



**Limited and Focused Geophysical Survey and
Subsurface Soil/Fill and Groundwater
Investigation Report for the Property Identified
as:**

**Vacant Commercial Property
837 Bailey Avenue and 79 Dingens Street
Buffalo, New York**

LCS PROJECT # 14B4334.22

FEBRUARY 18, 2015

Buffalo. Rochester. Syracuse. Albany. New York City. Mid Hudson. Pittsburgh. Wilkes Barre.
Johnstown. Harrisburg. Allentown. Wilmington. Baltimore. Chicago. Cleveland. Washington DC.
Richmond.

February 18, 2015

Mr. Thomas Krug
Buffalo Truck Center Inc.
271 Dingens Street
Buffalo, New York 14206

**Re: Limited and Focused Geophysical Survey and Subsurface Soil/Fill and Groundwater Investigation
Vacant Commercial Property
837 Bailey Avenue and 79 Dingens Street
Buffalo, New York
LCS Project #14B4334.22**

Dear Mr. Krug:

Background

At your request, Lender Consulting Services, Inc. (LCS) performed a limited and focused geophysical and subsurface soil/fill and groundwater investigation at a vacant commercial property, located at 837 Bailey Avenue and 79 Dingens Street, Buffalo, New York (Figure 1). The subject property measures approximately 7.9 acres and is occupied by one commercial structure. The subject property is located in a moderately developed residential, commercial, and industrial area. The topography of the site is generally level at grade.

This investigation was recommended based on the information gathered by LCS during completion of an All Appropriate Inquiries Phase I Environmental Site Assessment Report for the above-referenced property, dated November 14, 2014. Through that report, the following recognized environmental conditions were identified warranting intrusive study at that time.

- A large portion of the subject property is cleared/filled land with mounded materials (including bricks, concrete, tires, vegetation, auto parts, wood, plastic, etc.). Significant areas of staining were noted on exterior soil and gravel surfaces.
- The subject property is currently vacant but appears to have been used as an automotive repair facility; significant staining was noted to concrete floors within the structure. A floor drain was noted in a vehicle bay with an unknown discharge point.
- The subject property was used as an auto salvage/wrecking facility from at least 1940 to 2014.
- Automotive repair operations were conducted on-site from at least 1946 to 1986.
- A former structure was used as a tire recapping facility in at least 1950.
- A filling station was on-site in at least 1946-1950; three 2,000-gallon tanks were installed in 1946.
- A previous environmental assessment of the subject property completed in 2013 recommended a subsurface investigation.
- During the LCS site inspection, a suspect vent pipe was noted east adjacent to the subject structure.
- Railroad tracks have been located on the eastern portion of the property since at least 1958.
- According to the EDR report, the subject property was identified as a Solid Waste Facility, classified as active vehicle dismantling (J & J Auto Parts).

Buffalo. Rochester. Syracuse. Albany. New York City. Mid Hudson. Pittsburgh. Wilkes Barre.
Johnstown. Harrisburg. Allentown. Wilmington. Baltimore. Chicago. Cleveland. Washington DC.
Richmond.

Introduction

The purpose of this study was to better assess the environmental quality of on-site soils/fill and groundwater in accessible locations of the subject property due to the environmental concerns identified above. Soil/fill samples were collected for stratigraphic characterization and field monitoring. Temporary groundwater monitoring wells were installed within test borings where groundwater was encountered. Select soil/fill and groundwater samples were submitted for laboratory analysis to supplement field observations. In addition, a geophysical survey was conducted proximate to the existing structure.

The work completed is generally consistent with LCS' proposal dated December 5, 2014 with the following exception. LCS had attempted to advance additional test pits proximate two anomalies identified proximate the on-site structure; however, due to the multiple layers of frozen asphalt and the unclear path of on-site privately-owned utilities proximate to these anomalies (in particular, the natural gas line), further investigation of such could not be safely completed during this investigation.

The following is a summary of the methods and results of the investigation.

Methods of Investigation

Geophysical Survey

On January 26, 2015, LCS coordinated a limited and focused geophysical survey in an effort to better determine if historic underground storage tank (UST) system(s), drain discharge lines, or other structures of potential concern are located in the suspected areas of the former on-site automotive repair and filling station operations and suspect vent pipe located on a rear wall of the existing building (Figure 2). Prior to collection of soil/fill samples, the portion of the subject property proximate to the existing building was surveyed using a combination of ground penetrating radar (GPR) and utility tracing instruments.

Subsurface Investigation

Soil

Test pits were completed on the subject property with a track-mounted excavator on January 27 and 28, 2015. Soil/fill samples were collected within each test pit continuously from the ground surface to a depth of approximately 10 feet below the ground surface (ft. bgs).

Additional soil/fill samples were collected on January 29, 2015, with a track-mounted percussion and hydraulically driven drive system equipped with an approximate 2-inch diameter, approximate 48-inch long macro-core sampler. Soil/fill samples were collected within each borehole continuously from the ground surface to a depth of between approximately 12 and 16 feet below the ground surface (ft. bgs). Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collection of each sample.

The physical characteristics of all soil/fill samples collected from the test pits and boreholes were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method) and placed in separate sealable containers to allow any vapors to accumulate in the headspace. After several minutes, each container was opened slightly and the total volatile organic compound (VOC) concentration in air within the sample container was measured using a photoionization detector (PID). The PID is designed to detect VOCs, such as those associated with petroleum and some solvents. Based on the field observations and/or screening results, soils/fill were selected for analysis (see below).

Groundwater

Temporary groundwater monitoring wells TPMW1 through TPMW5 were installed within boreholes BH1 through BH5, respectively. Generally, the bottoms of the wells were set to between approximately 11.8 and 15.9 ft. bgs. Each of the wells was constructed with one-inch diameter PVC screen and riser with a silica filter pack placed around the well screen. A bentonite

seal was placed above the sand and each well was covered with a plastic cap, to prevent surface water from entering the well. Refer to the attached subsurface logs/well construction details for well specific well construction details.

The groundwater samples from temporary groundwater monitoring wells TPMW1 through TPMW4 were collected on January 30, 2015. The groundwater sample from temporary groundwater monitoring well TPMW5 was collected on January 29, 2015. Prior to sample collection, each well was developed by removing approximately three to five well volumes from the well. New disposable dedicated PVC bailers were used for well development and sample collection activities. A peristaltic pump and new dedicated and disposable PVC and silicone tubing was used to collect samples for metals analysis from TPMW5. On January 30, the peristaltic pump was inoperable due to the purged groundwater immediately freezing in the pump tubing; therefore, samples for metals analysis from TPMW1 through TPMW4 were collected with new dedicated and disposable PVC bailers.

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to a New York State Department of Health (NYSDOH) approved laboratory for analysis in accordance with the United States Environmental Protection Agency (USEPA) SW-846 Methods as summarized below. The analytical methods were chosen based on LCS' experience with sites of similar use.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed	Recognized Environmental Condition
C&D Fill and Surficial Materials		
TP14 (~0-4 ft. bgs)	TCL and CP-51 list VOCs, TCL SVOCs, RCRA Metals, and PCBs	Historic on-site operations and fill materials
TP19 (~0-4 ft. bgs)		
TP20 (~0-4 ft. bgs)		
BH2 (~0-4 ft. bgs)	RCRA Metals and PCBs	
BH5 (~0-2 ft. bgs)		
Ash Fill		
TP15 (~4-6 ft. bgs)	TCL and CP-51 list VOCs, TCL SVOCs, RCRA Metals, and PCBs	Historic on-site operations and fill materials
TP16 (~4-6 ft. bgs)		
Cinders Fill		
TP4 (~6-8 ft. bgs)	TCL and CP-51 list VOCs, TCL SVOCs, RCRA Metals, and PCBs	Historic on-site operations and fill materials
TP9 (~4-6 ft. bgs)		
BH3 (~8-12 ft. bgs)		
Native Clay (directly beneath fill materials)		
BH1 (~8-10 ft. bgs)	TCL and CP-51 list VOCs, TCL SVOCs, RCRA Metals, and PCBs	Historic on-site operations and fill materials
BH4 (~10-12 ft. bgs)		
BH2 (~8-10 ft. bgs)	VOCs and SVOCs	
BH5 (~8-10 ft. bgs)		
Groundwater		
TPMW1	TCL and CP-51 list VOCs, TCL SVOCs, RCRA Metals, and PCBs	Historic on-site operations and fill materials
TPMW2		
TPMW3		
TPMW4		
TPMW5		

ft. bgs = feet below ground surface

BH = Borehole

TP = Test Pit

TPMW = Temporary groundwater monitoring well

C&D = Construction and Demolition

TCL VOCs = Target Compound List volatile organic compounds via USEPA Test Method 8260

CP-51 list VOCs = Final Commissioner Policy-51 list volatile organic compounds via USEPA Test Method 8260

TCL SVOCs = Target Compound List semi-volatile organic compounds via USEPA Test Method 8270

RCRA Metals = Resource Conservation and Recovery Act metals via USEPA Test Method 6010/7471

PCBs = Polychlorinated biphenyls via USEPA Test Method 8082

Results of Field Investigation

Geophysical Survey

Based on the results of the geophysical survey, geophysical anomalies were identified on the north side of the building and on the southwestern side of the building (in the parking lot). The nature of these anomalies could not be determined. Anomalies were not identified proximate to the vent pipe on the rear wall of the building.

Subsurface Investigation

Twenty test pits (TP1 through TP20) and five boreholes (BH1 through BH5) were completed in accessible areas of the subject property proximate to the environmental concerns (Figure 2.) A total of 121 soil/fill samples were collected for geologic description. Fill materials were generally present in distinct layers within most of the test pits and boreholes completed; this included, from the surface down, a layer consisting of construction and demolition debris and/or metal fragments, a layer consisting of ash and glass bottles, and a layer consisting of black cinders and wood fragments. Fill materials were mixed with fine brown sand. Fill was present within all test pits and all boreholes to depths of between approximately 2 and 12 ft. bgs. The maximum depth of the fill on the subject property is unknown. Generally, the fill materials were underlain by native soils consisting primarily of clay. Apparent groundwater was encountered within all of the test pits and boreholes completed at depths between approximately 6 and 8 ft. bgs.

PID measurements were not significantly above total ambient air background VOC concentrations (i.e., 0.0 parts per million, ppm) in any of the 121 soil/fill samples collected. Suspect petroleum-type odors were detected in the fill samples collected from test pit TP20 at depths of ~0-4 ft. bgs. An unknown odor (not suspected to be petroleum or solvents) was detected in the fill samples collected from test pit TP4 at depths of ~4-8 ft. bgs. No suspect petroleum- or solvent- type staining was observed and no solvent-type odors were detected in the soil/fill samples collected. A suspect sheen was observed on groundwater within a sample liner obtained from test boring BH2; this sheen was not observed during development of the associated well.

Refer to the attached subsurface logs for soil/fill classification for each sample interval, field observations and PID measurements.

Investigation Analytical Results

The soil/fill and groundwater samples collected and analyzed detected the following analytes. The respective concentrations as well as commonly applied regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

Blue = Exceedances in C&D Fill/Shallow Materials (~0-4 ft. bgs). Three out of the five samples of C&D Fill/Shallow Materials submitted to the laboratory had an exceedance. These materials were present within all 20 test pits and all 5 boreholes completed.

