH

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

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TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Region 9 / Empire GeoServices	Chad Staniszewski (NYSDEC); Dave Steiner (Empire)	12-10-08	112129
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact: Chad Staniszewski	Lab Contact: Brian Fisher	
Project Name and Location (State): Penn Empire Transportation, Celoron, NY	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.: NYSDEC Spill # 907034			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Cool	RCRA Metals	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
SS-4	12-10-08	1000				X							X	X		
SS-5		1010				X							X	X		
SS-6		1020				X							X	X		
SS-7		1030				X							X	X		
SS-8	12-10-08	1040				X							X	X		

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

Sample Disposal
☐ 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 10 DAY

QC Requirements (Specify): Please Hold For Possible Further Analysis

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]			[signature]	12-11-08	10:10
2.						
3.						

Comments: 8-3° C

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

14/14

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RSA0876

Work Order Description: NYSDEC Spills - Penn Empire Site: Site #907034

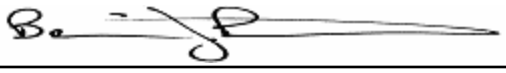
For:

Chad Staniszewski

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

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Friday, February 6, 2009

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

Work Order: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As requiredunder 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: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

Case Narrative

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

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

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: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

DATA QUALIFIERS AND DEFINITIONS

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: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0876-01 (SS-9 - Solid)						**Sampled: 01/26/09 13:00**			**Recvd: 01/28/09 11:30**	
General Chemistry Parameters										
Percent Solids	**69.9**		0.0100	0.0100	%	1.00	01/29/09 14:44	CM	9A29014	Dry Weight
Total Metals by SW 846 Series Methods										
Lead	**3100**		1.37	0.00397	mg/kg dry	1.00	02/02/09 18:29	TWS	9A30039	6010B
Sample ID: RSA0876-02 (SS-10 - Solid)						**Sampled: 01/26/09 13:15**			**Recvd: 01/28/09 11:30**	
General Chemistry Parameters										
Percent Solids	**82.8**		0.0100	0.0100	%	1.00	01/29/09 14:46	CM	9A29014	Dry Weight
Total Metals by SW 846 Series Methods										
Lead	**770**		1.14	0.00329	mg/kg dry	1.00	02/02/09 18:34	TWS	9A30039	6010B

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

Work Order: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
SS-9	RSA0876-01	Solid	01/26/09 13:00	01/28/09 11:30
SS-10	RSA0876-02	Solid	01/26/09 13:15	01/28/09 11:30

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

Work Order: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0876-01 (SS-9 - Solid)						**Sampled: 01/26/09 13:00**			**Recvd: 01/28/09 11:30**	
General Chemistry Parameters										
Percent Solids	**69.9**		0.0100	0.0100	%	1.00	01/29/09 14:44	CM	9A29014	Dry Weight
Total Metals by SW 846 Series Methods										
Lead	**3100**		1.37	0.00397	mg/kg dry	1.00	02/02/09 18:29	TWS	9A30039	6010B

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

Work Order: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0876-02 (SS-10 - Solid)						**Sampled: 01/26/09 13:15**			**Recvd: 01/28/09 11:30**	
General Chemistry Parameters										
Percent Solids	**82.8**		0.0100	0.0100	%	1.00	01/29/09 14:46	CM	9A29014	Dry Weight
Total Metals by SW 846 Series Methods										
Lead	**770**		1.14	0.00329	mg/kg dry	1.00	02/02/09 18:34	TWS	9A30039	6010B

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

Work Order: RSA0876

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/06/09 13:42

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Volume	Date	Analyst	Extraction Method
General Chemistry Parameters							
Dry Weight	9A29014	RSA0876-01	10	10	01/29/09 09:51	CAM	Dry Weight
Dry Weight	9A29014	RSA0876-02	10	10	01/29/09 09:51	CAM	Dry Weight
Total Metals by SW 846 Series Methods							
6010B	9A30039	RSA0876-01	1	50	02/02/09 12:00	MLD	3050B
6010B	9A30039	RSA0876-02	1	50	02/02/09 12:00	MLD	3050B

Chain of Custody Record

TestAmerica
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TAL-4142 (0907)

Client: NYSDEC - Region 9	Project Manager: Chad Staniszewski	Date: 1-26-09	Chain of Custody Number: 389370
Address: 270 Michigan Ave	Telephone Number (Area Code)/Fax Number: (716) 851-7220 / (716) 851-7252	Lab Number:	Page ____ of ____
City: Buffalo / State: NY / Zip Code: 14202	Site Contact: D. Steiner-Empire	Lab Contact:	
Project Name and Location (State): Penn Empire Transportation - Celoron, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Lead	Special Instructions/ Conditions of Receipt
SS-9	1-26-09	1300				X	1							Email results to:
SS-10	1-26-09	1315				X	1							dsteiner@sjbegs.com & jmetzger@sjbegs.com

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

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☒ Archive For Std. 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 DEC Std.

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Chad R. Steiner	1-28-09	1130	1. Received By:	1-28-09	11:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

4.0°C

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

Analytical Report

Work Order: RSA0874

Work Order Description: NYSDEC Spills - Penn Empire Site: Site #907034

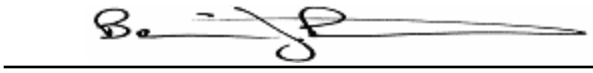
For:

Chad Staniszewski

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

270 Michigan Avenue

Buffalo, NY 14203



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Friday, February 27, 2009

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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
USDOE	Department of Energy	DOECAP-STB
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: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Case Narrative

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

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

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DATA QUALIFIERS AND DEFINITIONS

B1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
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.
P-HS	Sample container contained headspace.

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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01 (MW-2 - Water)						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Organochlorine Pesticides by EPA Method 8081A										
Aldrin	**0.016**	J	0.047	0.006	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Semivolatile Organics by GC/MS										
Bis(2-ethylhexyl) phthalate	**5.8**		4.9	4.7	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Total Metals by SW 846 Series Methods										
Aluminum	**3.40**		0.200	0.0236	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Barium	**0.545**		0.00200	0.000280	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Calcium	**134**		0.500	0.100	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Chromium	**0.00381**	J	0.00400	0.000880	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Cobalt	**0.00189**	J	0.00400	0.00106	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Copper	**0.0331**		0.0100	0.00126	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Iron	**4.13**	B1	0.0500	0.0193	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Lead	**0.00501**		0.00500	0.00290	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Magnesium	**22.1**		0.200	0.0423	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Manganese	**0.186**		0.00300	0.000240	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Nickel	**0.00558**	J	0.0100	0.00103	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Potassium	**2.77**		0.500	0.0500	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Sodium	**42.0**		1.00	0.339	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Vanadium	**0.00536**		0.00500	0.000980	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Zinc	**0.0753**		0.0100	0.00360	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Sample ID: RSA0874-01RE1 (MW-2 - Water)						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDE [2C]	**0.022**	H4,J	0.049	0.011	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
delta-BHC [2C]	**0.025**	H4,J	0.049	0.010	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
gamma-Chlordane [2C]	**0.024**	H4,J	0.049	0.011	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Heptachlor epoxide [2C]	**0.016**	H4,J	0.049	0.005	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Sample ID: RSA0874-02 (MW-4 - Water)						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Semivolatile Organics by GC/MS										
Bis(2-ethylhexyl) phthalate	**9.9**		4.7	4.5	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Total Metals by SW 846 Series Methods										
Aluminum	**5.85**		0.200	0.0236	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Arsenic	**0.00796**	J	0.0100	0.00370	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Barium	**0.386**		0.00200	0.000280	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Calcium	**161**		0.500	0.100	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Chromium	**0.00716**		0.00400	0.000880	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Cobalt	**0.00512**		0.00400	0.00106	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Copper	**0.0268**		0.0100	0.00126	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Iron	**8.92**	B1	0.0500	0.0193	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Lead	**0.00882**		0.00500	0.00290	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Magnesium	**33.7**		0.200	0.0423	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Manganese	**0.370**		0.00300	0.000240	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Nickel	**0.00930**	J	0.0100	0.00103	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Potassium	**6.14**		0.500	0.0500	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Sodium	**70.3**		1.00	0.339	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Vanadium	**0.00848**		0.00500	0.000980	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Zinc	**0.0562**		0.0100	0.00360	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B

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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Sample Summary

SAMPLE IDENTIFICATION	LAB NUMBER	Client Matrix	Date/Time Sampled	Date/Time Received
MW-2	RSA0874-01	Water	01/27/09 11:28	01/28/09 11:30
MW-4	RSA0874-02	Water	01/27/09 12:04	01/28/09 11:30

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Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01 (MW-2 - Water)						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Herbicides										
2,4,5-T [2C]	ND		0.49	0.15	ug/L	1.00	02/02/09 13:01	tch	9A29023	8151A
2,4-D [2C]	ND		0.49	0.11	ug/L	1.00	02/02/09 13:01	tch	9A29023	8151A
Silvex [2,4,5-TP] [2C]	ND		0.49	0.11	ug/L	1.00	02/02/09 13:01	tch	9A29023	8151A
Surr: 2,4-Dichlorophenylacetic acid [2C] (19-128%)	*57 %*						02/02/09 13:01	tch	9A29023	8151A
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND		0.047	0.016	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
4,4'-DDE	ND		0.047	0.011	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
4,4'-DDT	ND		0.047	0.010	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Aldrin	**0.016**	J	0.047	0.006	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
alpha-BHC	ND		0.047	0.006	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
alpha-Chlordane	ND		0.047	0.014	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
beta-BHC	ND		0.047	0.024	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Chlordane	ND		0.474	0.048	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
delta-BHC	ND		0.047	0.010	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Dieldrin	ND		0.047	0.018	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endosulfan I	ND		0.047	0.023	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endosulfan II	ND		0.047	0.018	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endosulfan sulfate	ND		0.047	0.015	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endrin	ND		0.047	0.013	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endrin aldehyde	ND		0.047	0.015	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Endrin ketone	ND		0.047	0.019	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
gamma-BHC (Lindane)	ND		0.047	0.006	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
gamma-Chlordane	ND		0.047	0.010	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Heptachlor	ND		0.047	0.008	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Heptachlor epoxide	ND		0.047	0.005	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Methoxychlor	ND		0.047	0.013	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Toxaphene	ND		0.474	0.114	ug/L	1.00	02/03/09 12:19	tch	9A29019	8081A
Surr: Decachlorobiphenyl (15-139%)	*32 %*						02/03/09 12:19	tch	9A29019	8081A
Surr: Tetrachloro-m-xylene (30-139%)	*85 %*						02/03/09 12:19	tch	9A29019	8081A
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND		0.474	0.167	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1221	ND		0.474	0.167	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1232	ND		0.474	0.167	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1242	ND		0.474	0.167	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1248	ND		0.474	0.167	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1254	ND		0.474	0.237	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Aroclor 1260	ND		0.474	0.237	ug/L	1.00	01/31/09 16:15	tch	9A29020	8082
Surr: Decachlorobiphenyl (12-137%)	*37 %*						01/31/09 16:15	tch	9A29020	8082
Surr: Tetrachloro-m-xylene (35-121%)	*87 %*						01/31/09 16:15	tch	9A29020	8082
Semivolatile Organics by GC/MS										
1,2,4-Trichlorobenzene	ND		9.8	0.11	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
1,2-Dichlorobenzene	ND		9.8	0.14	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
1,3-Dichlorobenzene	ND		9.8	0.13	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
1,4-Dichlorobenzene	ND		9.8	0.15	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4,5-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4,6-Trichlorophenol	ND		4.9	0.97	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4-Dichlorophenol	ND		4.9	0.77	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4-Dimethylphenol	ND		4.9	0.94	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,6-Dinitrotoluene	ND		4.9	0.50	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C