Pink = Exceedances in Cinder Fill Material (ranges from ~4-12 ft. bgs). All three samples of Cinder Fill Material submitted to the laboratory had an exceedance. This material was present within 11 of the 20 test pits and 3 of the 5 boreholes completed.

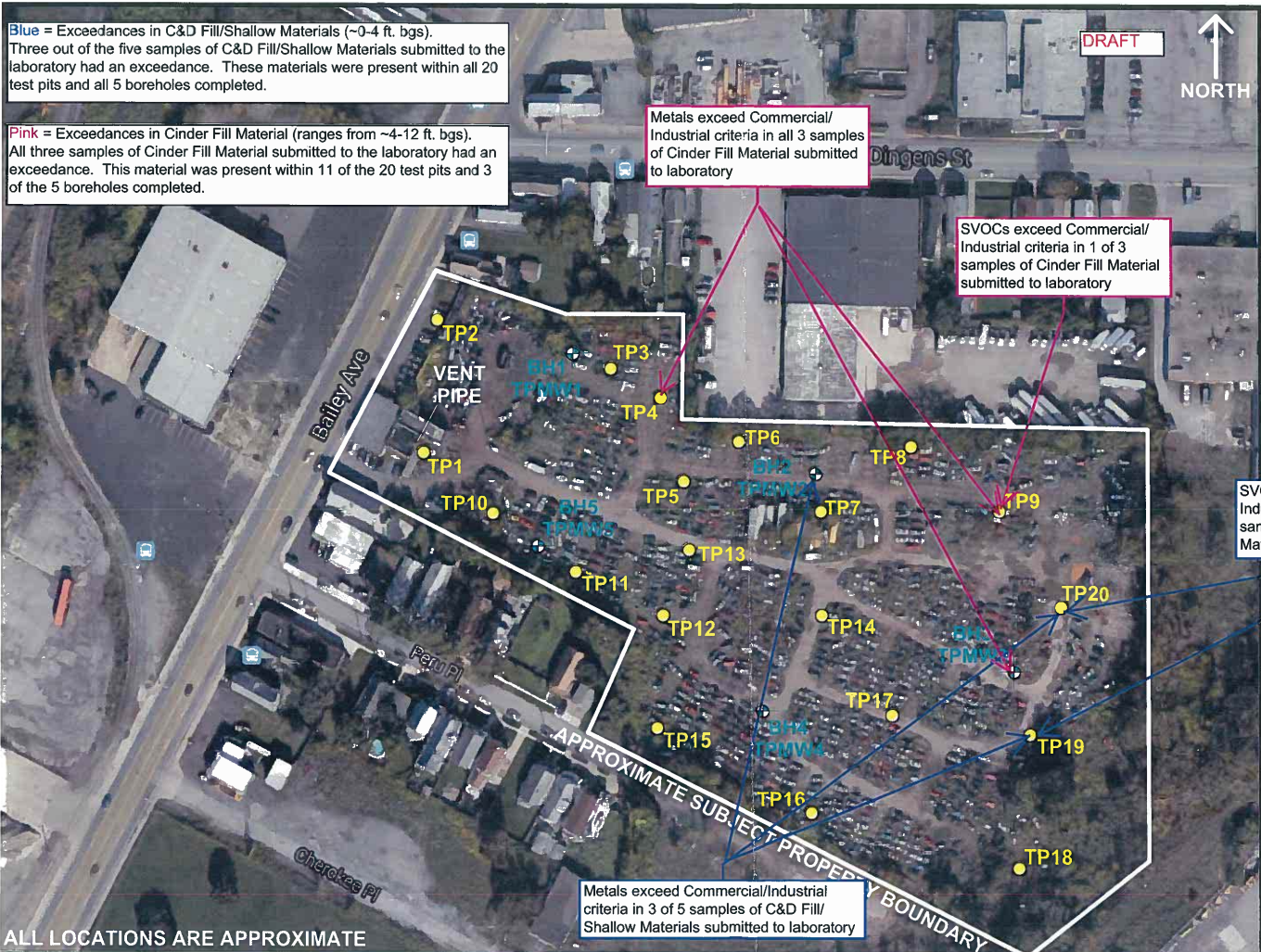
Metals exceed Commercial/Industrial criteria in all 3 samples of Cinder Fill Material submitted to laboratory

SVOCs exceed Commercial/Industrial criteria in 1 of 3 samples of Cinder Fill Material submitted to laboratory

SVOCs exceed Commercial/Industrial criteria in 2 of 3 samples of C&D Fill/Shallow Materials submitted to laboratory

Metals exceed Commercial/Industrial criteria in 3 of 5 samples of C&D Fill/Shallow Materials submitted to laboratory

ALL LOCATIONS ARE APPROXIMATE



Drawn by: MP

Checked by: DBR

0 100 200
Approximate Scale in Feet

LCS Project #14B4334.22

INVESTIGATION PLAN
AVENUE AND
NS STREET
NEW YORK

FIGURE 2



SOIL/FILL TESTING RESULTS

C&D Fill and Shallow Materials

VOCs by USEPA SW-846 Method 8260

Sample ID	TP14	TP19	TP20	Part 375	Part 375
Date Sampled	1/27/2015	1/28/2015	1/28/2015	(Unrestricted) Soil	(Commercial) Soil
Sample Location	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs	Cleanup Objectives	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Benzene	11.8	2.3	889	60	44,000
Carbon Disulfide	2.6 J	1.0 J	<31	NL	NL
Ethylbenzene	1.5 J	<1.0	<160	1,000	390,000
Isopropylbenzene	<0.19	<0.25	137 J	NL	NL
Methyl tert butyl ether	<0.20	4.4	180 J	930	500,000
Naphthalene	0.67 J	1.0 J	<94	12,000	500,000
n-Propylbenzene	<0.17	<0.23	291 J	3,900	500,000
Toluene	16	1.3 J	259 J	700	500,000
1,2,4- Trimethylbenzene	5.2 J	<2.2	524 J	3,600	190,000
1,3,5- Trimethylbenzene	2.3 J	<2.3	<360	8,400	190,000
m,p- Xylene	12.4	0.70 J	1,140	260*	500,000*
o-Xylene	5.8	<0.43	160 J	260*	500,000*
Xylene (total)	18.3	0.70 J	1,300	260*	500,000*

µg/kg = micrograms per kilogram

NL = Not Listed

J = Indicates an estimated value

*= Based on the sum of the Total Xylene

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

- Analyte detected at or above the Part 375 Unrestricted Soil Cleanup Objectives.

SVOCs by USEPA SW-846 Method 8270

Sample ID	TP14	TP19	TP20	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives	Part 375 (Industrial) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/28/2015	1/28/2015			
Sample Location	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs			
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acenaphthene	<74	1,080	258 J	20,000	500,000	1,000,000
Acenaphthylene	64.0 J	1,060	290 J	100,000	500,000	1,000,000
Anthracene	122 J	3,200	869	100,000	500,000	1,000,000
Benzo(a)anthracene	502 J	10,900	3,140	1,000	5,600	11,000
Benzo(a)pyrene	537 J	10,600	3,220	1,000	1,000	1,100
Benzo(b)fluoranthene	521 J	8,370	2,610	1,000	5,600	11,000
Benzo(g,h,i)perylene	409 J	5,920	1,800	100,000	500,000	1,000,000
Benzo(k)fluoranthene	478 J	8,350	2,430	800	56,000	110,000
Carbazole	85.0 J	2,590	322 J	NL	NL	NL
Chrysene	602	11,900	3,170	1,000	56,000	110,000
Dibenzo(a,h)anthracene	141 J	2,120	730	330	560	1,100
Dibenzofuran	<77	1,680	193 J	7,000	350,000	1,000,000
Bis (2-ethylhexyl) phthalate	<51	130 J	179 J	NL	NL	NL
Fluoranthene	932	29,200	6,010	100,000	500,000	1,000,000
Fluorene	<74	2,160	321 J	30,000	500,000	1,000,000
Indeno (1,2,3-cd) pyrene	353 J	6,030	1,770	500	5,600	11,000
2-Methylnaphthalene	161 J	732	214 J	NL	NL	NL
Naphthalene	115 J	2,010	274 J	12,000	500,000	1,000,000
Phenanthrene	518 J	23,000	3,610	100,000	500,000	1,000,000
Pyrene	785	24,300	5,760	100,000	500,000	1,000,000

µg/kg = micrograms per kilogram
 NL = Not Listed
 J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

— = Analyte detected at or above the Part 375 Unrestricted Soil Cleanup Objectives.
Bold = Analyte detected at or above the Part 375 Commercial Soil Cleanup Objectives.
Underlined = Analyte detected at or above the Part 375 Industrial Soil Cleanup Objectives.

Metals by USEPA SW-846 Methods 6010/7471A

Sample ID	TP14	TP19	TP20	BH2	BH5	Eastern USA Background Concentrations ²	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives	Part 375 (Industrial) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/28/2015	1/28/2015	1/29/2015	1/29/2015				
Sample Location	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs	0-2 ft. bgs				
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	14	55.5	17.4	35.1	11.3	3-12*	13	16	16
Barium	319	656	166	220	95.8	15-600	350	400	10,000
Cadmium	0.81	3	1.5	1.8	4.2	0.1-1	2.5	9.3	60
Chromium	14	33.2	20	15.9	21.4	1.5-40*	(1 ¹ /30 ¹) ¹	(400 ¹ /1,500 ¹) ¹	(800 ¹ /6,800 ¹) ¹
Lead	476	805	611	6,670	361	*** (500)	63	1,000	3,900
Mercury	0.45	0.95	0.42	0.4	0.17	0.001-0.2	0.18	2.8	5.7
Selenium	0.29 B	3.7	<0.26	<0.50 ^a	<0.26	0.1-3.9	3.9	1,500	6,800
Silver	0.047 B	0.64 B ^a	0.33 B	2.5 ^a	<0.045	NA	2.0	1,500	6,800

mg/kg = milligrams per kilogram
NA = Not Available

B = Indicates a result greater than or equal to the Method Detection Limit but less than the Reporting Limit.

^a = Elevated Reporting Limit due to dilution required for matrix interference.

¹ = New York State Background

¹ = Hexavalent Chromium/Trivalent Chromium

² = New York State Department of Environmental Conservation Memorandum – Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, Appendix A, Table 4 (January 24, 1994 [Revised])

² = The Soil Cleanup Objective for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific Soil Cleanup Objective.

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

*** = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4- 61 mg/kg. Average background levels in metropolitan or suburban areas, or near highways, typically range between 200- 500 mg/kg.

= Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Unrestricted Soil Cleanup Objectives.

= Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Commercial Soil Cleanup Objectives.

= Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Industrial Soil Cleanup Objectives.

PCBs by USEPA SW-846 Method 8082

Sample ID	TP14	TP19	TP20	BH2	BH5	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/28/2015	1/28/2015	1/29/2015	1/29/2015		
Sample Location	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs	0-4 ft. bgs	0-2 ft. bgs		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Aroclor 1254	<17	39.6 J	<19	<19	<18	-	-
Aroclor 1260	<14	<17	18.5 J	<16	401	-	-
Total Aroclor	ND	39.6 J	18.5 J	ND	401	100	1,000

µg/kg = micrograms per kilogram

ND = Not detected

J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

= Analyte detected at or above the Part 375 Unrestricted Soil Cleanup Objectives.

Ash Fill Material

VOCs by USEPA SW-846 Method 8260

Sample ID	TP15	TP16	Part 375
Date Sampled	1/27/2015	1/28/2015	(Unrestricted) Soil
Sample Location	4-6 ft. bgs	4-6 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg
Benzene	1.9	8.1	60
Ethylbenzene	<1.3	6	1,000
n-Propylbenzene	<0.29	1.1 J	3,900
Toluene	11.9	17.4	700
1,2,4- Trimethylbenzene	<2.7	9.0 J	3,600
1,3,5- Trimethylbenzene	<2.9	3.5 J	8,400
m,p- Xylene	<0.84	31.9	260*
o-Xylene	<0.54	17.4	260*
Xylene (total)	<0.42	49.3	260*

µg/kg = micrograms per kilogram
J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
* = Based on the sum of the Total Xylene

SVOCs by USEPA SW-846 Method 8270

Sample ID	TP15	TP16	Part 375
Date Sampled	1/27/2015	1/28/2015	(Unrestricted) Soil
Sample Location	4-6 ft. bgs	4-6 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg
Benzo(a)anthracene	23.3 J	33.5 J	1,000
Benzo(a)pyrene	23.4 J	30.6 J	1,000
Benzo(b)fluoranthene	<21	25.5 J	1,000
Benzo(g,h,i)perylene	<17	18.2 J	100,000
Benzo(k)fluoranthene	<26	29.0 J	800
Chrysene	23.3 J	35.3 J	1,000
Fluoranthene	46.3 J	74.1 J	100,000
Indeno (1,2,3-cd) pyrene	<19	17.1 J	500
Phenanthrene	34.1 J	60.5 J	100,000
Pyrene	40.1 J	61.5 J	100,000

µg/kg = micrograms per kilogram
J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

Metals by USEPA SW-846 Methods 6010/7471A

Sample ID	TP15	TP16	Eastern USA	Part 375	Part 375
Date Sampled	1/27/2015	1/28/2015	Background	(Unrestricted) Soil	(Commercial) Soil
Sample Location	4-6 ft. bgs	4-6 ft. bgs	Concentrations ²	Cleanup Objectives	Cleanup Objectives
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	10.2	5.4	3-12*	13	16
Barium	130	131	15-600	350	400
Cadmium	0.42 B	0.54	0.1-1	2.5	9.3
Chromium	11.6	10.7	1.5-40*	(1 ¹ /30) ¹	(400 ² /1,500) ¹
Lead	210	240	*** (500)	63	1,000
Mercury	0.37	0.041 B	0.001-0.2	0.18	2.8
Selenium	0.97 B	<0.32	0.1-3.9	3.9	1,500
Silver	0.12 B	<0.055	NA	2.0	1,500

mg/kg = milligrams per kilogram

NA = Not Available

B = Indicates a result greater than or equal to the Method Detection Limit but less than the Reporting Limit.

* = New York State Background

¹ = Hexavalent Chromium/Trivalent Chromium

² = New York State Department of Environmental Conservation Memorandum – Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, Appendix A, Table 4 (January 24, 1994 [Revised])

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

*** = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4- 61 mg/kg. Average background levels in metropolitan or suburban areas, or near highways, typically range between 200- 500 mg/kg.

= Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Unrestricted Soil Cleanup Objectives.

PCBs by USEPA SW-846 Method 8082

Sample ID	TP15	TP16	Part 375
Date Sampled	1/27/2015	1/28/2015	(Unrestricted) Soil
Sample Location	4-6 ft. bgs	4-6 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg
Total Aroclors	ND	ND	100

µg/kg = micrograms per kilogram

ND = Not detected

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

Cinder Fill Material

VOCs by USEPA SW-846 Method 8260

Sample ID	TP4	TP9	BH3	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/27/2015	1/29/2015		
Sample Location	6-8 ft. bgs	4-6 ft. bgs	8-12 ft. bgs		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone	<4.6	68.2**	54.2**	50	500,000
Benzene	2.4	2.1	3.2	60	44,000
Carbon Disulfide	12.0	4.3 J	1.1 J	NL	NL
p- Isopropyltoluene	0.43 J	<0.33	<0.27	NL	NL
Methyl tert butyl ether	0.75 J	3.8	3.9	930	500,000
Naphthalene	0.72 J	<0.74	<0.61	12,000	500,000
Toluene	2.0 J	1.8 J	2.7 J	700	500,000
m,p- Xylene	1.2 J	<0.82	<0.68	260*	500,000*
Xylene (total)	1.2 J	<0.41	0.64 J	260*	500,000*

µg/kg = micrograms per kilogram
 NL = Not Listed
 J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
 * = Based on the sum of the Total Xylene
 ** Common laboratory contaminant

■ = Analyte detected at or above the Part 375 Unrestricted Soil Cleanup Objectives.

SVOCs by USEPA SW-846 Method 8270						
Sample ID	TP4	TP9	BH3	Part 375	Part 375	Part 375
Date Sampled	1/27/2015	1/27/2015	1/29/2015	(Unrestricted) Soil	(Commercial) Soil	(Industrial) Soil
Sample Location	6-8 ft. bgs	4-6 ft. bgs	8-12 ft. bgs	Cleanup Objectives	Cleanup Objectives	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
3&4-Methylphenol	136 J	521 J	64.4 J	(330/330) ¹	(500,000/500,000) ¹	(1,000,000/1,000,000) ¹
Acenaphthene	66.1 J	323	24.2 J	20,000	500,000	1,000,000
Acenaphthylene	29.7 J	54.3 J	42.0 J	100,000	500,000	1,000,000
Anthracene	116 J	710	162 J	100,000	500,000	1,000,000
Benzo(a)anthracene	313	1,880	497	1,000	5,600	11,000
Benzo(a)pyrene	301	1,820	365	1,000	1,000	1,100
Benzo(b)fluoranthene	226	1,490	382	1,000	5,600	11,000
Benzo(g,h,i)perylene	175	1,160	215	100,000	500,000	1,000,000
Benzo(k)fluoranthene	257	1,540	437	800	56,000	110,000
Carbazole	61.3 J	474	94.2 J	NL	NL	NL
Chrysene	357	1,930	541	1,000	56,000	110,000
Dibenzo(a,h)anthracene	59.7 J	400	95.8 J	330	560	1,100
Dibenzofuran	38.9 J	162 J	56.9 J	7,000	350,000	1,000,000
Bis (2-ethylhexyl) phthalate	<13	<20	22.8 J	NL	NL	NL
Fluoranthene	837	4,550	1040	100,000	500,000	1,000,000
Fluorene	75.9 J	271	75.8 J	30,000	500,000	1,000,000
Indeno (1,2,3-cd) pyrene	138 J	1,120	221	500	5,600	11,000
2-Methylnaphthalene	29.9 J	143 J	59.9 J	NL	NL	NL
Naphthalene	73.7 J	201 J	92.3 J	12,000	500,000	1,000,000
Phenanthrene	817	2,950	679	100,000	500,000	1,000,000
Pyrene	857	3,950	842	100,000	500,000	1,000,000

µg/kg = micrograms per kilogram

NL = Not Listed

J = Indicates an estimated value

¹ = 3-Methylphenol / 4-Methylphenol

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

= Analyte detected at or above the Part 375 Unrestricted Soil Cleanup Objectives.

Bold = Analyte detected at or above the Part 375 Commercial Soil Cleanup Objectives.

Underlined = Analyte detected at or above the Part 375 Industrial Soil Cleanup Objectives.

Metals by USEPA SW-846 Methods 6010/7471A

Sample ID	TP4	TP9	BH3	Eastern USA Background Concentrations ²	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives	Part 375 (Industrial) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/27/2015	1/29/2015				
Sample Location	6-8 ft. bgs	4-6 ft. bgs	8-12 ft. bgs				
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	24.1	32.5	56.1 ^a	3-12*	13	16	16
Barium	1,010	1,350	354 ^a	15-600	350	400	10,000
Cadmium	1.1	2.9	23.6 ^a	0.1-1	2.5	9.3	60
Chromium	21.4	45.6	32.1 ^a	1.5-40*	(1 ¹ /30 ¹) ¹	(400 ² /1,500 ²) ¹	(800 ² /6,800 ²) ¹
Lead	6,290	4,440	7,600	*** (500)	63	1,000	3,900
Mercury	1.4	2.4	5.7	0.001-0.2	0.18	2.8	5.7
Selenium	6.6	2.4	10.4 ^a	0.1-3.9	3.9	1,500	6,800
Silver	0.37 B	10.6	1.3 B ^a	NA	2.0	1,500	6,800

mg/kg = milligrams per kilogram

NA = Not Available

B = Indicates a result greater than or equal to the Method Detection Limit but less than the Reporting Limit.

^a = Elevated Reporting Limit due to dilution required for matrix interference.

* = New York State Background

¹ = Hexavalent Chromium/Trivalent Chromium

² = New York State Department of Environmental Conservation Memorandum – Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, Appendix A, Table 4 (January 24, 1994 [Revised])

¹ = The Soil Cleanup Objective for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific Soil Cleanup Objective.

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

*** = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4- 61 mg/kg. Average background levels in metropolitan or suburban areas, or near highways, typically range between 200- 500 mg/kg.

^a = Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Unrestricted Soil Cleanup Objectives.

Bold = Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Commercial Soil Cleanup Objectives.

Underlined = Analyte detected at or above the Eastern USA Background Concentrations and the Part 375 Industrial Soil Cleanup Objectives.

PCBs by USEPA SW-846 Method 8082

Sample ID	TP4	TP9	BH3	Part 375 (Unrestricted) Soil Cleanup Objectives
Date Sampled	1/27/2015	1/27/2015	1/29/2015	
Sample Location	6-8 ft. bgs	4-6 ft. bgs	8-12 ft. bgs	
Units	µg/kg	µg/kg	µg/kg	µg/kg
Total Aroclors	ND	ND	ND	100

µg/kg = micrograms per kilogram

ND = Not detected

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

Native Clay (Beneath Fill Materials)

VOCs by USEPA SW-846 Method 8260

Sample ID	BH1	BH2	BH4	BH5	Part 375
Date Sampled	1/29/2015	1/29/2015	1/29/2015	1/29/2015	(Unrestricted) Soil
Sample Location	8-10 ft. bgs	8-10 ft. bgs	10-12 ft. bgs	8-10 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Benzene	0.98	1.6	1.5	2.3	60
Carbon Disulfide	<0.082	0.92 J	<0.097	<0.12	NL
Methyl tert butyl ether	<0.11	0.40 J	<0.14	<0.17	930
Toluene	1.6 J	2.7 J	2.1 J	3.7 J	700
m,p- Xylene	1.5	2.2	1.3 J	2.4	260*
o-Xylene	0.40 J	0.67 J	0.42 J	0.79 J	260*
Xylene (total)	1.9	2.8	1.8	3.2	260*

µg/kg = micrograms per kilogram
NL = Not Listed
J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
* = Based on the sum of the Total Xylene

SVOCs by USEPA SW-846 Method 8270

Sample ID	BH1	BH2	BH4	BH5	Part 375
Date Sampled	1/29/2015	1/29/2015	1/29/2015	1/29/2015	(Unrestricted) Soil
Sample Location	8-10 ft. bgs	8-10 ft. bgs	10-12 ft. bgs	8-10 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Benzo(a)anthracene	<16	19.5 J	<16	<16	1,000
Chrysene	<15	28.6 J	<16	<15	1,000
Fluoranthene	<17	26.3 J	<17	<17	100,000
Phenanthrene	<17	19.0 J	<17	<17	100,000
Pyrene	<14	30.6 J	<15	<14	100,000

µg/kg = micrograms per kilogram
J = Indicates an estimated value

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

Metals by USEPA SW-846 Methods 6010/7471A

Sample ID	BH1	BH4	Eastern USA	Part 375
Date Sampled	1/29/2015	1/29/2015	Background	(Unrestricted) Soil
Sample Location	8-10 ft. bgs	10-12 ft. bgs	Concentrations ²	Cleanup Objectives
Units	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	12.7	9	3-12*	13
Barium	88.6	94.1	15-600	350
Cadmium	0.26 B	0.21 B	0.1-1	2.5
Chromium	20	23.3	1.5-40*	(1 ^{1/2} /30 ²) ¹
Lead	13.8	16.6	*** (500)	63
Mercury	0.026 B	0.018 B	0.001-0.2	0.18

mg/kg = milligrams per kilogram
B = Indicates a result greater than or equal to the Method Detection Limit but less than the Reporting Limit.
* = New York State Background

¹ = Hexavalent Chromium/Trivalent Chromium

² = New York State Department of Environmental Conservation Memorandum – Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels, Appendix A, Table 4 (January 24, 1994 [Revised])
³ = The Soil Cleanup Objective for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific Soil Cleanup Objective.