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Project: NYSDEC Spills - Penn Empire Site: Site #907034
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Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01 (MW-2 - Water) - cont.						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Semivolatile Organics by GC/MS - cont.										
2-Chloronaphthalene	ND		4.9	0.082	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2-Chlorophenol	ND		4.9	0.50	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2-Methylnaphthalene	ND		4.9	0.080	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2-Methylphenol	ND		4.9	0.22	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2-Nitroaniline	ND		9.8	0.49	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2-Nitrophenol	ND		4.9	0.59	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.37	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
3-Nitroaniline	ND		9.8	1.5	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.88	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Chloro-3-methylphenol	ND		4.9	0.58	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Chloroaniline	ND		4.9	0.32	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.16	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Methylphenol	ND		4.9	0.35	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Nitroaniline	ND		9.8	0.45	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Acenaphthene	ND		4.9	0.11	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Acenaphthylene	ND		4.9	0.046	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Anthracene	ND		4.9	0.055	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Benzo(a)anthracene	ND		4.9	0.063	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Benzo(a)pyrene	ND		4.9	0.089	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Benzo(b)fluoranthene	ND		4.9	0.062	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Benzo(ghi)perylene	ND		4.9	0.076	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Benzo(k)fluoranthene	ND		4.9	0.065	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.37	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.18	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
2,2'-Oxybis(1-Chloropropane)	ND		4.9	0.42	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Bis(2-ethylhexyl) phthalate	**5.8**		4.9	4.7	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Butyl benzyl phthalate	ND		4.9	1.7	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Carbazole	ND		4.9	0.087	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Chrysene	ND		4.9	0.27	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Dibenzo(a,h)anthracene	ND		4.9	0.20	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Dibenzofuran	ND		4.9	0.096	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Diethyl phthalate	ND		4.9	0.11	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Dimethyl phthalate	ND		4.9	0.29	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Di-n-butyl phthalate	ND		4.9	0.29	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Di-n-octyl phthalate	ND		4.9	0.24	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Fluoranthene	ND		4.9	0.096	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Fluorene	ND		4.9	0.073	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Hexachlorobenzene	ND		4.9	0.44	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Hexachlorobutadiene	ND		4.9	2.5	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Hexachlorocyclopentadiene	ND		4.9	2.5	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Hexachloroethane	ND		4.9	2.8	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Indeno(1,2,3-cd)pyrene	ND		4.9	0.15	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Isophorone	ND		4.9	0.31	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Naphthalene	ND		4.9	0.11	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Nitrobenzene	ND		4.9	0.53	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.44	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
N-Nitrosodiphenylamine	ND		4.9	0.25	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Pentachlorophenol	ND		9.8	5.0	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Phenanthrene	ND		4.9	0.11	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01 (MW-2 - Water) - cont.						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Semivolatile Organics by GC/MS - cont.										
Phenol	ND		4.9	0.44	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Pyrene	ND		4.9	0.067	ug/L	1.00	02/23/09 20:11	ERK	9A30042	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*93 %*						02/23/09 20:11	ERK	9A30042	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*93 %*						02/23/09 20:11	ERK	9A30042	8270C
Surr: 2-Fluorophenol (20-120%)	*41 %*						02/23/09 20:11	ERK	9A30042	8270C
Surr: Nitrobenzene-d5 (46-120%)	*94 %*						02/23/09 20:11	ERK	9A30042	8270C
Surr: Phenol-d5 (16-120%)	*31 %*						02/23/09 20:11	ERK	9A30042	8270C
Surr: p-Terphenyl-d14 (24-136%)	*52 %*						02/23/09 20:11	ERK	9A30042	8270C
Total Metals by SW 846 Series Methods										
Aluminum	**3.40**		0.200	0.0236	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Antimony	ND		0.0200	0.00548	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Arsenic	ND		0.0100	0.00370	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Barium	**0.545**		0.00200	0.000280	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Beryllium	ND		0.00200	0.000330	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Cadmium	ND	B1	0.00100	0.000330	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Calcium	**134**		0.500	0.100	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Chromium	**0.00381**	J	0.00400	0.000880	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Cobalt	**0.00189**	J	0.00400	0.00106	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Copper	**0.0331**		0.0100	0.00126	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Iron	**4.13**	B1	0.0500	0.0193	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Lead	**0.00501**		0.00500	0.00290	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Magnesium	**22.1**		0.200	0.0423	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Manganese	**0.186**		0.00300	0.000240	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Nickel	**0.00558**	J	0.0100	0.00103	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Potassium	**2.77**		0.500	0.0500	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Selenium	ND		0.0150	0.00610	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Silver	ND		0.00300	0.00127	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Sodium	**42.0**		1.00	0.339	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Thallium	ND		0.0200	0.00588	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Vanadium	**0.00536**		0.00500	0.000980	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Zinc	**0.0753**		0.0100	0.00360	mg/L	1.00	01/31/09 02:57	AH	9A29024	6010B
Mercury	ND		0.000200	0.000120	mg/L	1.00	01/30/09 16:40	MM	9A30043	7470A
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P-HS	5.0	0.26	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,1,2,2-Tetrachloroethane	ND	P-HS	5.0	0.21	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,1,2-Trichloroethane	ND	P-HS	5.0	0.23	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,1-Dichloroethane	ND	P-HS	5.0	0.75	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,1-Dichloroethene	ND	P-HS	5.0	0.29	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,2-Dichloroethane	ND	P-HS	5.0	0.21	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,2-Dichloroethene, Total	ND	P-HS	10	0.70	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
1,2-Dichloropropane	ND	P-HS	5.0	0.14	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
2-Butanone	ND	P-HS	25	1.3	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
2-Hexanone	ND	P-HS	25	1.2	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
4-Methyl-2-pentanone	ND	P-HS	25	0.91	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Acetone	ND	P-HS	25	1.3	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Benzene	ND	P-HS	5.0	0.16	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Bromodichloromethane	ND	P-HS	5.0	0.39	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Bromoform	ND	P-HS	5.0	0.26	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Bromomethane	ND	P-HS	5.0	0.28	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Carbon disulfide	ND	P-HS	5.0	0.19	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Carbon Tetrachloride	ND	P-HS	5.0	0.27	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01 (MW-2 - Water) - cont.						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Volatile Organic Compounds by EPA 8260B - cont.										
Chlorobenzene	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Dibromochloromethane	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Chloroethane	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Chloroform	ND	P-HS	5.0	0.34	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Chloromethane	ND	P-HS	5.0	0.35	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
cis-1,3-Dichloropropene	ND	P-HS	5.0	0.36	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Ethylbenzene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Methylene Chloride	ND	P-HS	5.0	0.44	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Styrene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Tetrachloroethene	ND	P-HS	5.0	0.36	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Toluene	ND	P-HS	5.0	0.51	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
trans-1,3-Dichloropropene	ND	P-HS	5.0	0.37	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Trichloroethene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Vinyl acetate	ND	P-HS	25	0.85	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Vinyl chloride	ND	P-HS	5.0	0.24	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Xylenes, total	ND	P-HS	15	0.93	ug/L	1.00	02/10/09 15:39	DHF	9B10025	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*90 %*	*P-HS*					02/10/09 15:39	DHF	9B10025	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*109 %*	*P-HS*					02/10/09 15:39	DHF	9B10025	8260B
Surr: Dibromofluoromethane (70-130%)	*92 %*	*P-HS*					02/10/09 15:39	DHF	9B10025	8260B
Surr: Toluene-d8 (71-126%)	*100 %*	*P-HS*					02/10/09 15:39	DHF	9B10025	8260B

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270 Michigan Avenue
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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-01RE1 (MW-2 - Water)						**Sampled: 01/27/09 11:28**			**Recvd: 01/28/09 11:30**	
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD [2C]	ND	H4	0.049	0.016	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
4,4'-DDE [2C]	**0.022**	H4,J	0.049	0.011	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
4,4'-DDT [2C]	ND	H4	0.049	0.011	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Aldrin [2C]	ND	H4	0.049	0.006	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
alpha-BHC [2C]	ND	H4	0.049	0.006	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
alpha-Chlordane [2C]	ND	H4	0.049	0.015	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
beta-BHC [2C]	ND	H4	0.049	0.024	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Chlordane [2C]	ND	H4	0.490	0.049	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
delta-BHC [2C]	**0.025**	H4,J	0.049	0.010	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Dieldrin [2C]	ND	H4	0.049	0.019	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endosulfan I [2C]	ND	H4	0.049	0.024	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endosulfan II [2C]	ND	H4	0.049	0.019	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endosulfan sulfate [2C]	ND	H4	0.049	0.015	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endrin [2C]	ND	H4	0.049	0.014	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endrin aldehyde [2C]	ND	H4	0.049	0.016	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Endrin ketone [2C]	ND	H4	0.049	0.020	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
gamma-BHC (Lindane) [2C]	ND	H4	0.049	0.006	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
gamma-Chlordane [2C]	**0.024**	H4,J	0.049	0.011	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Heptachlor [2C]	ND	H4	0.049	0.008	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Heptachlor epoxide [2C]	**0.016**	H4,J	0.049	0.005	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Methoxychlor [2C]	ND	H4	0.049	0.014	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Toxaphene [2C]	ND	H4	0.490	0.118	ug/L	1.00	02/09/09 12:43	tch	9B04035	8081A
Surr: Decachlorobiphenyl [2C] (15-139%)	*48 %*	*H4*					02/09/09 12:43	tch	9B04035	8081A
Surr: Tetrachloro-m-xylene [2C] (30-139%)	*77 %*	*H4*					02/09/09 12:43	tch	9B04035	8081A

New York State D.E.C. - Buffalo, NY
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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-02 (MW-4 - Water)						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Herbicides										
2,4,5-T [2C]	ND		0.48	0.14	ug/L	1.00	02/02/09 13:31	tch	9A29023	8151A
2,4-D [2C]	ND		0.48	0.10	ug/L	1.00	02/02/09 13:31	tch	9A29023	8151A
Silvex [2,4,5-TP] [2C]	ND		0.48	0.11	ug/L	1.00	02/02/09 13:31	tch	9A29023	8151A
Surr: 2,4-Dichlorophenylacetic acid [2C] (19-128%)	*63 %*						02/02/09 13:31	tch	9A29023	8151A
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD	ND		0.048	0.016	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
4,4'-DDE	ND		0.048	0.011	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
4,4'-DDT	ND		0.048	0.010	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Aldrin	ND		0.048	0.006	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
alpha-BHC	ND		0.048	0.006	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
alpha-Chlordane	ND		0.048	0.014	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
beta-BHC	ND		0.048	0.024	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Chlordane	ND		0.476	0.048	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
delta-BHC	ND		0.048	0.010	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Dieldrin	ND		0.048	0.019	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endosulfan I	ND		0.048	0.023	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endosulfan II	ND		0.048	0.018	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endosulfan sulfate	ND		0.048	0.015	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endrin	ND		0.048	0.013	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endrin aldehyde	ND		0.048	0.016	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Endrin ketone	ND		0.048	0.019	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
gamma-BHC (Lindane)	ND		0.048	0.006	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
gamma-Chlordane	ND		0.048	0.010	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Heptachlor	ND		0.048	0.008	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Heptachlor epoxide	ND		0.048	0.005	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Methoxychlor	ND		0.048	0.013	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Toxaphene	ND		0.476	0.114	ug/L	1.00	02/03/09 12:55	tch	9A29019	8081A
Surr: Decachlorobiphenyl (15-139%)	*38 %*						02/03/09 12:55	tch	9A29019	8081A
Surr: Tetrachloro-m-xylene (30-139%)	*79 %*						02/03/09 12:55	tch	9A29019	8081A
Polychlorinated Biphenyls by EPA Method 8082										
Aroclor 1016	ND		0.476	0.168	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1221	ND		0.476	0.168	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1232	ND		0.476	0.168	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1242	ND		0.476	0.168	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1248	ND		0.476	0.168	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1254	ND		0.476	0.238	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Aroclor 1260	ND		0.476	0.238	ug/L	1.00	01/31/09 16:59	tch	9A29020	8082
Surr: Decachlorobiphenyl (12-137%)	*43 %*						01/31/09 16:59	tch	9A29020	8082
Surr: Tetrachloro-m-xylene (35-121%)	*79 %*						01/31/09 16:59	tch	9A29020	8082
Semivolatile Organics by GC/MS										
1,2,4-Trichlorobenzene	ND		9.4	0.11	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
1,2-Dichlorobenzene	ND		9.4	0.14	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
1,3-Dichlorobenzene	ND		9.4	0.13	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
1,4-Dichlorobenzene	ND		9.4	0.15	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4,5-Trichlorophenol	ND		4.7	0.93	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4,6-Trichlorophenol	ND		4.7	0.94	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4-Dichlorophenol	ND		4.7	0.74	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4-Dimethylphenol	ND		4.7	0.91	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4-Dinitrophenol	ND		9.4	2.1	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,6-Dinitrotoluene	ND		4.7	0.48	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-02 (MW-4 - Water) - cont.						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Semivolatile Organics by GC/MS - cont.										
2-Chloronaphthalene	ND		4.7	0.079	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2-Chlorophenol	ND		4.7	0.48	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2-Methylnaphthalene	ND		4.7	0.077	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2-Methylphenol	ND		4.7	0.22	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2-Nitroaniline	ND		9.4	0.47	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2-Nitrophenol	ND		4.7	0.57	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
3,3'-Dichlorobenzidine	ND		4.7	0.35	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
3-Nitroaniline	ND		9.4	1.5	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Bromophenyl phenyl ether	ND		4.7	0.85	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Chloro-3-methylphenol	ND		4.7	0.56	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Chloroaniline	ND		4.7	0.31	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Chlorophenyl phenyl ether	ND		4.7	0.16	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Methylphenol	ND		4.7	0.33	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Nitroaniline	ND		9.4	0.43	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
4-Nitrophenol	ND		9.4	1.4	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Acenaphthene	ND		4.7	0.11	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Acenaphthylene	ND		4.7	0.044	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Anthracene	ND		4.7	0.053	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Benzo(a)anthracene	ND		4.7	0.060	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Benzo(a)pyrene	ND		4.7	0.086	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Benzo(b)fluoranthene	ND		4.7	0.059	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Benzo(ghi)perylene	ND		4.7	0.074	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Benzo(k)fluoranthene	ND		4.7	0.062	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Bis(2-chloroethoxy)methane	ND		4.7	0.35	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Bis(2-chloroethyl)ether	ND		4.7	0.17	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
2,2'-Oxybis(1-Chloropropane)	ND		4.7	0.40	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Bis(2-ethylhexyl) phthalate	**9.9**		4.7	4.5	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Butyl benzyl phthalate	ND		4.7	1.6	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Carbazole	ND		4.7	0.084	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Chrysene	ND		4.7	0.26	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Dibenzo(a,h)anthracene	ND		4.7	0.19	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Dibenzofuran	ND		4.7	0.092	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Diethyl phthalate	ND		4.7	0.10	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Dimethyl phthalate	ND		4.7	0.28	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Di-n-butyl phthalate	ND		4.7	0.28	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Di-n-octyl phthalate	ND		4.7	0.23	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Fluoranthene	ND		4.7	0.093	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Fluorene	ND		4.7	0.070	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Hexachlorobenzene	ND		4.7	0.42	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Hexachlorobutadiene	ND		4.7	2.4	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Hexachlorocyclopentadiene	ND		4.7	2.4	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Hexachloroethane	ND		4.7	2.7	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Indeno(1,2,3-cd)pyrene	ND		4.7	0.14	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Isophorone	ND		4.7	0.30	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Naphthalene	ND		4.7	0.11	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Nitrobenzene	ND		4.7	0.51	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
N-Nitrosodi-n-propylamine	ND		4.7	0.43	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
N-Nitrosodiphenylamine	ND		4.7	0.25	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Pentachlorophenol	ND		9.4	4.8	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Phenanthrene	ND		4.7	0.11	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-02 (MW-4 - Water) - cont.						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Semivolatile Organics by GC/MS - cont.										
Phenol	ND		4.7	0.42	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Pyrene	ND		4.7	0.064	ug/L	1.00	02/23/09 20:34	ERK	9A30042	8270C
Surr: 2,4,6-Tribromophenol (52-132%)	*97 %*						02/23/09 20:34	ERK	9A30042	8270C
Surr: 2-Fluorobiphenyl (48-120%)	*93 %*						02/23/09 20:34	ERK	9A30042	8270C
Surr: 2-Fluorophenol (20-120%)	*40 %*						02/23/09 20:34	ERK	9A30042	8270C
Surr: Nitrobenzene-d5 (46-120%)	*94 %*						02/23/09 20:34	ERK	9A30042	8270C
Surr: Phenol-d5 (16-120%)	*29 %*						02/23/09 20:34	ERK	9A30042	8270C
Surr: p-Terphenyl-d14 (24-136%)	*51 %*						02/23/09 20:34	ERK	9A30042	8270C
Total Metals by SW 846 Series Methods										
Aluminum	**5.85**		0.200	0.0236	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Antimony	ND		0.0200	0.00548	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Arsenic	**0.00796**	J	0.0100	0.00370	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Barium	**0.386**		0.00200	0.000280	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Beryllium	ND		0.00200	0.000330	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Cadmium	ND	B1	0.00100	0.000330	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Calcium	**161**		0.500	0.100	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Chromium	**0.00716**		0.00400	0.000880	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Cobalt	**0.00512**		0.00400	0.00106	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Copper	**0.0268**		0.0100	0.00126	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Iron	**8.92**	B1	0.0500	0.0193	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Lead	**0.00882**		0.00500	0.00290	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Magnesium	**33.7**		0.200	0.0423	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Manganese	**0.370**		0.00300	0.000240	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Nickel	**0.00930**	J	0.0100	0.00103	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Potassium	**6.14**		0.500	0.0500	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Selenium	ND		0.0150	0.00610	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Silver	ND		0.00300	0.00127	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Sodium	**70.3**		1.00	0.339	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Thallium	ND		0.0200	0.00588	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Vanadium	**0.00848**		0.00500	0.000980	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Zinc	**0.0562**		0.0100	0.00360	mg/L	1.00	01/31/09 03:03	AH	9A29024	6010B
Mercury	ND		0.000200	0.000120	mg/L	1.00	01/30/09 16:41	MM	9A30043	7470A
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND	P-HS	5.0	0.26	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,1,2,2-Tetrachloroethane	ND	P-HS	5.0	0.21	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,1,2-Trichloroethane	ND	P-HS	5.0	0.23	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,1-Dichloroethane	ND	P-HS	5.0	0.75	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,1-Dichloroethene	ND	P-HS	5.0	0.29	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,2-Dichloroethane	ND	P-HS	5.0	0.21	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,2-Dichloroethene, Total	ND	P-HS	10	0.70	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
1,2-Dichloropropane	ND	P-HS	5.0	0.14	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
2-Butanone	ND	P-HS	25	1.3	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
2-Hexanone	ND	P-HS	25	1.2	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
4-Methyl-2-pentanone	ND	P-HS	25	0.91	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Acetone	ND	P-HS	25	1.3	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Benzene	ND	P-HS	5.0	0.16	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Bromodichloromethane	ND	P-HS	5.0	0.39	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Bromoform	ND	P-HS	5.0	0.26	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Bromomethane	ND	P-HS	5.0	0.28	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Carbon disulfide	ND	P-HS	5.0	0.19	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Carbon Tetrachloride	ND	P-HS	5.0	0.27	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B

New York State D.E.C. - Buffalo, NY
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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-02 (MW-4 - Water) - cont.						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Volatile Organic Compounds by EPA 8260B - cont.										
Chlorobenzene	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Dibromochloromethane	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Chloroethane	ND	P-HS	5.0	0.32	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Chloroform	ND	P-HS	5.0	0.34	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Chloromethane	ND	P-HS	5.0	0.35	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
cis-1,3-Dichloropropene	ND	P-HS	5.0	0.36	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Ethylbenzene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Methylene Chloride	ND	P-HS	5.0	0.44	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Styrene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Tetrachloroethene	ND	P-HS	5.0	0.36	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Toluene	ND	P-HS	5.0	0.51	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
trans-1,3-Dichloropropene	ND	P-HS	5.0	0.37	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Trichloroethene	ND	P-HS	5.0	0.18	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Vinyl acetate	ND	P-HS	25	0.85	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Vinyl chloride	ND	P-HS	5.0	0.24	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Xylenes, total	ND	P-HS	15	0.93	ug/L	1.00	02/10/09 16:04	DHF	9B10025	8260B
Surr: 1,2-Dichloroethane-d4 (66-137%)	*100 %*	*P-HS*					02/10/09 16:04	DHF	9B10025	8260B
Surr: 4-Bromofluorobenzene (73-120%)	*118 %*	*P-HS*					02/10/09 16:04	DHF	9B10025	8260B
Surr: Dibromofluoromethane (70-130%)	*102 %*	*P-HS*					02/10/09 16:04	DHF	9B10025	8260B
Surr: Toluene-d8 (71-126%)	*108 %*	*P-HS*					02/10/09 16:04	DHF	9B10025	8260B

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Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

Analytical Report

Analyte	Sample Result	Data Qualifiers	Rpt Limit	MDL	Units	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: RSA0874-02RE1 (MW-4 - Water)						**Sampled: 01/27/09 12:04**			**Recvd: 01/28/09 11:30**	
Organochlorine Pesticides by EPA Method 8081A										
4,4'-DDD [2C]	ND	H4	0.048	0.016	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
4,4'-DDE [2C]	ND	H4	0.048	0.011	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
4,4'-DDT [2C]	ND	H4	0.048	0.010	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Aldrin [2C]	ND	H4	0.048	0.006	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
alpha-BHC [2C]	ND	H4	0.048	0.006	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
alpha-Chlordane [2C]	ND	H4	0.048	0.014	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
beta-BHC [2C]	ND	H4	0.048	0.024	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Chlordane [2C]	ND	H4	0.476	0.048	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
delta-BHC [2C]	ND	H4	0.048	0.010	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Dieldrin [2C]	ND	H4	0.048	0.019	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endosulfan I [2C]	ND	H4	0.048	0.023	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endosulfan II [2C]	ND	H4	0.048	0.018	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endosulfan sulfate [2C]	ND	H4	0.048	0.015	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endrin [2C]	ND	H4	0.048	0.013	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endrin aldehyde [2C]	ND	H4	0.048	0.016	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Endrin ketone [2C]	ND	H4	0.048	0.019	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
gamma-BHC (Lindane) [2C]	ND	H4	0.048	0.006	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
gamma-Chlordane [2C]	ND	H4	0.048	0.010	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Heptachlor [2C]	ND	H4	0.048	0.008	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Heptachlor epoxide [2C]	ND	H4	0.048	0.005	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Methoxychlor [2C]	ND	H4	0.048	0.013	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Toxaphene [2C]	ND	H4	0.476	0.114	ug/L	1.00	02/09/09 13:18	tch	9B04035	8081A
Surr: Decachlorobiphenyl [2C] (15-139%)	*41 %*	*H4*					02/09/09 13:18	tch	9B04035	8081A
Surr: Tetrachloro-m-xylene [2C] (30-139%)	*75 %*	*H4*					02/09/09 13:18	tch	9B04035	8081A

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Volume	Date	Analyst	Extraction Method
Herbicides							
8151A	9A29023	RSA0874-01	1,020.00	10.00	01/29/09 12:24	JB	8151A Aq. Prep
8151A	9A29023	RSA0874-02	1,050.00	10.00	01/29/09 12:24	JB	8151A Aq. Prep
Organochlorine Pesticides by EPA Method 8081A							
8081A	9A29019	RSA0874-01	1,055.00	10.00	01/29/09 15:15	EKD	3510C GC
8081A	9B04035	RSA0874-01RE	1,020.00	10.00	02/04/09 14:00	BL	3510C GC
8081A	9A29019	RSA0874-02	1,050.00	10.00	01/29/09 15:15	EKD	3510C GC
8081A	9B04035	RSA0874-02RE	1,050.00	10.00	02/04/09 14:00	BL	3510C GC
Polychlorinated Biphenyls by EPA Method 8082							
8082	9A29020	RSA0874-01	1,055.00	10.00	01/29/09 15:15	EKD	3510C GC
8082	9A29020	RSA0874-02	1,050.00	10.00	01/29/09 15:15	EKD	3510C GC
Semivolatile Organics by GC/MS							
8270C	9A30042	RSA0874-01	1,020.00	1.00	01/30/09 15:00	LT	3510C MB
8270C	9A30042	RSA0874-02	1,060.00	1.00	01/30/09 15:00	LT	3510C MB
Total Metals by SW 846 Series Methods							
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-01	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A

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THE LEADER IN ENVIRONMENTAL TESTING

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

Work Order: RSA0874

Project: NYSDEC Spills - Penn Empire Site: Site #907034
Project Number: NYSDEC

Received: 01/28/09
Reported: 02/27/09 13:40

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Volume	Date	Analyst	Extraction Method
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
6010B	9A29024	RSA0874-02	50.00	50.00	01/30/09 09:00	MLD	3005A
7470A	9A30043	RSA0874-01	30.00	50.00	01/30/09 15:15	MM	7470A / 245.1
7470A	9A30043	RSA0874-02	30.00	50.00	01/30/09 15:15	MM	7470A / 245.1
Volatile Organic Compounds by EPA 8260B							
8260B	9B10025	RSA0874-01	5.00	5.00	02/10/09 00:00	DHC	5030B MS
8260B	9B10025	RSA0874-02	5.00	5.00	02/10/09 00:00	DHC	5030B MS

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

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TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 9 & Empire GeoServices	Chad Staniszewski (DEC) Dave Skena (Empire)	1.27.09	112161
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
City / State / Zip Code	**Site Contact** Chad Staniszewski	**Lab Contact** Brian Fisher	
Project Name and Location (State) PennEmpire Transportation, Celeron, NY	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No. NYSDEC Spill # 907034			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Cool	Analysis: 40mL-VOA	Poly	950mL Amber	Special Instructions/ Conditions of Receipt
MW-2	1.27.09	1128		X						X				XX			40mL VOAs - TCL VOCs
MW-4	1.27.09	1204		X						X				XX			Poly - Full TAL Metals
MW-2	1.27.09	1128		X					X						X		950mL Amber - TCL SVOCs
MW-4	1.27.09	1204		X					X						X		PCBs
MW-2	1.27.09	1128		X									X			XX	Pesticides
MW-4	1.27.09	1204		X									X			XX	Herbicides
										Total				4	2	8	

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

Sample Disposal
☐ 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 NYSDEC 10 Day

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By	01-28-09	11:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-D352

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT
Task: NYSDEC Spills - Penn Empire Site: Site #907034

Mr. Chad Staniszewski
NYSDEC - Region 9
270 Michigan Ave
Buffalo, NY 14203

CC: Mr. Tom Hellert

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

11/19/2008

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 6/15/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, 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*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

*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.

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8D35204	OIL MIX SOLVENT	OIL	10/22/2008	09:40	10/23/2008	11:30
A8D35201	OIL WATER MIX #1	OIL	10/22/2008	09:50	10/23/2008	11:30
A8D35202	OIL WATER MIX #2	OIL	10/22/2008	09:54	10/23/2008	11:30
A8D35203	OIL WATER MIX #3	OIL	10/22/2008	09:57	10/23/2008	11:30
A8D35205	SOLVENT	OIL	10/22/2008	10:27	10/23/2008	11:30
A8D35206	UNOPER (8&13)	OIL	10/22/2008	10:42	10/23/2008	11:30

METHODS SUMMARY

Job#: A08-D352

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

PARAMETER	ANALYTICAL METHOD
NYSDEC - METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
NYSDEC -S-METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082(OIL)
REG.9 - METHOD 310.13 - PETROLEUM PRODUCTS	NYSDOH 31013
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Flashpoint	SW8463 1010
Leachable pH	SW8463 9045

References:

NYSDOH "Compendium of Methods", New York State Department of Health, Wadsworth Center for Laboratories and Research.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A08-D352

Project#: NY5A946109
Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

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. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-D352
Sample Cooler(s) were received at the following temperature(s); 4.8 °C
Analyze top oil layer only.

GC/MS Volatile Data

The surrogates in Method 8260 were not recoverable for samples and dilutions OIL WATER MIX #1, OIL WATER MIX #2, OIL WATER MIX #3 and OIL WATER SOLVENT due to dilutions performed on the sample. A lesser dilution could not be performed due to the nature of the sample.

Due to the sample matrix, the laboratory was unable to do a dry weight determination, therefore a dry weight of 100% was assumed for calculation purposes.

The analyte methyl acetate was detected in the VBLK 110308 A8B2547102. The dilution process involves additional manipulation of the sample, therefore, the sample detection for methyl acetate in the VBLK may potentially be due to laboratory contamination and should be evaluated accordingly.

GC/MS Semivolatile Data

The Relative Percent Difference between the Matrix Spike Blank A8B2495301 and the Matrix Spike Blank Duplicate A8B2495302 exceeded quality control criteria for 2-Chlorophenol, though all individual recoveries are compliant. No action required.

The surrogate recovery for Nitrobenzene-D5 was above the laboratory quality control limits for sample OIL WATER MIX #1. Based on the laboratory SOP, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit.

The surrogate recovery for 2-Fluorobiphenyl was above the laboratory quality control limits for sample SOLVENT. Based on the laboratory SOP, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit.

The internal standard recovery for Naphthalene-D8 was above the method defined quality control limit in sample SOLVENT. The sample was re-analyzed at a higher dilution with compliant results. Due to better separation of peaks in this dilution, 2,4-dimethylphenol is now detected but was not in the initial analysis. Both analyses are included in the report. No further corrective action was required.

GC Extractable Data

For method 8082, all sample extracts and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"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 above. 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 J. Fischer
Project Manager

11-19-08
Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
OIL WATER MIX #1	A8D35201	31013	20.00	008
OIL WATER MIX #1	A8D35201	8260	50.00	008
OIL WATER MIX #1	A8D35201	8270	10.00	012
OIL WATER MIX #1	A8D35201DL	8260	200.00	008
OIL WATER MIX #2	A8D35202	31013	10.00	008
OIL WATER MIX #2	A8D35202	8260	50.00	008
OIL WATER MIX #2	A8D35202	8270	10.00	012
OIL WATER MIX #2	A8D35202DL	8260	200.00	008
OIL WATER MIX #3	A8D35203	31013	10.00	008
OIL WATER MIX #3	A8D35203	8260	50.00	008
OIL WATER MIX #3	A8D35203	8270	10.00	012
OIL WATER MIX #3	A8D35203DL	8260	200.00	008
OIL MIX SOLVENT	A8D35204	31013	20.00	008
OIL MIX SOLVENT	A8D35204	8082(OIL)	2.00	002
OIL MIX SOLVENT	A8D35204	8260	50.00	008
OIL MIX SOLVENT	A8D35204	8270	10.00	012
SOLVENT	A8D35205	31013	20.00	008
SOLVENT	A8D35205	8082(OIL)	10.00	002
SOLVENT RI	A8D35205RI	8270	5.00	005
UNOPER (8&13)	A8D35206	31013	20.00	008
UNOPER (8&13)	A8D35206	8270	10.00	012

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

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THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: OIL MIX SOLVENT
Lab Sample ID: A8D35204
Date Collected: 10/22/2008
Time Collected: 09:40