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

*** = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4- 61 mg/kg. Average background levels in metropolitan or suburban areas, or near highways, typically range between 200- 500 mg/kg.

PCBs by USEPA SW-846 Method 8082

Sample ID	BH1	BH4	Part 375
Date Sampled	1/29/2015	1/29/2015	(Unrestricted) Soil
Sample Location	8-10 ft. bgs	10-12 ft. bgs	Cleanup Objectives
Units	µg/kg	µg/kg	µg/kg
Total Aroclor	ND	ND	100

µg/kg = micrograms per kilogram
ND = Not detected

Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)

GROUNDWATER TESTING RESULTS

VOCs by USEPA SW-846 Method 8260

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	NYSDEC Class GA
Date Sampled	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/29/2015	Groundwater Criteria
Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Methyl tert butyl ether	0.97 J	0.66 J	12.5	2.1	<0.22	10

µg/l = micrograms per liter
J = Indicates an estimated value.

NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)
= Analyte detected at or above the NYSDEC Class GA Groundwater Criteria.

SVOCs by USEPA SW-846 Method 8270

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	NYSDEC Class GA
Date Sampled	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/29/2015	Groundwater Criteria
Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Acenaphthylene	<0.18	<0.18	0.68 J	<0.18	<0.71	NL
Anthracene	0.33 J	<0.15	1.3 J	0.18 J	<0.58	50
Benzo(a)anthracene	1.3 J	0.27 J	5.6	1.1 J	<0.73	0.002
Benzo(a)pyrene	1.3 J	0.20 J	4.8	1.1 J	<0.70	ND
Benzo(b)fluoranthene	1.0 J	<0.42	4.4	0.98 J	<1.7	0.002
Benzo(g,h,i)perylene	0.84 J	<0.27	2.9	0.72 J	<1.1	NL
Benzo(k)fluoranthene	1.2 J	<0.39	4.2	0.75 J	<1.6	0.002
Carbazole	<0.14	<0.14	0.62 J	<0.14	<0.54	NL
Chrysene	1.3 J	0.21 J	5.2	1.2 J	<0.42	0.002
Dibenzo(a,h)anthracene	0.28 J	<0.22	1.5 J	0.25 J	<0.89	NL
Bis (2-ethylhexyl) phthalate	1.1 J	<0.26	0.82 J	1.0 J	<1.1	5
Fluoranthene	2.3	0.34 J	8.5	1.3 J	<1.1	50
Fluorene	<0.17	<0.17	0.26 J	<0.17	<0.70	50
Indeno (1,2,3-cd) pyrene	0.80 J	<0.23	2.8	0.59 J	<0.91	0.002
Naphthalene	<0.26	0.29 J	<0.26	0.34 J	<1.0	10
Phenanthrene	1.3 J	0.17 J	4.1	0.79 J	<0.44	50
Pyrene	2.3	0.40 J	8	1.5 J	<0.57	50

µg/l = micrograms per liter
J = Indicates an estimated value.

NL = Not Listed
ND = Not Detected

NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)
= Analyte detected at or above the NYSDEC Class GA Groundwater Criteria.

Metals by USEPA SW-846 Methods 6010/7471A

Sample ID	TPMW1	TPMW1	TPMW2	TPMW2	TPMW3	TPMW3	TPMW4	TPMW4	TPMW5	NYSDEC Class GA
Date Sampled	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/29/2015	Groundwater Criteria
Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Type	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	
Arsenic	895 ^b	19.8	97.7	<1.7	47.9	<1.7	145	1.8 B	<1.7	25
Barium	19,400	184	1,430	211	1,790	426	3,070	221	246	1,000
Cadmium	50.1 ^b	<0.43	5.9	<0.43	6.6	<0.43	16.6	<0.43	<0.43	5
Chromium	1,150 ^b	<0.48	102	<0.48	188	<0.48	156	0.60 B	0.70 B	50
Lead	53,500	<1.7	3,290	<1.7	5,610	<1.7	9,340	<1.7	10.5	25
Mercury	31.2	<0.096	0.61	<0.096	1.1	<0.096	3	<0.096	<0.096	0.7
Selenium	141 ^b	<2.0	3.3 B	<2.0	2.0 B	<2.0	10.6	<2.0	<2.0	10
Silver	24.2 B ^b	<1.0	5.2	<1.0	2.5 B	<1.0	4.4 B	<1.0	<1.0	50

µg/l = micrograms per liter

B = Indicates analyte found in associated method blank.

^b = Elevated Reporting Limit due to dilution required for matrix interference.

NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

= Analyte detected at or above the NYSDEC Groundwater Criteria.

PCBs by USEPA SW-846 Method 8082

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	NYSDEC Class GA
Date Sampled	1/30/2015	1/30/2015	1/30/2015	1/30/2015	1/29/2015	Groundwater Criteria
Units	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Aroclor 1016	<0.11	<0.11	<0.11	<0.11	<0.55	-
Aroclor 1221	<0.11	<0.11	<0.11	<0.11	<0.55	-
Aroclor 1232	<0.12	<0.12	<0.12	<0.12	<0.59	-
Aroclor 1242	<0.12	<0.12	<0.12	<0.12	<0.62	-
Aroclor 1248	<0.083	<0.083	<0.083	<0.083	<0.41	-
Aroclor 1254	<0.11	<0.11	0.78	<0.11	<0.55	-
Aroclor 1260	<0.13	<0.13	0.46 ^a	<0.13	<0.63	-
Total Aroclors	ND	ND	1.24	ND	ND	0.09

µg/l = micrograms per liter

^a = Estimated value due to the presence of other Aroclor pattern

NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

= Analyte detected at or above the NYSDEC Groundwater Criteria.

Conclusions

The purpose of this study was to assess the recognized environmental conditions identified in the November 14, 2014 All Appropriate Inquiries Phase I Environmental Site Assessment Report (specifically, cleared/filled land with staining, historic on-site automotive repair, filling station, and auto salvage/wrecking/dismantling operations, solid waste operations, floor drain with unknown discharge point, suspect vent pipe, and railroad tracks). Select soil/fill and groundwater samples were collected from the areas of the recognized environmental conditions and submitted for laboratory analysis. In addition, a geophysical survey was completed around the existing building.

Geophysical Survey

Based on the results of the geophysical survey, geophysical anomalies were identified on the north side of the building and on the southwestern side of the building (in the parking lot). The nature of these anomalies could not be determined. Anomalies were not identified proximate to the vent pipe on the rear wall of the building.

Subsurface Investigation

Field Observations

Based on the field observations, PID measurements were not significantly above total ambient air background VOC concentrations (i.e., 0.0 parts per million, ppm) in any of the 121 soil samples collected. Suspect petroleum-type odors were detected in the soil samples collected from test pit TP20 at depths of ~0-4 ft. bgs. An unknown odor (not suspected to be petroleum or solvents) was detected in the soil samples collected from test pit TP4 at depths of ~4-8 ft. bgs. No suspect petroleum- or solvent- type staining was observed and no solvent-type odors were detected in the soil samples collected. A suspect sheen was observed on groundwater within a sample liner obtained from test boring BH2; this sheen was not observed during development of the associated well. In LCS' experience, the PID measurements and field observations suggest the presence of some VOC impact proximate to test pit TP20 and test boring BH2.

In addition, LCS observed at least twelve feet of fill materials beneath the ground surface at the subject property, including construction and demolition debris, ash, and cinders; in LCS' experience, such fill materials commonly contain elevated levels of metals and semi-volatile organic compounds (SVOCs). Contaminant levels can vary.

Laboratory Test Results

Laboratory results were compared with the New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs). The SCOs are employed at sites undergoing investigation and remediation through state programs (i.e., Brownfield Cleanup Program, State Superfund Program). For sites which will have their uses formally restricted (i.e., residential, commercial, industrial), documentation that soil/fill meets the criteria set forth by the SCOs for residential through industrial use are generally acceptable when institutional and/or engineering controls are in place (i.e., environmental easement, deed restriction, soil caps, etc.). The SCOs are commonly utilized for guidance purposes in due diligence investigations for real estate transactions.

Fill Materials

C&D and Surface Material

Based on the laboratory results, the petroleum-related VOCs benzene and xylene were detected at concentrations above the Part 375 SCOs for unrestricted use, but below commercial use, in the C&D/surface material sample collected and submitted for analysis from test pit TP20 (~0-4 ft. bgs); this is consistent with the suspect petroleum-type odors detected within this sample.

Seven SVOCs were detected at concentrations above the Part 375 SCOs for unrestricted use in two of the three C&D/surface material samples collected and submitted for SVOCs analysis (TP19, ~0-4 ft. bgs; and TP20, ~0-4 ft. bgs). The following SVOCs were detected in these samples at concentrations above the SCOs for commercial and/or industrial site use:

- Benzo(a)anthracene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene in TP19
- Benzo(a)pyrene and dibenzo(a,h)anthracene in TP19 and TP20

These two samples were collected from an area with a greater amount of C&D materials observed within the test pits than in the other areas investigated; in LCS' experience, the concentrations of the SVOCs detected are not uncommon for these types of fill materials.

Six metals were collectively detected at concentrations above the Part 375 SCOs for unrestricted use in all five of the C&D/surface material samples collected and submitted for metals analysis. The following metals were detected at concentrations above the SCOs for commercial and/or industrial site use:

- Arsenic in TP19, TP20, and BH2
- Barium in TP19
- Lead in BH2

Lastly, total aroclors (total PCBs) was detected at a concentration above the Part 375 SCOs for unrestricted use, but below commercial use, in one of the five C&D/surface material samples collected and submitted for PCBs analysis (BH5, ~0-2 ft. bgs).

In LCS' experience, the concentrations of metals, SVOCs, and PCBs detected are not uncommon for these types of fill materials. In addition, it is possible that such surficial impacts (all samples were collected at depths of ~0-2 or 0-4 ft. bgs) resulted from the historic on-site operations; specifically, the storage of dismantled automotive parts/materials throughout the subject property.