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,1,2,2-Tetrachloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,1,2-Trichloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,1-Dichloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,1-Dichloroethene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2,4-Trichlorobenzene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2-Dibromo-3-chloropropane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2-Dibromoethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2-Dichlorobenzene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2-Dichloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,2-Dichloropropane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,3-Dichlorobenzene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
1,4-Dichlorobenzene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
2-Butanone	ND		31000	UG/KG	8260	11/03/2008 19:29	RJ
2-Hexanone	ND		31000	UG/KG	8260	11/03/2008 19:29	RJ
4-Methyl-2-pentanone	ND		31000	UG/KG	8260	11/03/2008 19:29	RJ
Acetone	470000		31000	UG/KG	8260	11/03/2008 19:29	RJ
Benzene	22000		6100	UG/KG	8260	11/03/2008 19:29	RJ
Bromodichloromethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Bromoform	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Bromomethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Carbon Disulfide	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Carbon Tetrachloride	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Chlorobenzene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Chloroethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Chloroform	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Chloromethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
cis-1,2-Dichloroethene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
cis-1,3-Dichloropropene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Cyclohexane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Dibromochloromethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Dichlorodifluoromethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Ethylbenzene	110000		6100	UG/KG	8260	11/03/2008 19:29	RJ
Isopropylbenzene	7800		6100	UG/KG	8260	11/03/2008 19:29	RJ
Methyl acetate	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Methyl-t-Butyl Ether (MTBE)	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Methylcyclohexane	9600		6100	UG/KG	8260	11/03/2008 19:29	RJ
Methylene chloride	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Styrene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Tetrachloroethene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Toluene	290000		6100	UG/KG	8260	11/03/2008 19:29	RJ
Total Xylenes	550000		18000	UG/KG	8260	11/03/2008 19:29	RJ
trans-1,2-Dichloroethene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
trans-1,3-Dichloropropene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Trichloroethene	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Trichlorofluoromethane	ND		6100	UG/KG	8260	11/03/2008 19:29	RJ
Vinyl chloride	ND		12000	UG/KG	8260	11/03/2008 19:29	RJ

Sample ID: OIL MIX SOLVENT
Lab Sample ID: A8D35204
Date Collected: 10/22/2008
Time Collected: 09:40

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,4,5-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,4,6-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,4-Dichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,4-Dimethylphenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,4-Dinitrophenol	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
2,4-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2,6-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2-Chloronaphthalene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2-Chlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2-Methylnaphthalene	2500000		340000	UG/KG	8270	11/06/2008 02:50	MD
2-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
2-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
2-Nitrophenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
3,3'-Dichlorobenzidine	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
3-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
4,6-Dinitro-2-methylphenol	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
4-Bromophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
4-Chloro-3-methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
4-Chloroaniline	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
4-Chlorophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
4-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
4-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
4-Nitrophenol	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
Acenaphthene	47000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Acenaphthylene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Acetophenone	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Anthracene	40000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Atrazine	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Benzaldehyde	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Benzo(a)anthracene	26000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Benzo(a)pyrene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Benzo(b)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Benzo(ghi)perylene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Benzo(k)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Biphenyl	270000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Bis(2-chloroethoxy) methane	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Bis(2-chloroethyl) ether	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Bis(2-ethylhexyl) phthalate	220000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Butyl benzyl phthalate	100000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Caprolactam	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Carbazole	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Chrysene	14000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Di-n-butyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Di-n-octyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Dibenzo(a,h)anthracene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Dibenzofuran	81000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Diethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Dimethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:50	MD

Sample ID: OIL MIX SOLVENT
Lab Sample ID: A8D35204
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Time Collected: 09:40

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	31000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Fluorene	200000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
Hexachlorobenzene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Hexachlorobutadiene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Hexachlorocyclopentadiene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Hexachloroethane	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Indeno(1,2,3-cd)pyrene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Isophorone	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
N-Nitroso-Di-n-propylamine	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
N-nitrosodiphenylamine	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Naphthalene	1000000		340000	UG/KG	8270	11/06/2008 02:50	MD
Nitrobenzene	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Pentachlorophenol	ND		660000	UG/KG	8270	11/06/2008 02:50	MD
Phenanthrene	340000		340000	UG/KG	8270	11/06/2008 02:50	MD
Phenol	ND		340000	UG/KG	8270	11/06/2008 02:50	MD
Pyrene	80000	J	340000	UG/KG	8270	11/06/2008 02:50	MD
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	440000		35000	MG/KG	31013	11/03/2008 12:43	DW
Fuel Oil #4	ND		35000	MG/KG	31013	11/03/2008 12:43	DW
Fuel Oil #6	ND		35000	MG/KG	31013	11/03/2008 12:43	DW
Gasoline	110000		35000	MG/KG	31013	11/03/2008 12:43	DW
Kerosene	ND		35000	MG/KG	31013	11/03/2008 12:43	DW
Motor Oil	ND		35000	MG/KG	31013	11/03/2008 12:43	DW
Other-1	ND		35000	MG/KG	31013	11/03/2008 12:43	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1221	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1232	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1242	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1248	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1254	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Aroclor 1260	ND		3.8	MG/KG	8082(OIL)	11/04/2008 00:47	GFD
Metals Analysis							
Aluminum - Total	ND		10.1	MG/KG	6010	10/29/2008 22:34	AH
Antimony - Total	25.4		15.1	MG/KG	6010	10/29/2008 22:34	AH
Arsenic - Total	ND		2.0	MG/KG	6010	10/29/2008 22:34	AH
Barium - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Beryllium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:34	AH
Cadmium - Total	0.31		0.20	MG/KG	6010	10/29/2008 22:34	AH
Calcium - Total	110		50.4	MG/KG	6010	10/29/2008 22:34	AH
Chromium - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Cobalt - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Copper - Total	5.0		1.0	MG/KG	6010	10/29/2008 22:34	AH
Iron - Total	50.3		10.1	MG/KG	6010	10/29/2008 22:34	AH
Lead - Total	11.4		1.0	MG/KG	6010	10/29/2008 22:34	AH
Magnesium - Total	25.2		20.2	MG/KG	6010	10/29/2008 22:34	AH

Sample ID: OIL MIX SOLVENT
Lab Sample ID: A8D35204
Date Collected: 10/22/2008
Time Collected: 09:40

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	0.38		0.20	MG/KG	6010	10/29/2008 22:34	AH
Mercury - Total	ND		0.020	MG/KG	7471	11/03/2008 17:24	MM
Nickel - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Potassium - Total	ND		30.2	MG/KG	6010	10/29/2008 22:34	AH
Selenium - Total	ND		4.0	MG/KG	6010	10/29/2008 22:34	AH
Silver - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Sodium - Total	ND		141	MG/KG	6010	10/29/2008 22:34	AH
Thallium - Total	ND		6.0	MG/KG	6010	10/29/2008 22:34	AH
Vanadium - Total	ND		0.50	MG/KG	6010	10/29/2008 22:34	AH
Zinc - Total	119		2.0	MG/KG	6010	10/29/2008 22:34	AH
Wet Chemistry Analysis							
Flashpoint	110		0	°F	1010	11/06/2008 08:00	RMM
Leachable pH	8.00		0	S.U.	9045	10/28/2008 14:08	ERK

Sample ID: OIL WATER MIX #1
Lab Sample ID: A8D35201
Date Collected: 10/22/2008
Time Collected: 09:50

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,1,2,2-Tetrachloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,1,2-Trichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,1-Dichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,1-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2,4-Trichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2-Dibromo-3-chloropropane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2-Dibromoethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2-Dichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,2-Dichloropropane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,3-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
1,4-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
2-Butanone	ND		31000	UG/KG	8260	11/03/2008 18:05	RJ
2-Hexanone	ND		31000	UG/KG	8260	11/03/2008 18:05	RJ
4-Methyl-2-pentanone	52000		31000	UG/KG	8260	11/03/2008 18:05	RJ
Acetone	110000		31000	UG/KG	8260	11/03/2008 18:05	RJ
Benzene	190000		6200	UG/KG	8260	11/03/2008 18:05	RJ
Bromodichloromethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Bromoform	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Bromomethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Carbon Disulfide	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Carbon Tetrachloride	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Chlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Chloroethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Chloroform	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Chloromethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
cis-1,2-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
cis-1,3-Dichloropropene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Cyclohexane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Dibromochloromethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Dichlorodifluoromethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Ethylbenzene	380000		6200	UG/KG	8260	11/03/2008 18:05	RJ
Isopropylbenzene	32000		6200	UG/KG	8260	11/03/2008 18:05	RJ
Methyl acetate	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Methyl-t-Butyl Ether (MTBE)	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Methylcyclohexane	45000		6200	UG/KG	8260	11/03/2008 18:05	RJ
Methylene chloride	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Styrene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Tetrachloroethene	22000		6200	UG/KG	8260	11/03/2008 18:05	RJ
Toluene	1300000	E	6200	UG/KG	8260	11/03/2008 18:05	RJ
Total Xylenes	1800000		18000	UG/KG	8260	11/03/2008 18:05	RJ
trans-1,2-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
trans-1,3-Dichloropropene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Trichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Trichlorofluoromethane	ND		6200	UG/KG	8260	11/03/2008 18:05	RJ
Vinyl chloride	ND		12000	UG/KG	8260	11/03/2008 18:05	RJ

Sample ID: OIL WATER MIX #1
Lab Sample ID: A8D35201
Date Collected: 10/22/2008
Time Collected: 09:50

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,4,5-Trichlorophenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,4,6-Trichlorophenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,4-Dichlorophenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,4-Dimethylphenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,4-Dinitrophenol	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
2,4-Dinitrotoluene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2,6-Dinitrotoluene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2-Chloronaphthalene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2-Chlorophenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2-Methylnaphthalene	690000		280000	UG/KG	8270	10/31/2008 01:20	RM
2-Methylphenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
2-Nitroaniline	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
2-Nitrophenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
3,3'-Dichlorobenzidine	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
3-Nitroaniline	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
4,6-Dinitro-2-methylphenol	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
4-Bromophenyl phenyl ether	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
4-Chloro-3-methylphenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
4-Chloroaniline	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
4-Chlorophenyl phenyl ether	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
4-Methylphenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
4-Nitroaniline	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
4-Nitrophenol	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
Acenaphthene	52000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Acenaphthylene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Acetophenone	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Anthracene	19000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Atrazine	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Benzaldehyde	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Benzo(a)anthracene	12000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Benzo(a)pyrene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Benzo(b)fluoranthene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Benzo(ghi)perylene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Benzo(k)fluoranthene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Biphenyl	200000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Bis(2-chloroethoxy) methane	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Bis(2-chloroethyl) ether	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Bis(2-ethylhexyl) phthalate	96000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Butyl benzyl phthalate	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Caprolactam	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Carbazole	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Chrysene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Di-n-butyl phthalate	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Di-n-octyl phthalate	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Dibenzo(a,h)anthracene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Dibenzofuran	70000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Diethyl phthalate	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Dimethyl phthalate	ND		280000	UG/KG	8270	10/31/2008 01:20	RM

Sample ID: OIL WATER MIX #1
Lab Sample ID: A8D35201
Date Collected: 10/22/2008
Time Collected: 09:50

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Fluorene	180000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Hexachlorobenzene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Hexachlorobutadiene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Hexachlorocyclopentadiene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Hexachloroethane	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Indeno(1,2,3-cd)pyrene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Isophorone	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
N-Nitroso-Di-n-propylamine	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
N-nitrosodiphenylamine	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Naphthalene	220000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Nitrobenzene	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Pentachlorophenol	ND		550000	UG/KG	8270	10/31/2008 01:20	RM
Phenanthrene	180000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
Phenol	ND		280000	UG/KG	8270	10/31/2008 01:20	RM
Pyrene	40000	J	280000	UG/KG	8270	10/31/2008 01:20	RM
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	490000		50000	MG/KG	31013	10/30/2008 12:00	DW
Fuel Oil #4	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
Fuel Oil #6	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
Gasoline	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
Kerosene	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
Motor Oil	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
Other-1	ND		50000	MG/KG	31013	10/30/2008 12:00	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1221	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1232	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1242	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1248	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1254	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Aroclor 1260	ND		1.8	MG/KG	8082(OIL)	11/04/2008 00:05	GFD
Metals Analysis							
Aluminum - Total	ND		9.8	MG/KG	6010	10/29/2008 22:19	AH
Antimony - Total	ND		14.7	MG/KG	6010	10/29/2008 22:19	AH
Arsenic - Total	ND		2.0	MG/KG	6010	10/29/2008 22:19	AH
Barium - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Beryllium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:19	AH
Cadmium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:19	AH
Calcium - Total	70.8		48.9	MG/KG	6010	10/29/2008 22:19	AH
Chromium - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Cobalt - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Copper - Total	2.0		0.98	MG/KG	6010	10/29/2008 22:19	AH
Iron - Total	118		9.8	MG/KG	6010	10/29/2008 22:19	AH
Lead - Total	1.5		0.98	MG/KG	6010	10/29/2008 22:19	AH
Magnesium - Total	42.1		19.6	MG/KG	6010	10/29/2008 22:19	AH

Sample ID: OIL WATER MIX #1
Lab Sample ID: A8D35201
Date Collected: 10/22/2008
Time Collected: 09:50

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	0.38		0.20	MG/KG	6010	10/29/2008 22:19	AH
Mercury - Total	ND		0.020	MG/KG	7471	11/03/2008 17:17	MM
Nickel - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Potassium - Total	ND		29.4	MG/KG	6010	10/29/2008 22:19	AH
Selenium - Total	ND		3.9	MG/KG	6010	10/29/2008 22:19	AH
Silver - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Sodium - Total	ND		137	MG/KG	6010	10/29/2008 22:19	AH
Thallium - Total	ND		5.9	MG/KG	6010	10/29/2008 22:19	AH
Vanadium - Total	ND		0.49	MG/KG	6010	10/29/2008 22:19	AH
Zinc - Total	71.8		2.0	MG/KG	6010	10/29/2008 22:19	AH
Wet Chemistry Analysis							
Flashpoint	>176.0		0	°F	1010	11/04/2008 20:00	RJP
Leachable pH	8.00		0	S.U.	9045	10/28/2008 14:08	ERK

Sample ID: OIL WATER MIX #1
Lab Sample ID: A8D352O1DL
Date Collected: 10/22/2008
Time Collected: 09:50

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,1,2,2-Tetrachloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,1,2-Trichloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,1-Dichloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,1-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2,4-Trichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2-Dibromo-3-chloropropane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2-Dibromoethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2-Dichloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,2-Dichloropropane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,3-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
1,4-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
2-Butanone	ND		120000	UG/KG	8260	11/04/2008 13:37	RJ
2-Hexanone	ND		120000	UG/KG	8260	11/04/2008 13:37	RJ
4-Methyl-2-pentanone	ND		120000	UG/KG	8260	11/04/2008 13:37	RJ
Acetone	160000	D	120000	UG/KG	8260	11/04/2008 13:37	RJ
Benzene	180000	D	25000	UG/KG	8260	11/04/2008 13:37	RJ
Bromodichloromethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Bromoform	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Bromomethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Carbon Disulfide	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Carbon Tetrachloride	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Chlorobenzene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Chloroethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Chloroform	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Chloromethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
cis-1,2-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
cis-1,3-Dichloropropene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Cyclohexane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Dibromochloromethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Dichlorodifluoromethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Ethylbenzene	360000	D	25000	UG/KG	8260	11/04/2008 13:37	RJ
Isopropylbenzene	23000	DJ	25000	UG/KG	8260	11/04/2008 13:37	RJ
Methyl acetate	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Methyl-t-Butyl Ether (MTBE)	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Methylcyclohexane	41000	D	25000	UG/KG	8260	11/04/2008 13:37	RJ
Methylene chloride	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Styrene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Tetrachloroethene	18000	DJ	25000	UG/KG	8260	11/04/2008 13:37	RJ
Toluene	1400000	D	25000	UG/KG	8260	11/04/2008 13:37	RJ
Total Xylenes	1800000	D	74000	UG/KG	8260	11/04/2008 13:37	RJ
trans-1,2-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
trans-1,3-Dichloropropene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Trichloroethene	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Trichlorofluoromethane	ND		25000	UG/KG	8260	11/04/2008 13:37	RJ
Vinyl chloride	ND		49000	UG/KG	8260	11/04/2008 13:37	RJ

Sample ID: OIL WATER MIX #2
Lab Sample ID: A8D35202
Date Collected: 10/22/2008
Time Collected: 09:54

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,1,2,2-Tetrachloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,1,2-Trichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,1-Dichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,1-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2,4-Trichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2-Dibromo-3-chloropropane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2-Dibromoethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2-Dichloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,2-Dichloropropane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,3-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
1,4-Dichlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
2-Butanone	16000	J	31000	UG/KG	8260	11/03/2008 18:33	RJ
2-Hexanone	ND		31000	UG/KG	8260	11/03/2008 18:33	RJ
4-Methyl-2-pentanone	120000		31000	UG/KG	8260	11/03/2008 18:33	RJ
Acetone	300000		31000	UG/KG	8260	11/03/2008 18:33	RJ
Benzene	180000		6200	UG/KG	8260	11/03/2008 18:33	RJ
Bromodichloromethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Bromoform	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Bromomethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Carbon Disulfide	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Carbon Tetrachloride	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Chlorobenzene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Chloroethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Chloroform	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Chloromethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
cis-1,2-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
cis-1,3-Dichloropropene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Cyclohexane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Dibromochloromethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Dichlorodifluoromethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Ethylbenzene	390000		6200	UG/KG	8260	11/03/2008 18:33	RJ
Isopropylbenzene	33000		6200	UG/KG	8260	11/03/2008 18:33	RJ
Methyl acetate	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Methyl-t-Butyl Ether (MTBE)	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Methylcyclohexane	59000		6200	UG/KG	8260	11/03/2008 18:33	RJ
Methylene chloride	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Styrene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Tetrachloroethene	61000		6200	UG/KG	8260	11/03/2008 18:33	RJ
Toluene	1300000	E	6200	UG/KG	8260	11/03/2008 18:33	RJ
Total Xylenes	1800000		19000	UG/KG	8260	11/03/2008 18:33	RJ
trans-1,2-Dichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
trans-1,3-Dichloropropene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Trichloroethene	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Trichlorofluoromethane	ND		6200	UG/KG	8260	11/03/2008 18:33	RJ
Vinyl chloride	ND		12000	UG/KG	8260	11/03/2008 18:33	RJ

Sample ID: OIL WATER MIX #2
Lab Sample ID: A8D35202
Date Collected: 10/22/2008
Time Collected: 09:54

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,4,5-Trichlorophenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,4,6-Trichlorophenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,4-Dichlorophenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,4-Dimethylphenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,4-Dinitrophenol	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
2,4-Dinitrotoluene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2,6-Dinitrotoluene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2-Chloronaphthalene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2-Chlorophenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2-Methylnaphthalene	1300000		320000	UG/KG	8270	11/06/2008 02:03	MD
2-Methylphenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
2-Nitroaniline	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
2-Nitrophenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
3,3'-Dichlorobenzidine	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
3-Nitroaniline	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
4,6-Dinitro-2-methylphenol	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
4-Bromophenyl phenyl ether	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
4-Chloro-3-methylphenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
4-Chloroaniline	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
4-Chlorophenyl phenyl ether	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
4-Methylphenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
4-Nitroaniline	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
4-Nitrophenol	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
Acenaphthene	42000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Acenaphthylene	19000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Acetophenone	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Anthracene	42000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Atrazine	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzaldehyde	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzo(a)anthracene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzo(a)pyrene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzo(b)fluoranthene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzo(ghi)perylene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Benzo(k)fluoranthene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Biphenyl	110000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Bis(2-chloroethoxy) methane	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Bis(2-chloroethyl) ether	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Bis(2-ethylhexyl) phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Butyl benzyl phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Caprolactam	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Carbazole	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Chrysene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Di-n-butyl phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Di-n-octyl phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Dibenzo(a,h)anthracene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Dibenzofuran	28000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Diethyl phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Dimethyl phthalate	ND		320000	UG/KG	8270	11/06/2008 02:03	MD

Sample ID: OIL WATER MIX #2
Lab Sample ID: A8D35202
Date Collected: 10/22/2008
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Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	40000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Fluorene	110000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Hexachlorobenzene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Hexachlorobutadiene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Hexachlorocyclopentadiene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Hexachloroethane	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Indeno(1,2,3-cd)pyrene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Isophorone	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
N-Nitroso-Di-n-propylamine	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
N-nitrosodiphenylamine	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Naphthalene	1200000		320000	UG/KG	8270	11/06/2008 02:03	MD
Nitrobenzene	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Pentachlorophenol	ND		620000	UG/KG	8270	11/06/2008 02:03	MD
Phenanthrene	170000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
Phenol	ND		320000	UG/KG	8270	11/06/2008 02:03	MD
Pyrene	64000	J	320000	UG/KG	8270	11/06/2008 02:03	MD
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	240000		21000	MG/KG	31013	10/30/2008 12:34	DW
Fuel Oil #4	ND		21000	MG/KG	31013	10/30/2008 12:34	DW
Fuel Oil #6	ND		21000	MG/KG	31013	10/30/2008 12:34	DW
Gasoline	120000		21000	MG/KG	31013	10/30/2008 12:34	DW
Kerosene	130000		21000	MG/KG	31013	10/30/2008 12:34	DW
Motor Oil	1200000		21000	MG/KG	31013	10/30/2008 12:34	DW
Other-1	ND		21000	MG/KG	31013	10/30/2008 12:34	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1221	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1232	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1242	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1248	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1254	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Aroclor 1260	ND		1.9	MG/KG	8082(OIL)	11/04/2008 00:19	GFD
Metals Analysis							
Aluminum - Total	ND		10.2	MG/KG	6010	10/29/2008 22:24	AH
Antimony - Total	ND		15.3	MG/KG	6010	10/29/2008 22:24	AH
Arsenic - Total	ND		2.0	MG/KG	6010	10/29/2008 22:24	AH
Barium - Total	2.8		0.51	MG/KG	6010	10/29/2008 22:24	AH
Beryllium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:24	AH
Cadmium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:24	AH
Calcium - Total	284		50.9	MG/KG	6010	10/29/2008 22:24	AH
Chromium - Total	ND		0.51	MG/KG	6010	10/29/2008 22:24	AH
Cobalt - Total	ND		0.51	MG/KG	6010	10/29/2008 22:24	AH
Copper - Total	2.9		1.0	MG/KG	6010	10/29/2008 22:24	AH
Iron - Total	234		10.2	MG/KG	6010	10/29/2008 22:24	AH
Lead - Total	3.6		1.0	MG/KG	6010	10/29/2008 22:24	AH
Magnesium - Total	37.9		20.4	MG/KG	6010	10/29/2008 22:24	AH

Sample ID: OIL WATER MIX #2
Lab Sample ID: A8D35202
Date Collected: 10/22/2008
Time Collected: 09:54

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	1.4		0.20	MG/KG	6010	10/29/2008 22:24	AH
Mercury - Total	ND		0.020	MG/KG	7471	11/03/2008 17:18	MM
Nickel - Total	ND		0.51	MG/KG	6010	10/29/2008 22:24	AH
Potassium - Total	67.0		30.5	MG/KG	6010	10/29/2008 22:24	AH
Selenium - Total	ND		4.1	MG/KG	6010	10/29/2008 22:24	AH
Silver - Total	ND		0.51	MG/KG	6010	10/29/2008 22:24	AH
Sodium - Total	ND		142	MG/KG	6010	10/29/2008 22:24	AH
Thallium - Total	ND		6.1	MG/KG	6010	10/29/2008 22:24	AH
Vanadium - Total	ND		0.51	MG/KG	6010	10/29/2008 22:24	AH
Zinc - Total	106		2.0	MG/KG	6010	10/29/2008 22:24	AH
Wet Chemistry Analysis							
Flashpoint	96		0	°F	1010	11/06/2008 08:00	RMM
Leachable pH	5.00		0	S.U.	9045	10/28/2008 14:08	ERK

Sample ID: OIL WATER MIX #2
Lab Sample ID: A8D352O2DL
Date Collected: 10/22/2008
Time Collected: 09:54

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,1,2,2-Tetrachloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,1,2-Trichloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,1-Dichloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,1-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2,4-Trichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2-Dibromo-3-chloropropane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2-Dibromoethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2-Dichloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,2-Dichloropropane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,3-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
1,4-Dichlorobenzene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
2-Butanone	ND		120000	UG/KG	8260	11/04/2008 14:05	RJ
2-Hexanone	ND		120000	UG/KG	8260	11/04/2008 14:05	RJ
4-Methyl-2-pentanone	91000	DJ	120000	UG/KG	8260	11/04/2008 14:05	RJ
Acetone	290000	D	120000	UG/KG	8260	11/04/2008 14:05	RJ
Benzene	160000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Bromodichloromethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Bromoform	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Bromomethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Carbon Disulfide	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Carbon Tetrachloride	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Chlorobenzene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Chloroethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Chloroform	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Chloromethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
cis-1,2-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
cis-1,3-Dichloropropene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Cyclohexane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Dibromochloromethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Dichlorodifluoromethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Ethylbenzene	360000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Isopropylbenzene	25000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Methyl acetate	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Methyl-t-Butyl Ether (MTBE)	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Methylcyclohexane	45000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Methylene chloride	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Styrene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Tetrachloroethene	51000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Toluene	1500000	D	25000	UG/KG	8260	11/04/2008 14:05	RJ
Total Xylenes	1800000	D	75000	UG/KG	8260	11/04/2008 14:05	RJ
trans-1,2-Dichloroethene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
trans-1,3-Dichloropropene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Trichloroethene	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Trichlorofluoromethane	ND		25000	UG/KG	8260	11/04/2008 14:05	RJ
Vinyl chloride	ND		50000	UG/KG	8260	11/04/2008 14:05	RJ

Sample ID: OIL WATER MIX #3
Lab Sample ID: A8D35203
Date Collected: 10/22/2008
Time Collected: 09:57

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,1,2,2-Tetrachloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,1,2-Trichloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,1-Dichloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,1-Dichloroethene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2,4-Trichlorobenzene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2-Dibromo-3-chloropropane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2-Dibromoethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2-Dichlorobenzene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2-Dichloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,2-Dichloropropane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,3-Dichlorobenzene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
1,4-Dichlorobenzene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
2-Butanone	ND		30000	UG/KG	8260	11/03/2008 19:01	RJ
2-Hexanone	ND		30000	UG/KG	8260	11/03/2008 19:01	RJ
4-Methyl-2-pentanone	20000	J	30000	UG/KG	8260	11/03/2008 19:01	RJ
Acetone	ND		30000	UG/KG	8260	11/03/2008 19:01	RJ
Benzene	16000		6000	UG/KG	8260	11/03/2008 19:01	RJ
Bromodichloromethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Bromoform	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Bromomethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Carbon Disulfide	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Carbon Tetrachloride	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Chlorobenzene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Chloroethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Chloroform	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Chloromethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
cis-1,2-Dichloroethene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
cis-1,3-Dichloropropene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Cyclohexane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Dibromochloromethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Dichlorodifluoromethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Ethylbenzene	630000	E	6000	UG/KG	8260	11/03/2008 19:01	RJ
Isopropylbenzene	69000		6000	UG/KG	8260	11/03/2008 19:01	RJ
Methyl acetate	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Methyl-t-Butyl Ether (MTBE)	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Methylcyclohexane	41000		6000	UG/KG	8260	11/03/2008 19:01	RJ
Methylene chloride	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Styrene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Tetrachloroethene	36000		6000	UG/KG	8260	11/03/2008 19:01	RJ
Toluene	1200000	E	6000	UG/KG	8260	11/03/2008 19:01	RJ
Total Xylenes	3000000	E	18000	UG/KG	8260	11/03/2008 19:01	RJ
trans-1,2-Dichloroethene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
trans-1,3-Dichloropropene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Trichloroethene	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Trichlorofluoromethane	ND		6000	UG/KG	8260	11/03/2008 19:01	RJ
Vinyl chloride	ND		12000	UG/KG	8260	11/03/2008 19:01	RJ

Sample ID: OIL WATER MIX #3
Lab Sample ID: A8D35203
Date Collected: 10/22/2008
Time Collected: 09:57

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,4,5-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,4,6-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,4-Dichlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,4-Dimethylphenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,4-Dinitrophenol	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
2,4-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2,6-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2-Chloronaphthalene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2-Chlorophenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2-Methylnaphthalene	740000		340000	UG/KG	8270	11/06/2008 02:26	MD
2-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
2-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
2-Nitrophenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
3,3'-Dichlorobenzidine	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
3-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
4,6-Dinitro-2-methylphenol	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
4-Bromophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
4-Chloro-3-methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
4-Chloroaniline	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
4-Chlorophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
4-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
4-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
4-Nitrophenol	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
Acenaphthene	24000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Acenaphthylene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Acetophenone	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Anthracene	20000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Atrazine	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzaldehyde	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzo(a)anthracene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzo(a)pyrene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzo(b)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzo(ghi)perylene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Benzo(k)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Biphenyl	83000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Bis(2-chloroethoxy) methane	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Bis(2-chloroethyl) ether	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Bis(2-ethylhexyl) phthalate	280000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Butyl benzyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Caprolactam	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Carbazole	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Chrysene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Di-n-butyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Di-n-octyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Dibenzo(a,h)anthracene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Dibenzofuran	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Diethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Dimethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 02:26	MD

Sample ID: OIL WATER MIX #3
Lab Sample ID: A8D35203
Date Collected: 10/22/2008
Time Collected: 09:57