Ash Material

Based on the laboratory results, no VOCs, SVOCs, or PCBs were detected at concentrations at or above the Part 375 SCOs for unrestricted use in the two samples of ash material collected and submitted for these analyses.

One metal (mercury) was detected at a concentration above the Eastern USA Background Concentrations and Part 375 SCOs for unrestricted use, but below commercial use, in one of the two samples of ash material collected and submitted for metals analysis (TP15, ~4-6 ft. bgs).

Cinder Material

Based on the laboratory results, the VOC acetone was detected at a concentration above the Part 375 SCOs for unrestricted use, but below commercial use, in two of the three samples of the cinders material collected and submitted for analysis (TP9, ~4-6 ft. bgs; and BH3, ~8-12 ft. bgs); however, acetone is a common laboratory contaminant and is short-lived in the environment.

Eight SVOCs were detected at concentrations above the Part 375 SCOs for unrestricted use in one of the three samples of cinders material collected and submitted for SVOCs analysis (TP9, ~4-6 ft. bgs); however, only the concentration of benzo(a)pyrene was above the Part 375 SCOs for commercial and industrial use.

Eight metals were collectively detected at concentrations above the Part 375 SCOs for unrestricted use in all three of the samples of cinders material collected and submitted for metals analysis. The following metals were detected at concentrations above the SCOs for commercial and/or industrial site use:

- Arsenic and lead in TP4, TP9, and BH3
- Barium in TP4 and TP9
- Cadmium and mercury in BH3

Lastly, aroclors were not detected at concentrations above the laboratory's method detection limits in any of the three samples of cinders material collected and submitted for analysis.

In LCS' experience, the concentrations of metals and SVOCs detected are not uncommon for these types of fill materials.

Native Clay

Based on the laboratory results, no VOCs, SVOCs, metals, or PCBs were detected at concentrations above the Part 375 SCOs for unrestricted site use in the samples of native clay collected and submitted for analysis. These samples were collected at the interface with the overlying fill materials.

Groundwater

Based on the analytical results, the VOC methyl tert butyl ether (MTBE) was detected at a concentration slightly above the NYSDEC Class GA Groundwater Criteria in the groundwater sample collected and submitted for analysis from TPMW3.

Numerous SVOCs were detected at concentrations above the NYSDEC Class GA Groundwater criteria in all of the groundwater samples collected and submitted for analysis; in LCS' experience, the concentrations of analytes detected are not uncommon on properties with a significant amount of fill materials.

Numerous metals were detected at concentrations above the NYSDEC Class GA Groundwater criteria in the groundwater samples collected and submitted for analysis from TPMW1 through TPMW4; however, such was likely due to the elevated turbidity in these samples. Once the sediment had been filtered from these samples, concentrations of all metals tested for were below these criteria. Sediment was not filtered out of the groundwater sample collected and submitted for analysis from TPMW5, as the turbidity of this sample was less than 10 NTU when collected in the field.

Lastly, total aroclors were detected at a concentration above the NYSDEC Class GA Groundwater Criteria in the groundwater sample collected and submitted for analysis from TPMW3.

Summary

Based on the analytical results, petroleum-impacted soil and groundwater at concentrations above commonly applied NYSDEC criteria exists over a portion of the eastern property, proximate to test pit TP20 and temporary groundwater monitoring well TPMW3. The extent and significance of the petroleum impact is not known.

Surficial fill materials (≤ 4 ft. bgs) in areas investigated contain metals and SVOCs at concentrations above commonly applied regulatory criteria for commercial and/or industrial site use. It is not clear if these exceedances are due to the historic on-site operations or are characteristic of the C&D fill material present within most of the test pits excavated.

Cinders fill material in areas investigated contain metals and SVOCs at concentrations above commonly applied regulatory criteria for commercial and/or industrial site use; in LCS' experience, these exceedances are likely characteristic to the cinders fill material. LCS observed this cinders fill material within most of the test pits completed.

Based on the analytical results, the samples of native clay submitted for laboratory analysis had not been impacted by the presence of the fill materials, or by historic on-site operations, at levels above commonly applied regulatory criteria for unrestricted site use.

Recommendations

Based on the investigation conducted, further investigation would be needed to identify the extent and significance of the chemical impact identified proximate to test pit TP20 and temporary groundwater monitoring well TPMW3.

In LCS' experience, the exceedances of SVOCs and metals in the fill samples submitted for analysis, and the relatively slight exceedances of SVOCs and aroclors in the groundwater samples submitted for analysis, are not uncommon on older, previously developed properties with industrial-type historic uses.

LCS recommends completing test pits and/or boreholes proximate to the two geophysical anomalies identified proximate to the existing building. In addition, the vent pipe should be further investigation; such would likely involve removal of concrete proximate to this vent pipe.

Lastly, as with any property, should impacted soils, groundwater, or USTs be encountered during intrusive work (i.e., site redevelopment, utility work, etc.,) such would require proper handling.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

Xxxx draft xxxx

Margaret A. Popek
Environmental Analyst

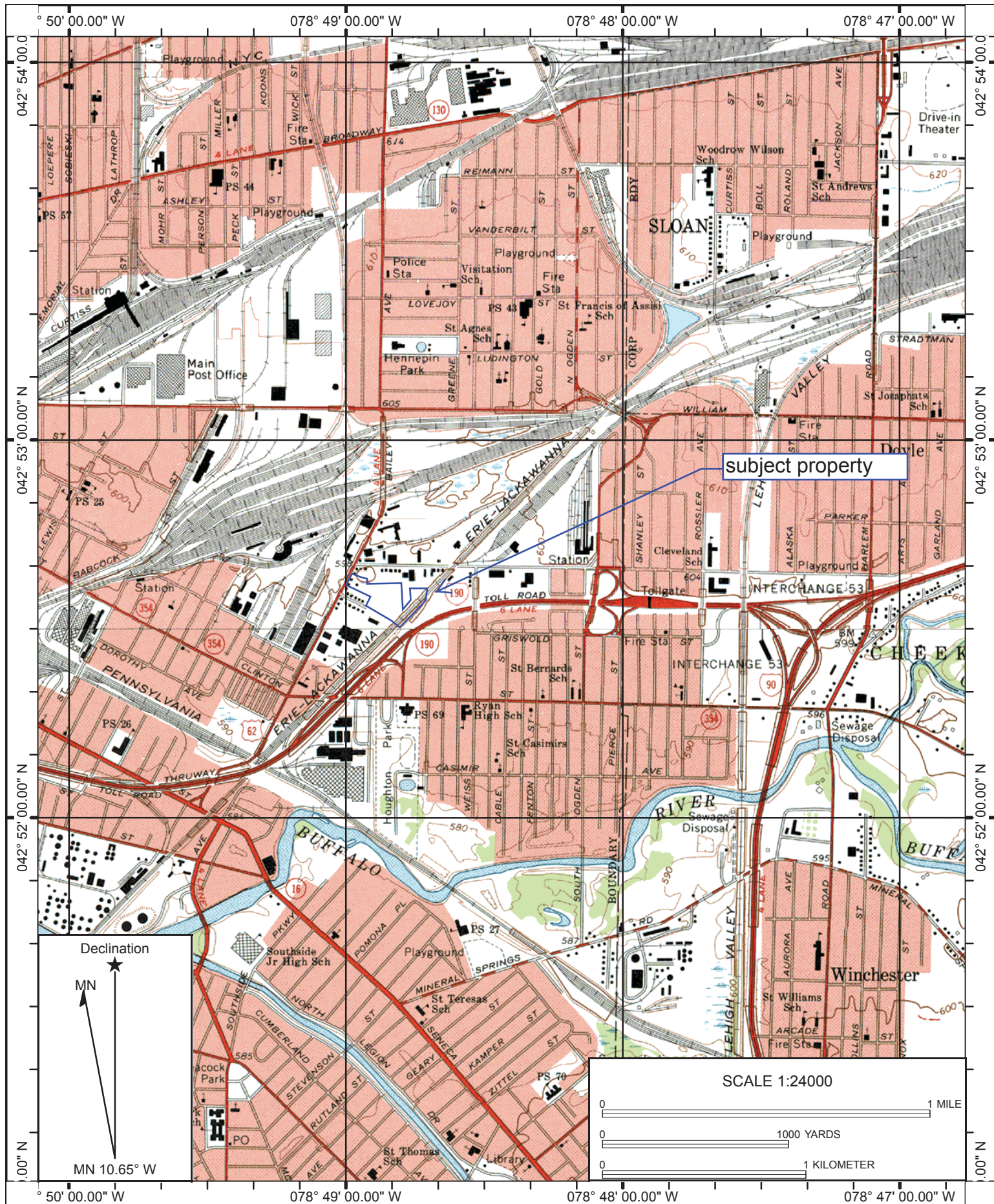
Reviewed by:

Xxxx draft xxxx

Douglas B. Reid
Sr. VP, Environmental Services
Sr. Environmental Scientist

DRAFT

SITE LOCATION MAP

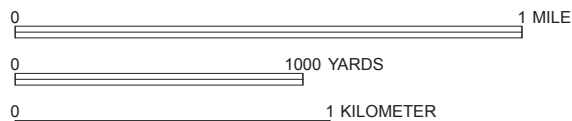


Declination

MN

MN 10.65° W

SCALE 1:24000



Name: BUFFALO NE
Date: 10/20/14
Scale: 1 inch = 2,000 ft.

Location: 042° 52' 33.20" N 078° 48' 26.28" W
Map Date: 1965

14B4334.22

DRAFT

SUBSURFACE INVESTIGATION MAP



ALL LOCATIONS ARE APPROXIMATE

FIGURE 2 - SITE INVESTIGATION PLAN 837 BAILEY AVENUE AND 79 DINGENS STREET BUFFALO, NEW YORK	Drawn by: MP
	Checked by: DBR
	0 100 200 Approximate Scale in Feet
LCS inc.	
LCS Project #14B4334.22	

DRAFT

SUBSURFACE LOGS

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP1
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~8 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.6	0-2	0-2 ft: Brown gravelly sand (medium, loose, moist) (metal)
2	0.0	2-4	2-8 ft: Brown clay (moderate plasticity, stiff, moist)
3	0.0	4-6	8-10 ft: Brown clay (high plasticity, soft, wet)

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~2 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP2
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~8 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.9	0-4	0-3 ft: Brown gravelly sand (medium, loose, moist) (red brick, glass)
2	0.0	4-6	3-8 ft: Brown clay (moderate plasticity, medium-stiff, moist)
3	0.1	6-8	8-10 ft: Brown clay (high plasticity, soft, wet)
4	0.0	8-10	

NOTES NA = Not Applicable Fill to ~3 ft. bgs
 ft. bgs = feet below ground surface No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP3
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~8 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-1 ft: Light brown sand (fine, loose, moist) (ash, rock, red brick)
2	0.0	2-4	1-2 ft: Light brown sand (fine, loose, moist) (ash, rock)
3	0.0	4-6	2-6 ft: Light brown-gray sand (fine, loose, moist) (ash)
4	0.0	6-8	6-10 ft: Black sand (fine, loose, moist to wet) (black cinders, metal)
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected



PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP5
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~8 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-2 ft: Light brown sand (fine, loose, moist) (red brick, glass)
2	0.0	2-4	2-4 ft: Light brown-gray sand (fine, loose, moist) (ash, intact glass bottles)
3	0.0	4-6	4-6 ft: Black sand (fine, loose, moist) (ash, black cinders, wood fragments)
4	0.0	6-8	6-10 ft: Brown clay (high plasticity, soft, moist to wet)
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~6 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP6
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-2 ft: Light brown sand (fine, loose, moist) (red brick, plastic, metal)
2	0.0	2-4	2-6 ft: Dark brown-gray sand (fine, loose, moist) (ash, rubber, intact glass bottles, black cinders)
3	0.0	4-6	6-10 ft: Brown clay (high plasticity, soft, wet)
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~6 ft. bgs
 No suspect odors detected



PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP8
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-4	0-6 ft: Dark brown sand (fine, loose, moist) (red brick, metal)
2	0.0	4-6	6-8 ft: Dark brown-gray sand (fine, loose, wet) (ash, intact glass bottles)
3	0.0	6-8	8-10 ft: Black sand (fine, loose, wet) (black cinders, wood fragments)
4	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP10
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~8 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-10 ft: Dark brown-gray sand (fine, loose, moist to wet) (ash, red brick)
2	0.0	2-4	
3	0.0	4-6	
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable Fill to ~10 ft. bgs
 ft. bgs = feet below ground surface No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP11
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-6 ft: Dark brown-gray sand (fine, loose, moist) (ash)
2	0.0	2-4	6-10 ft: Brown clay (high plasticity, soft, wet)
3	0.0	4-6	
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~6 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP12
 DATE STARTED: 1/27/2015 DATE COMPLETED: 1/27/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-4 ft: Dark brown sand (fine, loose, moist) (red brick, metal, rubber)
2	0.0	2-4	4-6 ft: Dark brown-gray sand (fine, loose, moist) (ash, red brick)
3	0.0	4-6	6-10 ft: Black sand (fine, loose, wet) (intact glass bottles, black cinders)
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	TEST PIT No.	TP13
DATE STARTED:	1/27/2015	DATE COMPLETED:	1/27/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE EXCAVATING:	~6 ft. bgs	AFTER COMPLETION:	NA
WEATHER:	~10° F, Sunny	EQUIPMENT:	Excavator
		EXCAVATOR:	TREC Environmental

[illegible]

Fill to ~10 ft. bgs

No suspect odors detected



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	TEST PIT No.	TP14
DATE STARTED:	1/27/2015	DATE COMPLETED:	1/27/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE EXCAVATING:	~6 ft. bgs	AFTER COMPLETION:	NA
WEATHER:	~10° F, Sunny	EQUIPMENT:	Excavator
		EXCAVATOR:	TREC Environmental

[illegible]

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~10 ft. bgs

No suspect odors detected



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	TEST PIT No.	TP15
DATE STARTED:	1/27/2015	DATE COMPLETED:	1/27/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE EXCAVATING:	~6 ft. bgs	AFTER COMPLETION:	NA
WEATHER:	~10° F, Sunny	EQUIPMENT:	Excavator
		EXCAVATOR:	TREC Environmental

[illegible]

Fill to ~10 ft. bgs

No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP16
 DATE STARTED: 1/28/2015 DATE COMPLETED: 1/28/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-4 ft: Dark brown sand (fine, loose, moist) (red brick, rock)
2	0.0	2-4	4-6 ft: Brown-gray sand (fine, loose, moist) (ash)
3	0.0	4-6	6-10 ft: Black sand (fine, loose, wet) (black cinders, intact glass bottles)
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP17
 DATE STARTED: 1/28/2015 DATE COMPLETED: 1/28/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-4 ft: Dark brown sand (fine, loose, moist) (red brick, glass)
2	0.0	2-4	4-6 ft: Brown-gray sand (fine, loose, moist) (ash)
3	0.0	4-6	6-9 ft: Brown-gray sand (fine, loose, wet) (ash, intact glass bottles)
4	0.0	6-8	9-10 ft: Black sand (fine, loose, wet) (black cinders)
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP18
 DATE STARTED: 1/28/2015 DATE COMPLETED: 1/28/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-2 ft: Brown sand (fine, loose, moist) (red brick, concrete blocks, rock)
2	0.0	2-4	2-4 ft: Brown sand (fine, loose, moist) (red brick)
3	0.0	4-6	4-6 ft: Rock, concrete blocks, and intact glass bottles
4	0.0	6-8	6-10 ft: Brown-gray sand (fine, loose, wet) (ash)
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP19
 DATE STARTED: 1/28/2015 DATE COMPLETED: 1/28/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-2 ft: Brown sand (fine, loose, moist) (red brick, concrete blocks, rock)
2	0.0	2-4	2-4 ft: Brown sand (fine, loose, moist) (red brick)
3	0.0	4-6	4-10 ft: Brown-gray sand (fine, loose, moist to wet) (ash, intact glass bottles)
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 No suspect odors detected

PROJECT/ LOCATION: 837 Bailey Avenue & 79 Dingens Street, Buffalo, New York PROJECT No. 14B4334.22
 CLIENT: Buffalo Truck Center Inc. TEST PIT No. TP20
 DATE STARTED: 1/28/2015 DATE COMPLETED: 1/28/2015 RECORDED BY: MP
 GROUNDWATER DEPTH WHILE EXCAVATING: ~6 ft. bgs AFTER COMPLETION: NA
 WEATHER: ~10° F, Sunny EQUIPMENT: Excavator EXCAVATOR: TREC Environmental

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	0-4 ft: Brown sand (fine, loose, moist) (red brick, concrete blocks) 4-10 ft: Brown-gray sand (fine, loose, moist) (ash, intact glass bottles)
2	0.0	2-4	
3	0.0	4-6	
4	0.0	6-8	
5	0.0	8-10	

NOTES NA = Not Applicable
 ft. bgs = feet below ground surface

Fill to ~10 ft. bgs
 Suspect petroleum-type odors detected at ~0-4 ft. bgs



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingsens Street, Buffalo, New York		PROJECT No.	14B4334.22	
CLIENT:	Buffalo Truck Center Inc.		BORING/WELL No.	BH1 / TPMW1	
DATE STARTED:	1/29/2015	DATE COMPLETED:	1/29/2015	RECORDED BY:	MP
GROUNDWATER DEPTH WHILE DRILLING:	~6 ft. bgs		AFTER COMPLETION:	5.52 ft. bgs	
WEATHER:	~10° F, Light Snow	DRILL RIG:	Geoprobe	DRILLER:	TREC Environmental
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER:	WEIGHT	NA	FALL NA

[illegible]

Fill to ~8 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingsens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	BORING/WELL No.	BH2 / TPMW2
DATE STARTED:	1/29/2015	DATE COMPLETED:	1/29/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE DRILLING:	~6 ft. bgs	AFTER COMPLETION:	5.26 ft. bgs
WEATHER:	~10° F, Light Snow	DRILL RIG:	Geoprobe
		DRILLER:	TREC Environmental
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER: WEIGHT	NA
		FALL	NA

[illegible]

Fill to ~8 ft. bgs

No suspect odors detected

Suspect petroleum-type sheen detected at ~6-8 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingsens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	BORING/WELL No.	BH3 / TPMW3
DATE STARTED:	1/29/2015	DATE COMPLETED:	1/29/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE DRILLING:	~8 ft. bgs	AFTER COMPLETION:	3.83 ft. bgs
WEATHER:	~10° F, Light Snow	DRILL RIG:	Geoprobe
		DRILLER:	TREC Environmental
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER:	WEIGHT NA FALL NA

[illegible]

Fill to ~12 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingsens Street, Buffalo, New York	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	BORING/WELL No.	BH4 / TPMW4
DATE STARTED:	1/29/2015	DATE COMPLETED:	1/29/2015
		RECORDED BY:	MP
GROUNDWATER DEPTH WHILE DRILLING:	~6 ft. bgs	AFTER COMPLETION:	4.53 ft. bgs
WEATHER:	~10° F, Light Snow	DRILL RIG:	Geoprobe
		DRILLER:	TREC Environmental
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER:	WEIGHT NA FALL NA

[illegible]

Fill to ~10 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE



PROJECT/ LOCATION:	837 Bailey Avenue & 79 Dingsens Street, Buffalo, New York		PROJECT No.	14B4334.22	
CLIENT:	Buffalo Truck Center Inc.		BORING/WELL No.	BH5 / TPMW5	
DATE STARTED:	1/29/2015	DATE COMPLETED:	1/29/2015	RECORDED BY:	MP
GROUNDWATER DEPTH WHILE DRILLING:	~6 ft. bgs		AFTER COMPLETION:	5.89 ft. bgs	
WEATHER:	~10° F, Light Snow	DRILL RIG:	Geoprobe	DRILLER:	TREC Environmental
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER:	WEIGHT	NA	FALL NA

[illegible]

Fill to ~8 ft. bgs

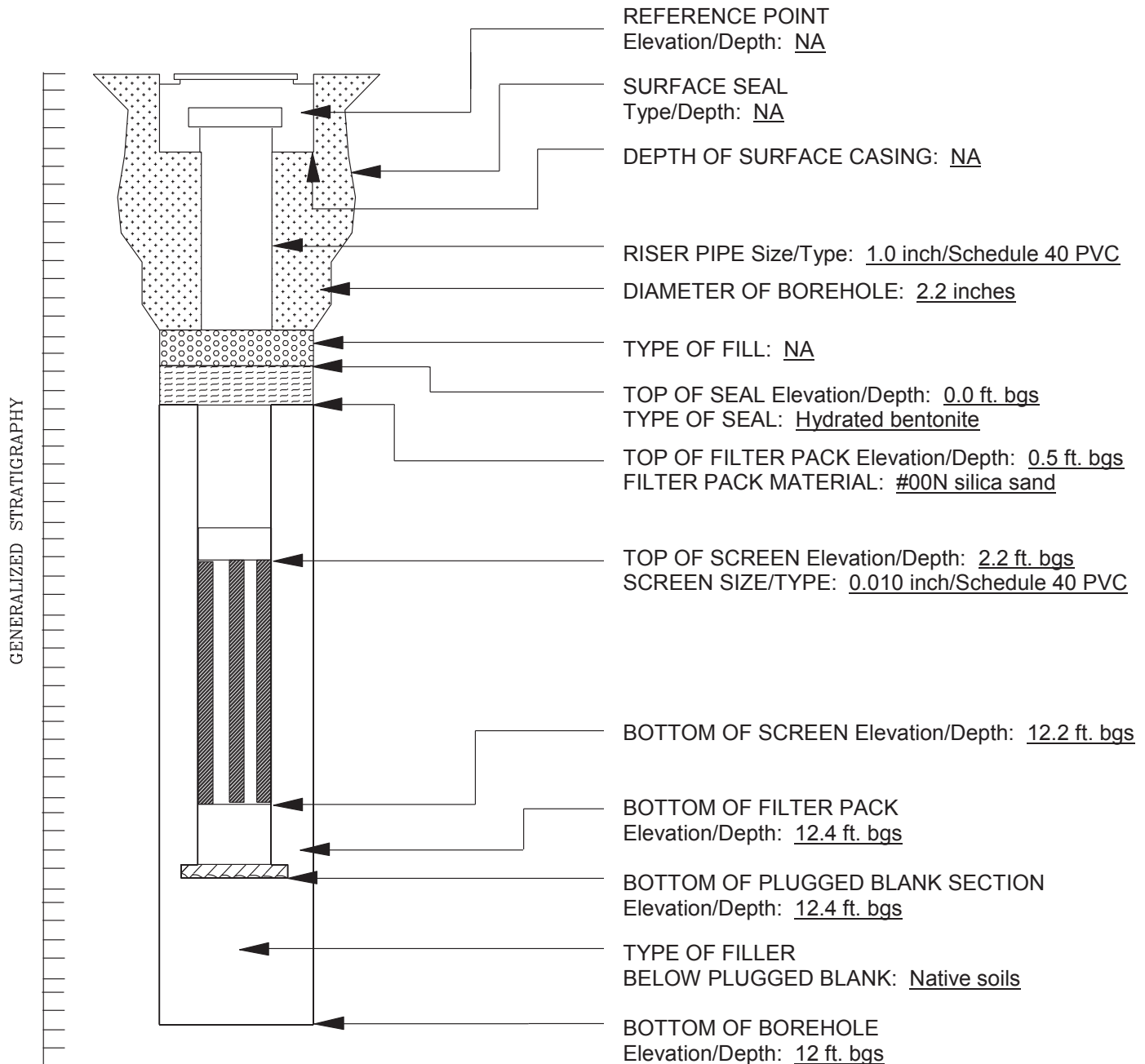
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