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	22000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Fluorene	83000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Hexachlorobenzene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Hexachlorobutadiene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Hexachlorocyclopentadiene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Hexachloroethane	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Indeno(1,2,3-cd)pyrene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Isophorone	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
N-Nitroso-Di-n-propylamine	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
N-nitrosodiphenylamine	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Naphthalene	310000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Nitrobenzene	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Pentachlorophenol	ND		660000	UG/KG	8270	11/06/2008 02:26	MD
Phenanthrene	96000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
Phenol	ND		340000	UG/KG	8270	11/06/2008 02:26	MD
Pyrene	42000	J	340000	UG/KG	8270	11/06/2008 02:26	MD
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	200000		18000	MG/KG	31013	10/30/2008 13:08	DW
Fuel Oil #4	ND		18000	MG/KG	31013	10/30/2008 13:08	DW
Fuel Oil #6	ND		18000	MG/KG	31013	10/30/2008 13:08	DW
Gasoline	29000		18000	MG/KG	31013	10/30/2008 13:08	DW
Kerosene	70000		18000	MG/KG	31013	10/30/2008 13:08	DW
Motor Oil	1500000		18000	MG/KG	31013	10/30/2008 13:08	DW
Other-1	ND		18000	MG/KG	31013	10/30/2008 13:08	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1221	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1232	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1242	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1248	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1254	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Aroclor 1260	ND		2.1	MG/KG	8082(OIL)	11/04/2008 00:33	GFD
Metals Analysis							
Aluminum - Total	12.5		10	MG/KG	6010	10/29/2008 22:29	AH
Antimony - Total	ND		14.9	MG/KG	6010	10/29/2008 22:29	AH
Arsenic - Total	ND		2.0	MG/KG	6010	10/29/2008 22:29	AH
Barium - Total	1.6		0.50	MG/KG	6010	10/29/2008 22:29	AH
Beryllium - Total	ND		0.20	MG/KG	6010	10/29/2008 22:29	AH
Cadmium - Total	0.25		0.20	MG/KG	6010	10/29/2008 22:29	AH
Calcium - Total	642		49.8	MG/KG	6010	10/29/2008 22:29	AH
Chromium - Total	ND		0.50	MG/KG	6010	10/29/2008 22:29	AH
Cobalt - Total	ND		0.50	MG/KG	6010	10/29/2008 22:29	AH
Copper - Total	8.4		1.0	MG/KG	6010	10/29/2008 22:29	AH
Iron - Total	109		10	MG/KG	6010	10/29/2008 22:29	AH
Lead - Total	8.7		1.0	MG/KG	6010	10/29/2008 22:29	AH
Magnesium - Total	31.8		19.9	MG/KG	6010	10/29/2008 22:29	AH

Sample ID: OIL WATER MIX #3
Lab Sample ID: A8D35203
Date Collected: 10/22/2008
Time Collected: 09:57

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	0.90		0.20	MG/KG	6010	10/29/2008 22:29	AH
Mercury - Total	ND		0.020	MG/KG	7471	11/03/2008 17:23	MM
Nickel - Total	ND		0.50	MG/KG	6010	10/29/2008 22:29	AH
Potassium - Total	ND		29.9	MG/KG	6010	10/29/2008 22:29	AH
Selenium - Total	ND		4.0	MG/KG	6010	10/29/2008 22:29	AH
Silver - Total	ND		0.50	MG/KG	6010	10/29/2008 22:29	AH
Sodium - Total	ND		139	MG/KG	6010	10/29/2008 22:29	AH
Thallium - Total	ND		6.0	MG/KG	6010	10/29/2008 22:29	AH
Vanadium - Total	ND		0.50	MG/KG	6010	10/29/2008 22:29	AH
Zinc - Total	276		2.0	MG/KG	6010	10/29/2008 22:29	AH
Wet Chemistry Analysis							
Flashpoint	>176		0	°F	1010	11/06/2008 08:00	RMM
Leachable pH	6.00		0	S.U.	9045	10/28/2008 14:08	ERK

Sample ID: OIL WATER MIX #3
Lab Sample ID: A8D35203DL
Date Collected: 10/22/2008
Time Collected: 09:57

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,1,2,2-Tetrachloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,1,2-Trichloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,1-Dichloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,1-Dichloroethene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2,4-Trichlorobenzene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2-Dibromo-3-chloropropane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2-Dibromoethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2-Dichlorobenzene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2-Dichloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,2-Dichloropropane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,3-Dichlorobenzene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
1,4-Dichlorobenzene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
2-Butanone	ND		120000	UG/KG	8260	11/04/2008 14:34	RJ
2-Hexanone	ND		120000	UG/KG	8260	11/04/2008 14:34	RJ
4-Methyl-2-pentanone	ND		120000	UG/KG	8260	11/04/2008 14:34	RJ
Acetone	ND		120000	UG/KG	8260	11/04/2008 14:34	RJ
Benzene	13000	DJ	24000	UG/KG	8260	11/04/2008 14:34	RJ
Bromodichloromethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Bromoform	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Bromomethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Carbon Disulfide	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Carbon Tetrachloride	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Chlorobenzene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Chloroethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Chloroform	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Chloromethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
cis-1,2-Dichloroethene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
cis-1,3-Dichloropropene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Cyclohexane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Dibromochloromethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Dichlorodifluoromethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Ethylbenzene	570000	D	24000	UG/KG	8260	11/04/2008 14:34	RJ
Isopropylbenzene	52000	D	24000	UG/KG	8260	11/04/2008 14:34	RJ
Methyl acetate	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Methyl-t-Butyl Ether (MTBE)	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Methylcyclohexane	28000	D	24000	UG/KG	8260	11/04/2008 14:34	RJ
Methylene chloride	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Styrene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Tetrachloroethene	28000	D	24000	UG/KG	8260	11/04/2008 14:34	RJ
Toluene	1100000	D	24000	UG/KG	8260	11/04/2008 14:34	RJ
Total Xylenes	3000000	D	73000	UG/KG	8260	11/04/2008 14:34	RJ
trans-1,2-Dichloroethene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
trans-1,3-Dichloropropene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Trichloroethene	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Trichlorofluoromethane	ND		24000	UG/KG	8260	11/04/2008 14:34	RJ
Vinyl chloride	ND		48000	UG/KG	8260	11/04/2008 14:34	RJ

Sample ID: SOLVENT
Lab Sample ID: A8D35205
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,1,2,2-Tetrachloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,1,2-Trichloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,1-Dichloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,1-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2,4-Trichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2-Dibromo-3-chloropropane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2-Dibromoethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2-Dichloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,2-Dichloropropane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,3-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
1,4-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
2-Butanone	ND		610	UG/KG	8260	11/04/2008 15:02	RJ
2-Hexanone	ND		610	UG/KG	8260	11/04/2008 15:02	RJ
4-Methyl-2-pentanone	ND		610	UG/KG	8260	11/04/2008 15:02	RJ
Acetone	540	J	610	UG/KG	8260	11/04/2008 15:02	RJ
Benzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Bromodichloromethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Bromoform	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Bromomethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Carbon Disulfide	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Carbon Tetrachloride	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Chlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Chloroethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Chloroform	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Chloromethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
cis-1,2-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
cis-1,3-Dichloropropene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Cyclohexane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Dibromochloromethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Dichlorodifluoromethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Ethylbenzene	120		120	UG/KG	8260	11/04/2008 15:02	RJ
Isopropylbenzene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Methyl acetate	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Methyl-t-Butyl Ether (MTBE)	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Methylcyclohexane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Methylene chloride	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Styrene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Tetrachloroethene	200		120	UG/KG	8260	11/04/2008 15:02	RJ
Toluene	170		120	UG/KG	8260	11/04/2008 15:02	RJ
Total Xylenes	720		360	UG/KG	8260	11/04/2008 15:02	RJ
trans-1,2-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
trans-1,3-Dichloropropene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Trichloroethene	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Trichlorofluoromethane	ND		120	UG/KG	8260	11/04/2008 15:02	RJ
Vinyl chloride	ND		240	UG/KG	8260	11/04/2008 15:02	RJ

Sample ID: SOLVENT
Lab Sample ID: A8D35205
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,4,5-Trichlorophenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,4,6-Trichlorophenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,4-Dichlorophenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,4-Dimethylphenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,4-Dinitrophenol	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
2,4-Dinitrotoluene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2,6-Dinitrotoluene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2-Chloronaphthalene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2-Chlorophenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2-Methylnaphthalene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2-Methylphenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
2-Nitroaniline	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
2-Nitrophenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
3,3'-Dichlorobenzidine	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
3-Nitroaniline	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
4,6-Dinitro-2-methylphenol	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
4-Bromophenyl phenyl ether	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
4-Chloro-3-methylphenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
4-Chloroaniline	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
4-Chlorophenyl phenyl ether	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
4-Methylphenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
4-Nitroaniline	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
4-Nitrophenol	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
Acenaphthene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Acenaphthylene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Acetophenone	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Anthracene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Atrazine	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzaldehyde	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzo(a)anthracene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzo(a)pyrene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzo(b)fluoranthene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzo(ghi)perylene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Benzo(k)fluoranthene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Biphenyl	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Bis(2-chloroethoxy) methane	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Bis(2-chloroethyl) ether	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Bis(2-ethylhexyl) phthalate	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Butyl benzyl phthalate	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Caprolactam	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Carbazole	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Chrysene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Di-n-butyl phthalate	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Di-n-octyl phthalate	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Dibenzo(a,h)anthracene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Dibenzofuran	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Diethyl phthalate	2800	J	32000	UG/KG	8270	11/06/2008 03:13	MD
Dimethyl phthalate	ND		32000	UG/KG	8270	11/06/2008 03:13	MD

Sample ID: SOLVENT
Lab Sample ID: A8D35205
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Fluorene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Hexachlorobenzene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Hexachlorobutadiene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Hexachlorocyclopentadiene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Hexachloroethane	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Indeno(1,2,3-cd)pyrene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Isophorone	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
N-Nitroso-Di-n-propylamine	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
N-nitrosodiphenylamine	6800	J	32000	UG/KG	8270	11/06/2008 03:13	MD
Naphthalene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Nitrobenzene	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Pentachlorophenol	ND		62000	UG/KG	8270	11/06/2008 03:13	MD
Phenanthrene	4700	J	32000	UG/KG	8270	11/06/2008 03:13	MD
Phenol	ND		32000	UG/KG	8270	11/06/2008 03:13	MD
Pyrene	1500	J	32000	UG/KG	8270	11/06/2008 03:13	MD
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
Fuel Oil #4	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
Fuel Oil #6	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
Gasoline	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
Kerosene	210000		38000	MG/KG	31013	11/03/2008 13:17	DW
Motor Oil	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
Other-1	ND		38000	MG/KG	31013	11/03/2008 13:17	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1221	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1232	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1242	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1248	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1254	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Aroclor 1260	ND		17	MG/KG	8082(OIL)	11/04/2008 01:01	GFD
Metals Analysis							
Aluminum - Total	ND		9.5	MG/KG	6010	10/29/2008 22:39	AH
Antimony - Total	ND		14.2	MG/KG	6010	10/29/2008 22:39	AH
Arsenic - Total	ND		1.9	MG/KG	6010	10/29/2008 22:39	AH
Barium - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Beryllium - Total	ND		0.19	MG/KG	6010	10/29/2008 22:39	AH
Cadmium - Total	ND		0.19	MG/KG	6010	10/29/2008 22:39	AH
Calcium - Total	ND		47.3	MG/KG	6010	10/29/2008 22:39	AH
Chromium - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Cobalt - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Copper - Total	2.6		0.95	MG/KG	6010	10/29/2008 22:39	AH
Iron - Total	ND		9.5	MG/KG	6010	10/29/2008 22:39	AH
Lead - Total	1.0		0.95	MG/KG	6010	10/29/2008 22:39	AH
Magnesium - Total	ND		18.9	MG/KG	6010	10/29/2008 22:39	AH

Sample ID: SOLVENT
Lab Sample ID: A8D35205
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	ND		0.19	MG/KG	6010	10/29/2008 22:39	AH
Mercury - Total	ND		0.019	MG/KG	7471	11/03/2008 17:26	MM
Nickel - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Potassium - Total	1630		28.4	MG/KG	6010	10/29/2008 22:39	AH
Selenium - Total	ND		3.8	MG/KG	6010	10/29/2008 22:39	AH
Silver - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Sodium - Total	2740		132	MG/KG	6010	10/29/2008 22:39	AH
Thallium - Total	ND		5.7	MG/KG	6010	10/29/2008 22:39	AH
Vanadium - Total	ND		0.47	MG/KG	6010	10/29/2008 22:39	AH
Zinc - Total	3.5		1.9	MG/KG	6010	10/29/2008 22:39	AH
Wet Chemistry Analysis							
Flashpoint	121		0	°F	1010	11/06/2008 08:00	RMM
Leachable pH	9.00		0	S.U.	9045	10/28/2008 14:08	ERK

Sample ID: SOLVENT RI
Lab Sample ID: A8D352O5RI
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2,4,5-Trichlorophenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2,4,6-Trichlorophenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2,4-Dichlorophenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2,4-Dimethylphenol	480000		160000	UG/KG	8270	11/13/2008 23:42	MD
2,4-Dinitrophenol	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
2,4-Dinitrotoluene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2,6-Dinitrotoluene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2-Chloronaphthalene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2-Chlorophenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2-Methylnaphthalene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2-Methylphenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
2-Nitroaniline	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
2-Nitrophenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
3,3'-Dichlorobenzidine	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
3-Nitroaniline	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
4,6-Dinitro-2-methylphenol	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
4-Bromophenyl phenyl ether	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
4-Chloro-3-methylphenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
4-Chloroaniline	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
4-Chlorophenyl phenyl ether	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
4-Methylphenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
4-Nitroaniline	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
4-Nitrophenol	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
Acenaphthene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Acenaphthylene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Acetophenone	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Anthracene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Atrazine	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzaldehyde	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzo(a)anthracene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzo(a)pyrene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzo(b)fluoranthene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzo(ghi)perylene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Benzo(k)fluoranthene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Biphenyl	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Bis(2-chloroethoxy) methane	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Bis(2-chloroethyl) ether	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Bis(2-ethylhexyl) phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Butyl benzyl phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Caprolactam	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Carbazole	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Chrysene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Di-n-butyl phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Di-n-octyl phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Dibenzo(a,h)anthracene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Dibenzofuran	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Diethyl phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Dimethyl phthalate	ND		160000	UG/KG	8270	11/13/2008 23:42	MD

Sample ID: SOLVENT RI
Lab Sample ID: A8D35205RI
Date Collected: 10/22/2008
Time Collected: 10:27

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Fluorene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Hexachlorobenzene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Hexachlorobutadiene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Hexachlorocyclopentadiene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Hexachloroethane	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Indeno(1,2,3-cd)pyrene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Isophorone	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
N-Nitroso-Di-n-propylamine	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
N-nitrosodiphenylamine	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Naphthalene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Nitrobenzene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Pentachlorophenol	ND		310000	UG/KG	8270	11/13/2008 23:42	MD
Phenanthrene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Phenol	ND		160000	UG/KG	8270	11/13/2008 23:42	MD
Pyrene	ND		160000	UG/KG	8270	11/13/2008 23:42	MD