DRAFT

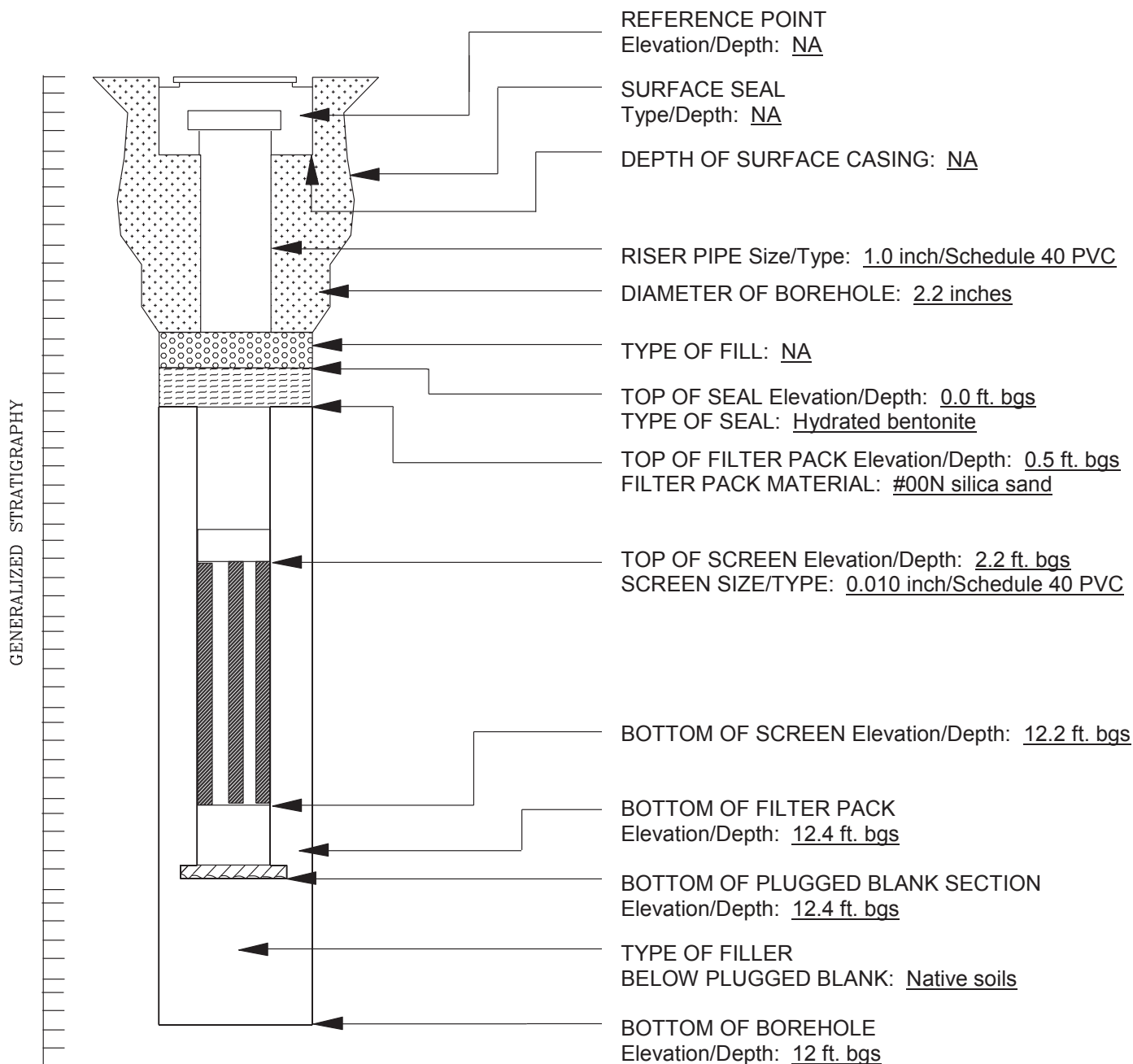
WELL CONSTRUCTION DIAGRAMS

PROJECT/LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, NY	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	WELL No.	TPMW1
DATE COMPLETED:	1/29/2015	SUPERVISED BY:	MP



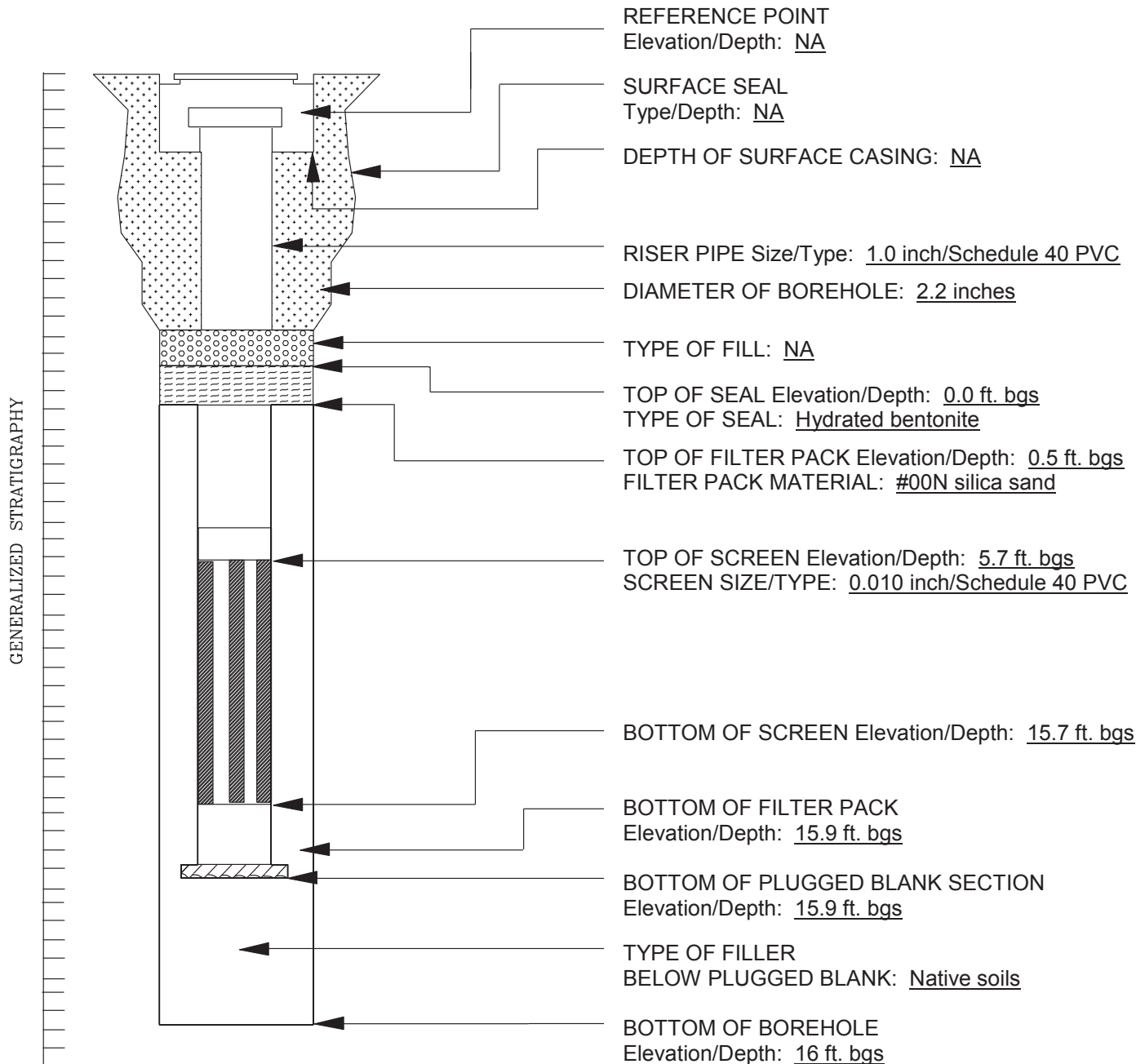
NOTES

PROJECT/LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, NY	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	WELL No.	TPMW2
DATE COMPLETED:	1/29/2015	SUPERVISED BY:	MP