Sample ID: UNOPER (8&13)
Lab Sample ID: A8D35206
Date Collected: 10/22/2008
Time Collected: 10:42

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC - SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,1,2,2-Tetrachloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,1,2-Trichloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,1-Dichloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,1-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2,4-Trichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2-Dibromo-3-chloropropane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2-Dibromoethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2-Dichloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,2-Dichloropropane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,3-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
1,4-Dichlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
2-Butanone	ND		600	UG/KG	8260	11/04/2008 15:31	RJ
2-Hexanone	ND		600	UG/KG	8260	11/04/2008 15:31	RJ
4-Methyl-2-pentanone	ND		600	UG/KG	8260	11/04/2008 15:31	RJ
Acetone	ND		600	UG/KG	8260	11/04/2008 15:31	RJ
Benzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Bromodichloromethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Bromoform	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Bromomethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Carbon Disulfide	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Carbon Tetrachloride	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Chlorobenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Chloroethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Chloroform	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Chloromethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
cis-1,2-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
cis-1,3-Dichloropropene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Cyclohexane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Dibromochloromethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Dichlorodifluoromethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Ethylbenzene	78	J	120	UG/KG	8260	11/04/2008 15:31	RJ
Isopropylbenzene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Methyl acetate	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Methyl-t-Butyl Ether (MTBE)	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Methylcyclohexane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Methylene chloride	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Styrene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Tetrachloroethene	330		120	UG/KG	8260	11/04/2008 15:31	RJ
Toluene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Total Xylenes	770		360	UG/KG	8260	11/04/2008 15:31	RJ
trans-1,2-Dichloroethene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
trans-1,3-Dichloropropene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Trichloroethene	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Trichlorofluoromethane	ND		120	UG/KG	8260	11/04/2008 15:31	RJ
Vinyl chloride	ND		240	UG/KG	8260	11/04/2008 15:31	RJ

Sample ID: UNOPER (8&13)
Lab Sample ID: A8D35206
Date Collected: 10/22/2008
Time Collected: 10:42

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
2,2'-Oxybis(1-Chloropropane)	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,4,5-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,4,6-Trichlorophenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,4-Dichlorophenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,4-Dimethylphenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,4-Dinitrophenol	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
2,4-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2,6-Dinitrotoluene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2-Chloronaphthalene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2-Chlorophenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2-Methylnaphthalene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
2-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
2-Nitrophenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
3,3'-Dichlorobenzidine	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
3-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
4,6-Dinitro-2-methylphenol	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
4-Bromophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
4-Chloro-3-methylphenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
4-Chloroaniline	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
4-Chlorophenyl phenyl ether	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
4-Methylphenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
4-Nitroaniline	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
4-Nitrophenol	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
Acenaphthene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Acenaphthylene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Acetophenone	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Anthracene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Atrazine	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Benzaldehyde	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Benzo(a)anthracene	17000	J	340000	UG/KG	8270	11/06/2008 03:36	MD
Benzo(a)pyrene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Benzo(b)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Benzo(ghi)perylene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Benzo(k)fluoranthene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Biphenyl	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Bis(2-chloroethoxy) methane	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Bis(2-chloroethyl) ether	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Bis(2-ethylhexyl) phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Butyl benzyl phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Caprolactam	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Carbazole	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Chrysene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Di-n-butyl phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Di-n-octyl phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Dibenzo(a,h)anthracene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Dibenzofuran	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Diethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Dimethyl phthalate	ND		340000	UG/KG	8270	11/06/2008 03:36	MD

Sample ID: UNOPER (8&13)
Lab Sample ID: A8D35206
Date Collected: 10/22/2008
Time Collected: 10:42

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
NYSDEC -S-SW8463 8270 - TCL SVOA ORGANICS							
Fluoranthene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Fluorene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Hexachlorobenzene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Hexachlorobutadiene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Hexachlorocyclopentadiene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Hexachloroethane	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Indeno(1,2,3-cd)pyrene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Isophorone	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
N-Nitroso-Di-n-propylamine	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
N-nitrosodiphenylamine	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Naphthalene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Nitrobenzene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Pentachlorophenol	ND		660000	UG/KG	8270	11/06/2008 03:36	MD
Phenanthrene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Phenol	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
Pyrene	ND		340000	UG/KG	8270	11/06/2008 03:36	MD
REG.9 - SOIL-NYSDOH 310.13 - PETROLEUM PRODUC							
Fuel Oil #2	76000		60000	MG/KG	31013	10/30/2008 13:42	DW
Fuel Oil #4	ND		60000	MG/KG	31013	10/30/2008 13:42	DW
Fuel Oil #6	ND		60000	MG/KG	31013	10/30/2008 13:42	DW
Gasoline	ND		60000	MG/KG	31013	10/30/2008 13:42	DW
Kerosene	ND		60000	MG/KG	31013	10/30/2008 13:42	DW
Motor Oil	450000		60000	MG/KG	31013	10/30/2008 13:42	DW
Other-1	ND		60000	MG/KG	31013	10/30/2008 13:42	DW
NYSDEC - 8082 - POLYCHLORINATED BIPHENYLS IN							
Aroclor 1016	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1221	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1232	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1242	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1248	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1254	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Aroclor 1260	ND		1.5	MG/KG	8082(OIL)	11/04/2008 01:16	GFD
Metals Analysis							
Aluminum - Total	ND		10.6	MG/KG	6010	10/29/2008 22:44	AH
Antimony - Total	ND		16.0	MG/KG	6010	10/29/2008 22:44	AH
Arsenic - Total	ND		2.1	MG/KG	6010	10/29/2008 22:44	AH
Barium - Total	5.4		0.53	MG/KG	6010	10/29/2008 22:44	AH
Beryllium - Total	ND		0.21	MG/KG	6010	10/29/2008 22:44	AH
Cadmium - Total	0.26		0.21	MG/KG	6010	10/29/2008 22:44	AH
Calcium - Total	201		53.2	MG/KG	6010	10/29/2008 22:44	AH
Chromium - Total	2.5		0.53	MG/KG	6010	10/29/2008 22:44	AH
Cobalt - Total	ND		0.53	MG/KG	6010	10/29/2008 22:44	AH
Copper - Total	16.7		1.1	MG/KG	6010	10/29/2008 22:44	AH
Iron - Total	306		10.6	MG/KG	6010	10/29/2008 22:44	AH
Lead - Total	25.7		1.1	MG/KG	6010	10/29/2008 22:44	AH
Magnesium - Total	ND		21.3	MG/KG	6010	10/29/2008 22:44	AH

Sample ID: UNOPER (8&13)
Lab Sample ID: A8D35206
Date Collected: 10/22/2008
Time Collected: 10:42

Date Received: 10/23/2008
Project No: NY5A946109
Client No: L10190
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Manganese - Total	2.6		0.21	MG/KG	6010	10/29/2008 22:44	AH
Mercury - Total	ND		0.019	MG/KG	7471	11/03/2008 17:27	MM
Nickel - Total	1.4		0.53	MG/KG	6010	10/29/2008 22:44	AH
Potassium - Total	ND		31.9	MG/KG	6010	10/29/2008 22:44	AH
Selenium - Total	ND		4.2	MG/KG	6010	10/29/2008 22:44	AH
Silver - Total	ND		0.53	MG/KG	6010	10/29/2008 22:44	AH
Sodium - Total	ND		149	MG/KG	6010	10/29/2008 22:44	AH
Thallium - Total	ND		6.4	MG/KG	6010	10/29/2008 22:44	AH
Vanadium - Total	ND		0.53	MG/KG	6010	10/29/2008 22:44	AH
Zinc - Total	138		2.1	MG/KG	6010	10/29/2008 22:44	AH
Wet Chemistry Analysis							
Flashpoint	>176		0	°F	1010	11/06/2008 08:00	RMM
Leachable pH	6.00		0	S.U.	9045	10/28/2008 14:08	ERK

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC-Region 9; SJB Services, Inc	Chad Staniszewski - NYSDEC, Dave Steiner - SJB	10.22.08	112133
Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact	
Project Name and Location (State) Penn Empire Transportation, Celeron, New York	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Cool	Analysis: 4 ounce clear (2)	Special Instructions/ Conditions of Receipt
Oil Water Mix #1	10.22.08	0950		X									X	X	All Samples
Oil Water Mix #2		0954		X									X	X	To Be Analyzed For:
Oil Water Mix #3		0957		X									X	X	TCL VOCs, TCL SVOCs
Oil Mix Solvent		0940		X									X	X	TAL Metals, PCBs,
Solvent		1027		X									X	X	~~Pest/Herbs~~*, pH,
Water		1036		X									X	X	Flashpoint,
Unopa (8 & 13)	10.22.08	1042		X									X	X	TPH (310.13)
															*NO PEST/HERB PER D. STEINER BJH 10/24
															Samples Collected From Drums

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

Sample Disposal
☐ 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 NYSDEC Std 10 Dy

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	~~10-8~~ SJB 10.22.08		1. Received By	10-23-08	11:30
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

4.8°C

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

40/40

ATTACHMENT E

Analytical Summary Tables

TABLE 1
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

		6 NYCRR PART 375		LOCATIONS				
Analyte	**Units**	**Unrestricted Use SCOs**	**Commercial RUSCOs**	**TP-5 @ 11'**	**TP-11 @ 5'**	**TP-12 @ 4'**	**TP-19 @ 3.5'**	**B-16**
2-Butanone	ug/kg	120	500,000	13 (J)	ND	ND	ND	10 (J)
Acetone	ug/kg	50	500,000	**60**	20 (J)	ND	5 (J)	**67 (B)**
Methylene Chloride	ug/kg	50	500,000	4 (J)	19	2 (J)	6	14 (B)

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
NE- Not established.
(J)- Estimated value.
(B)- Analyte found in associated blank.
ND- Analyte analyzed for, but not detected in sample.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commercial usage.

TABLE 2
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

		6 NYCRR PART 375		LOCATIONS						
Analyte	**Units**	**Unrestricted Use**	**Commerical RUSCOs**	**TP-5 @ 11'**	**TP-11 @ 5'**	**TP-8 @ 2'**	**TP-19 @ 3.5'**	**B-16**	**SS-1 (TP-5)**	**SS-4 (TP-12)**
Anthracene	ug/kg	100,000	500,000	ND	380 (J)	ND	ND	49 (J)	ND	ND
Benzo(a)anthracene	ug/kg	1,000	5,600	550 (J)	**1,500 (J)**	ND	ND	220 (J)	ND	360 (J)
Benzo(a)pyrene	ug/kg	1,000	1,000	320 (J)	**1,600 (J)**	ND	ND	180 (J)	ND	260 (J)
Benzo(b)fluoranthene	ug/kg	1,000	5,600	380 (J)	**1,800 (J)**	ND	ND	210 (J)	ND	240 (J)
Benzo(ghi)perylene	ug/kg	100,000	500,000	ND	1,200 (J)	ND	ND	120 (J)	ND	ND
Benzo(k)fluoranthene	ug/kg	800	56,000	190 (J)	770 (J)	ND	ND	110 (J)	ND	190 (J)
Chrysene	ug/kg	1,000	56,000	350 (J)	**1,400 (J)**	ND	ND	190 (J)	ND	230 (J)
Fluoranthene	ug/kg	100,000	500,000	1,000 (J)	2,600 (J)	ND	ND	520 (J)	ND	ND
Indeno(1,2,3-cd)pyrene	ug/kg	500	5,600	ND	**1,000 (J)**	ND	ND	98 (J)	ND	ND
Phenanthrene	ug/kg	100,000	500,000	890 (J)	2,000 (J)	ND	ND	330 (J)	ND	ND
Pyrene	ug/kg	100,000	500,000	790 (J)	2,000 (J)	ND	ND	360 (J)	ND	280 (J)

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
(J)- Estimated value.
ND- Analyte analyzed for, but not detected in sample.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3A
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS			
		Unrestricted Use	Commerical RUSCOs	TP-5 @ 11'	TP-8 @ 2'	TP-11 @ 5'	B-16
Aluminum - Total	mg/kg	NE	NE	12,100	11,700	8,340	11,200
Arsenic - Total	mg/kg	13	16	10	8.7	**14.2**	8.0
Barium - Total	mg/kg	350	400	288	68.4	129	192
Beryllium - Total	mg/kg	7.2	590	0.81	0.38	0.37	0.47
Cadmium - Total	mg/kg	2.5	9.3	0.58	0.26	1.0	0.4
Calcium - Total	mg/kg	NE	NE	8,570	2,370	6,430	3,120
Chromium - Total	mg/kg	30*	1,500*	16.7	11.4	14.2	13.5
Cobalt - Total	mg/kg	NE	NE	8.0	7.0	6.4	5.7
Copper - Total	mg/kg	50	270	36.0	16.8	42.2	17.4
Iron - Total	mg/kg	NE	NE	21,200	18,500	25,200	18,900
Lead - Total	mg/kg	63	1,000	45.0	15.6	**293**	46.0
Magnesium - Total	mg/kg	NE	NE	2,830	2,620	2,420	2,100
Manganese - Total	mg/kg	1,600	10,000	931	493	622	836
Mercury - Total	mg/kg	0.18	2.8	0.085	0.037	0.086	0.12
Nickel - Total	mg/kg	30	310	17.4	14.6	14.5	12.7
Potassium - Total	mg/kg	NE	NE	1,310	714	958	598
Vanadium - Total	mg/kg	NE	NE	21.2	17.3	12.8	19.9
Zinc - Total	mg/kg	109	10,000	98.8	56.7	**243**	77.9

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375,
Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3B
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS				
		Unrestricted Use	Commerical RUSCOs	SS-1 (TP-5)	SS-4 (TP-12)	SS-2	SS-3	SS-4
Aluminum - Total	mg/kg	NE	NE	8,730	7,780	ANP	ANP	ANP
Arsenic - Total	mg/kg	13	16	8.9	9.0	ANP	ANP	**13.0**
Barium - Total	mg/kg	350	400	90.4	65.6	ANP	ANP	50.2
Beryllium - Total	mg/kg	7.2	590	0.34	0.34	ANP	ANP	ANP
Cadmium - Total	mg/kg	2.5	9.3	0.40	0.34	ANP	ANP	ND
Calcium - Total	mg/kg	NE	NE	4,900	11,200	ANP	ANP	ANP
Chromium - Total	mg/kg	30*	1,500*	10.4	9.4	ANP	ANP	12.7
Cobalt - Total	mg/kg	NE	NE	5.9	6.6	ANP	ANP	ANP
Copper - Total	mg/kg	50	270	19.6	20.8	ANP	ANP	ANP
Iron - Total	mg/kg	NE	NE	16,700	17,100	ANP	ANP	ANP
Lead - Total	mg/kg	63	1,000	29.5	24.8	**3140**	**9,260**	55.1
Magnesium - Total	mg/kg	NE	NE	2,620	5,870	ANP	ANP	ANP
Manganese - Total	mg/kg	1,600	10,000	571	487	ANP	ANP	ANP
Mercury - Total	mg/kg	0.18	2.8	**0.20**	ND	ANP	ANP	0.12
Nickel - Total	mg/kg	30	310	14.0	15.3	ANP	ANP	ANP
Potassium - Total	mg/kg	NE	NE	542	707	ANP	ANP	ANP
Silver - Total	mg/kg	2	1,500	ND	ND	ANP	ANP	ND
Vanadium - Total	mg/kg	NE	NE	13.9	11.1	ANP	ANP	ANP
Zinc - Total	mg/kg	109	10,000	75.6	59.5	ANP	ANP	ANP

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 3B
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units	6 NYCRR PART 375		LOCATIONS					
		Unrestricted Use	Commerical RUSCOs	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10
Aluminum - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Arsenic - Total	mg/kg	13	16	**17.0**	**13.1**	9.8	9.4	ANP	ANP
Barium - Total	mg/kg	350	400	**547**	152	184	107	ANP	ANP
Beryllium - Total	mg/kg	7.2	590	ANP	ANP	ANP	ANP	ANP	ANP
Cadmium - Total	mg/kg	2.5	9.3	**7.3**	0.33	0.34	0.37	ANP	ANP
Calcium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Chromium - Total	mg/kg	30*	1,500*	27.7	13.4	11.0	10.1	ANP	ANP
Cobalt - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Copper - Total	mg/kg	50	270	ANP	ANP	ANP	ANP	ANP	ANP
Iron - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Lead - Total	mg/kg	63	1,000	**2,230**	**939**	**707**	**105**	**3,100**	**770**
Magnesium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Manganese - Total	mg/kg	1,600	10,000	ANP	ANP	ANP	ANP	ANP	ANP
Mercury - Total	mg/kg	0.18	2.8	**1.5**	0.10	0.085	0.13	ANP	ANP
Nickel - Total	mg/kg	30	310	ANP	ANP	ANP	ANP	ANP	ANP
Potassium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Silver - Total	mg/kg	2	1,500	1.4	ND	ND	ND	ANP	ANP
Vanadium - Total	mg/kg	NE	NE	ANP	ANP	ANP	ANP	ANP	ANP
Zinc - Total	mg/kg	109	10,000	ANP	ANP	ANP	ANP	ANP	ANP

Notes:
SCOs/RUSCOs - Unrestricted/Restricted Use Soil Cleanup Objectives per NYSDEC, 6 NYCRR Part 375, Environmental Remediation Programs, Effective December 14, 2006.
*- Cleanup objective not established for chromium, total. Therefore, chromium, trivalent cleanup objective referenced.
ND- Analyte analyzed for, but not detected in sample.
ANP- Analysis not performed.
NE- Not established.
Blue bold concentration equals or exceeds Unrestricted Use Soil Cleanup Objectives.
Red bold concentration equals or exceeds Restricted Use Soil Cleanup Objectives for commerical usage.

TABLE 4
PENN EMPIRE TRANSPORTATION - NYSDEC SITE NUMBER 907034
SUMMARY OF METAL/INORGANIC COMPOUNDS DETECTED IN SOIL SAMPLES

Analyte	Units		LOCATIONS	
		Groundwater Quality Standards	MW-2	MW-4
Aluminum	mg/l	0.1*	**3.40**	**5.85**
Arsenic	mg/l	0.25	ND	0.00796 (J)
Barium	mg/l	1	0.545	0.386
Calcium	mg/l	NS	134	161
Chromium	mg/l	0.5	0.00381 (J)	0.00716
Cobalt	mg/l	NS	0.00189 (J)	0,00512
Copper	mg/l	0.2	0.0331	0.0268
Iron	mg/l	0.3	4.13 (B1)	8.92 (B1)
Lead	mg/l	0.25	0.00501	0.00882
Magnesium	mg/l	NS	22.1	33.7
Manganese	mg/l	0.3	0.186	0.370
Nickel	mg/l	0.1	0.00558 (J)	0.00930 (J)
Potassium	mg/l	NS	2.77	6.14
Sodium	mg/l	20	**42.0**	**70.3**
Vanadium	mg/l	NS	0.00536	0.00848
Zinc	mg/l	NS	0.0753	0.0562

Notes:
Groundwater quality standards presented in New York State Department of Environmental Conservation Part 703 Regulations: Surface Water and Groundwater Effluent Limitations.
*- Ionic aluminum groundwater quality standard.
ND- Analyte analyzed for, but not detected in sample.
NS- No standard provided.
J- Concentrations are estimated.
B1- Analyte was detected in associated laboratory method blank.
Bold concentration equals or exceeds groundwater quality standards.

ATTACHMENT F

Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD986914257	1	716 851-7220	005191683 JJK

5. Generator's Name and Mailing Address Att: DAVE STEINER
Penn Empire Transport Inc. (NYSDEC - REGION 9)
5167 SOUTH PARK AVE.
HAMBURG NY 14075
Generator's Phone: 716 649-8110

Generator's Site Address (if different than mailing address)
Penn Empire Transport Inc. (NYSDEC - REGION 9)
LIVINGSTON STREET
CELORON NY 14720

6. Transporter 1 Company Name: TONAWANDA TANK TRANSPORT — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT MI 48214
Facility's Phone: 313 824-5840
U.S. EPA ID Number: MID980615298

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (Fuel Oil, Benzene)	005	DM	1000	P	D018 D039 B
X	2. RQ UN1993, WASTE Flammable liquids, n.o.s. (Benzene, Methyl Ethyl Ketone, Trichloroethylene) 3, PGII	007	DM	1400	P	D001 D018 D035 D039 B
X	3. RQ NA3082, Hazardous waste, liquid, n.o.s 9, PGIII (Benzene, Lead, Trichloroethylene)	006	DM	1200	P	D008 D018 D039 B
X	4. RQ NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (Benzene, Lead, Trichloroethylene)	003	DM	650	P	D008 T

14. Special Handling Instructions and Additional Information
1) 402088-00 ERG#171 2) 402087-00 ERG#128 3) 402089-00 ERG#171 4)402090-00 ERG#171
A (4 are OP) B (1 is OP) C (2 are OP) D (1 is OP)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CLARK R MAXWELL | Signature: [illegible] | Month 2 Day 19 Year 09
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month Day Year

GENERATOR · INT'L · TRANSPORTER · DESIGNATED FACILITY

73263!

(Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD986914257	1	716 851-7220	005191683 JJK

5. Generator's Name and Mailing Address: Empire Transport Inc. (NYSDEC - REGION 9), Attn: DAVE STEINER, 7 SOUTH PARK AVE., LOCKPORT NY 14075
Generator's Phone: 716 649-8110

Generator's Site Address (if different than mailing address): Penn Empire Transport Inc (NYSDEC - REGION 9), LIVINGSTON STREET, CELORON NY 14720

6. Transporter 1 Company Name: TONAWANDA TANK TRANSPORT — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name: Nortra, LLC — U.S. EPA ID Number: MID 021057275

8. Designated Facility Name and Site Address: PETRO-CHEM PROCESSING GROUP, 421 LYCASTE, DETROIT MI 48214 — U.S. EPA ID Number: MID980615298
Facility's Phone: 313 824-5840

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (Fuel Oil, Benzene)	005	DM	1000	P	D018	D039	B
X	2. RQ UN1993, WASTE Flammable liquids, n.o.s. (Benzene, Methyl Ethyl Ketone, Trichloroethylene) 3, PGII	007	DM	1400	P	D001	D018	D035
						D039	B	
X	3. RQ NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (Benzene, Lead, Trichloroethylene)	006	DM	1200	P	D008	D018	D039
						B		
X	4. RQ NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (Benzene, Lead, Trichloroethylene)	003	DM	650	P	D008	T	

14. Special Handling Instructions and Additional Information
1) 402088-00 ERG#171 2) 402087-00 ERG#128 3) 402089-00 ERG#171 4)402090-00 ERG#171
A (4 are of) B (1 is of) C (2 are of) D (1 is of)
16021

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Stephen J Turbark (Agent for NYSDEC Region 9) — Signature: [signature] — Month: 2 Day: 19 Year: 09

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CLARK R. MAXWELL — Signature: [signature] — Month: 2 Day: 19 Year: 09

Transporter 2 Printed/Typed Name: C. Clark — Signature: C. Clark — Month: 02 Day: 24 Year: 09

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H040 2. H061 3. H141 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month: 2 Day: 19 Year: 09

Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD986914257
2. Page 1 of: 1
3. Emergency Response Phone: 716 854-7220
4. Manifest Tracking Number: 005191684 JJK

5. Generator's Name and Mailing Address
Penn Empire Transport Inc. (NYSDEC - REGION 9) Att DAVE STEINER
5167 SOUTH PARK AVE.
HAMBURG NY 14075
Generator's Phone: 716 649-8110

Generator's Site Address (if different than mailing address)
Penn Empire Transport Inc. (NYSDEC - REGION 9)
LIVINGSTON STREET
CELORON NY 14720

6. Transporter 1 Company Name: TONAWANDA TANK TRANSPORT
U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT MI 48214
Facility's Phone: 313 824-5840
U.S. EPA ID Number: MID980615298

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN1993, WASTE Flammable liquids, n.o.s. (Kerosene) 3, PGII	003	DM	700	P	D001	B	
X	2. RQ UN1993, WASTE Flammable liquids, n.o.s. 3, PGII (Benzene)	006	DM	1200	P	D001 B	D008	D039
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1)402091-00 ERG#128 2)402092-00 ERG#128
E F
(1 is OP)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CLARK P. MAXWELL | Signature | Month: 2 | Day: 1 | Year: 05

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

...rm designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

...ARDOUS ...NIFEST	1. Generator ID Number NYD986814257	2. Page 1 of 1	3. Emergency Response Phone 716 351-7220	4. Manifest Tracking Number 005191684 JJK

...Name and Mailing Address ATT DAVE STEINER
Empire Transport Inc. (NYSDEC - REGION 9)
... SOUTH PARK AVE.
...MBURG NY 14075
...rator's Phone: 716 649-8110

Generator's Site Address (if different than mailing address)
Penn Empire Transport Inc. (NYSDEC - REGION 9)
LIVINGSTON STREET
CELORON NY 14720

...ransporter 1 Company Name: TONAWANDA TANK TRANSPORT — U.S. EPA ID Number: NYD097644801

7. Transporter 2 Company Name: Nortru, LLC — U.S. EPA ID Number: MID 021 887275

8. Designated Facility Name and Site Address — U.S. EPA ID Number
PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT MI 48214
Facility's Phone: 313 824-5840 — MID980615298

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ UN1993, WASTE Flammable liquids, n.o.s. (Kerosene) 3, PGII	003	DM	700	P	D001	B	
X	2. RQ UN1993, WASTE Flammable liquids, n.o.s. 3, PGII (Benzene)	006	DM	1200	P	D001	D008	D039
						B		
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1)402091-00 ERG#128 2)402092-00 ERG#128
E F
(1 IS OP) 16022

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Agent for NYSDEC Region 9 — Signature: [signature] — Month / Day / Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CLARK D. MAXWELL — Signature: [signature] — Month 4 Day 19 Year 07
Transporter 2 Printed/Typed Name: S. Clark — Signature: S. Clark — Month 02 Day 24 Year 07

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H141	2. H141	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year: [illegible]

Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY'S COPY

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

Page #

This is to certify that the following waste material was received, managed, and treated in compliance with All applicable Federal and State Laws and Regulations.

004

Facility : PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT MI. 48214

EPA ID : MID980615298

Generator : 116102 - PENN EMPIRE TRANSPORT, INC. EPA ID : NYD986914257
Manifest # 005191683JJK Waste Receipt # DET-16021 Date Received : 03/04/2009

Line	Profile	Material Description	Treatment/ Disposal Description	Final Treatment/ Disposal Facility	Final PSC Manifest	PgLn	Final Date/ Shipped
1	402088-00	HAZARDOUS WASTE, LIQUID, N.O.S. (FUEL, OIL, BENZENE, OIL WATER MIXTURE #1)			005056637JJK 39313-09	1	03/12/2009
					005056689JJK 46588-09	1	03/31/2009
2	402087-00	WASTE FLAMMABLE LIQUIDS, N.O.S. (BENZENE, MEK,TETRACHLOROETHYLENE-OIL WATER MIXTURE #2)			000000003JJK 75278-09	1	
					005056637JJK 39313-09	2	03/12/2009
					005056637JJK 39313-09	1	03/12/2009
3	402089-00	HAZARDOUS WASTE, LIQUID, N.O.S. (BENZENE, LEAD, TETRACHLOROETHYLENE-OIL WATER MIXTURE #3)			005056637JJK 39313-09	1	03/12/2009
					005056637JJK 39313-09	2	03/12/2009
4	402090-00	HAZARDOUS WASTE, LIQUID, N.O.S. (OIL, WATER, LEAD - UNOPEN (8&13))			000000003JJK 75278-09	1	

Name: Melanie Frohriep Signature : Melanie Frohriep Title : Materials Management Coordinator

TONAWANDA TANK

06/15/2009 10:36 FAX 7168770227

CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

Page #

This is to certify that the following waste material was received, managed, and treated in compliance with All applicable Federal and State Laws and Regulations.

005

Facility : PETRO-CHEM PROCESSING GROUP
421 LYCASTE
DETROIT MI, 48214

EPA ID : MID980615298

Generator : 116102 - PENN EMPIRE TRANSPORT, INC. EPA ID : NYD986914257
Manifest # 005191684JJK Waste Receipt # DET-16022 Date Received : 03/04/2009

Line	Profile	Material Description	Treatment/ Disposal Description	Final Treatment/ Disposal Facility	Final PSC Manifest	PgLn	Final Date/ Shipped
1	402091-00	WASTE FLAMMABLE LIQUIDS, N.O.S. (KEROSENE, WATER SOLVENT)			005056637JJK 39313-03	1	03/12/2009
2	402092-00	WASTE FLAMMABLE LIQUIDS, N.O.S. (BENZENE, LEAD-OIL WATER SOLVENT)		TO TANK 21			04/08/2009
				OPEN TRACKING AT			05/01/2009

Name: Melanie Frohriep Signature: Melanie Frohriep Title : Materials Management Coordinator

TONAWANDA TANK

06/15/2009 10:36 FAX 7168770227