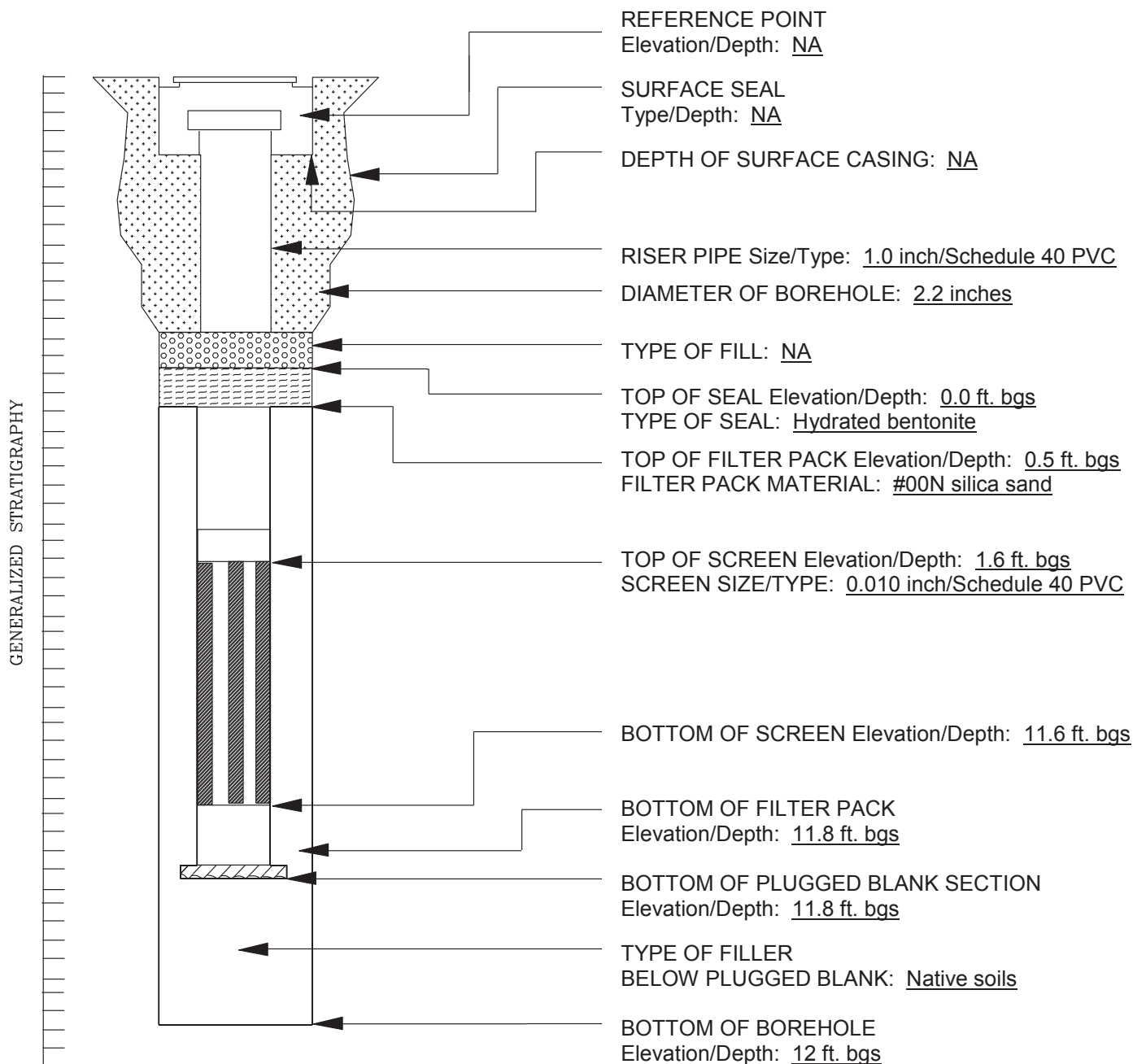
NOTES

PROJECT/LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, NY	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	WELL No.	TPMW3
DATE COMPLETED:	1/29/2015	SUPERVISED BY:	MP



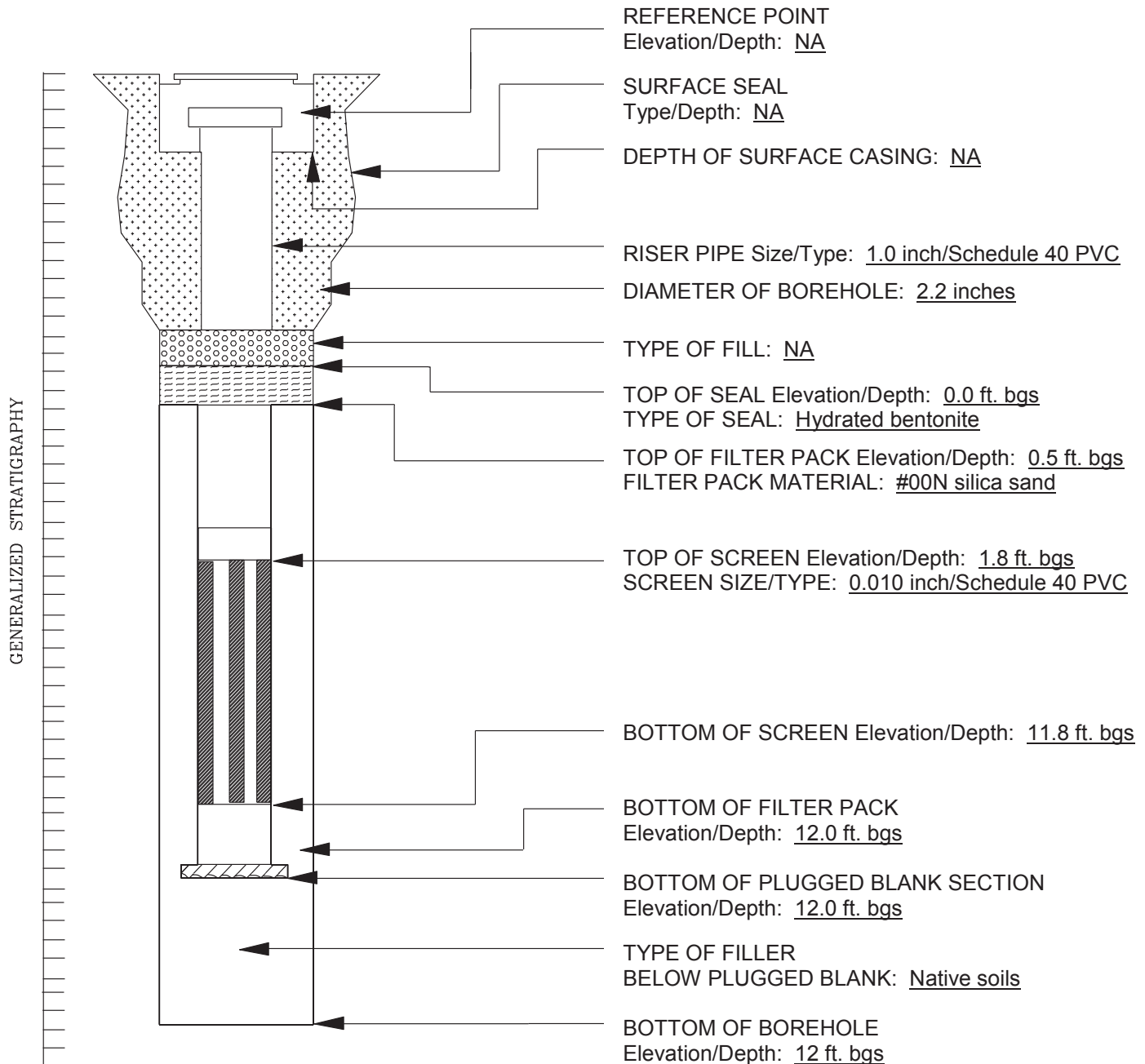
NOTES

PROJECT/LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, NY	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	WELL No.	TPMW4
DATE COMPLETED:	1/29/2015	SUPERVISED BY:	MP



NOTES

PROJECT/LOCATION:	837 Bailey Avenue & 79 Dingens Street, Buffalo, NY	PROJECT No.	14B4334.22
CLIENT:	Buffalo Truck Center Inc.	WELL No.	TPMW5
DATE COMPLETED:	1/29/2015	SUPERVISED BY:	MP



NOTES

DRAFT

GEOPHYSICAL REPORT



TREC Environmental Inc.

Technician: Jim Agar

Date: 1-26-15

Site Address: 837 Bailey Ave. and 79 Dingens St. Buffalo, NY

Contact Person: Jeff Rowley

Scope of Work: GPR scan

Type of Service:

- ☐ Fault Detection ☒ Utility Location/GPR
☐ Infrastructure Assessment ☐ Utility Mapping

Type of Equipment Used:

- ☒ Mala Easy Locator HDR ☐ SPX RD 7000

Marking Used:

- ☒ Paint ☐ Flags ☐ Chalk ☐ Updated Existing Maps ☐ Other

Instructions from Onsite Contact: Areas of interest were conveyed to technician for scanning

Notes: Snow cover and drifts in areas of investigation. Large amounts of metal debris on surface and shallow subsurface were noticed. Anomalies (2) were identified on Figure.

Information Relayed on site:

- ☒ Verbal ☐ GPR Photos ☐ Digital Photos ☐ Hand drawn Map

Reporting Options:

- ☒ Letter Report
☐ Comprehensive Report

TREC will guarantee the accuracy of utility markings only when subsurface utility location methods are used which meet the ASCE's *Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data* CI/ASCE 38-02, Quality Level A. This process exposes subsurface utility systems to confirm location, size and identity.



Google earth

feet
meters

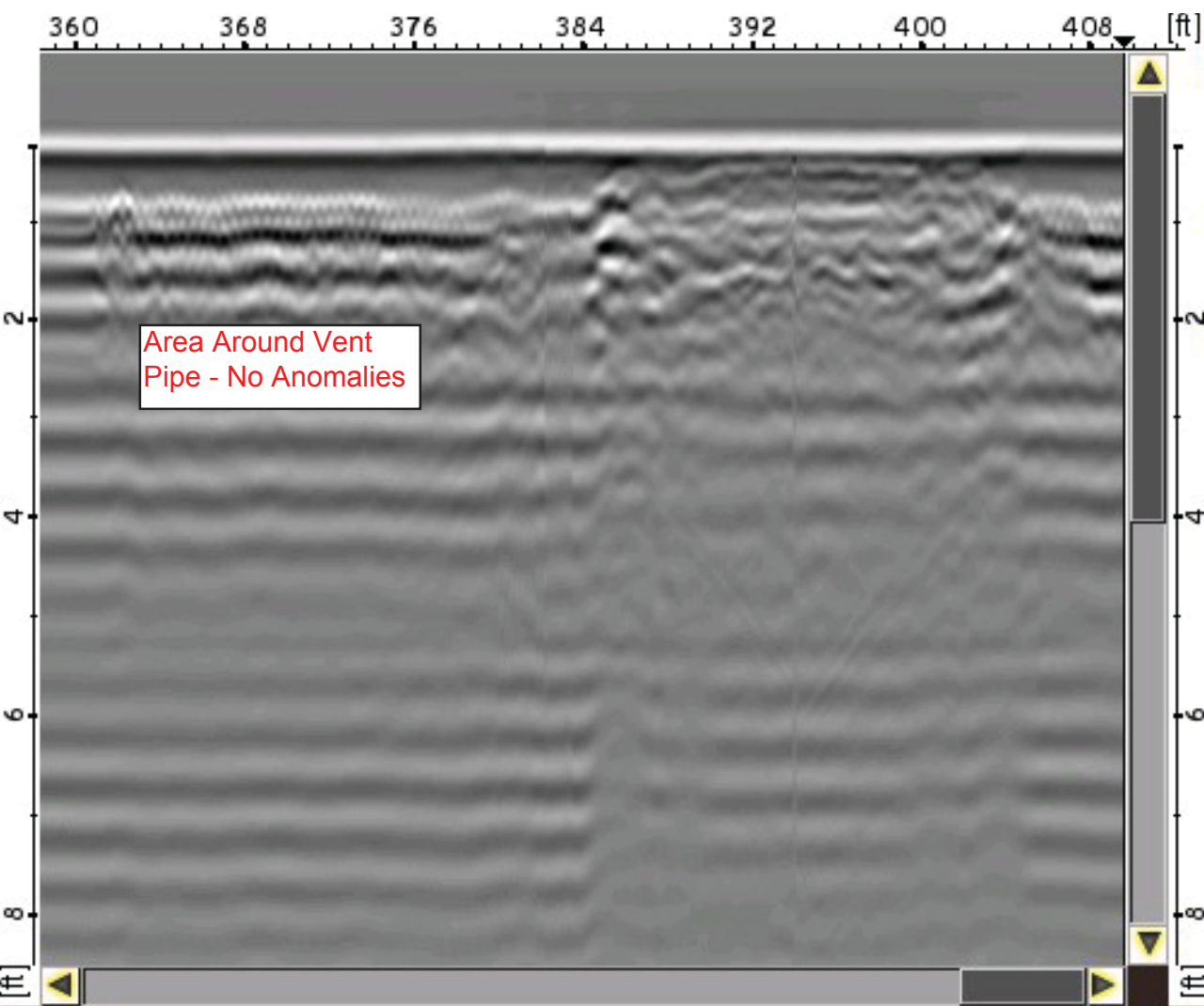
200

80



— Area scanned

□ Anomaly



Control panel with various icons and buttons:

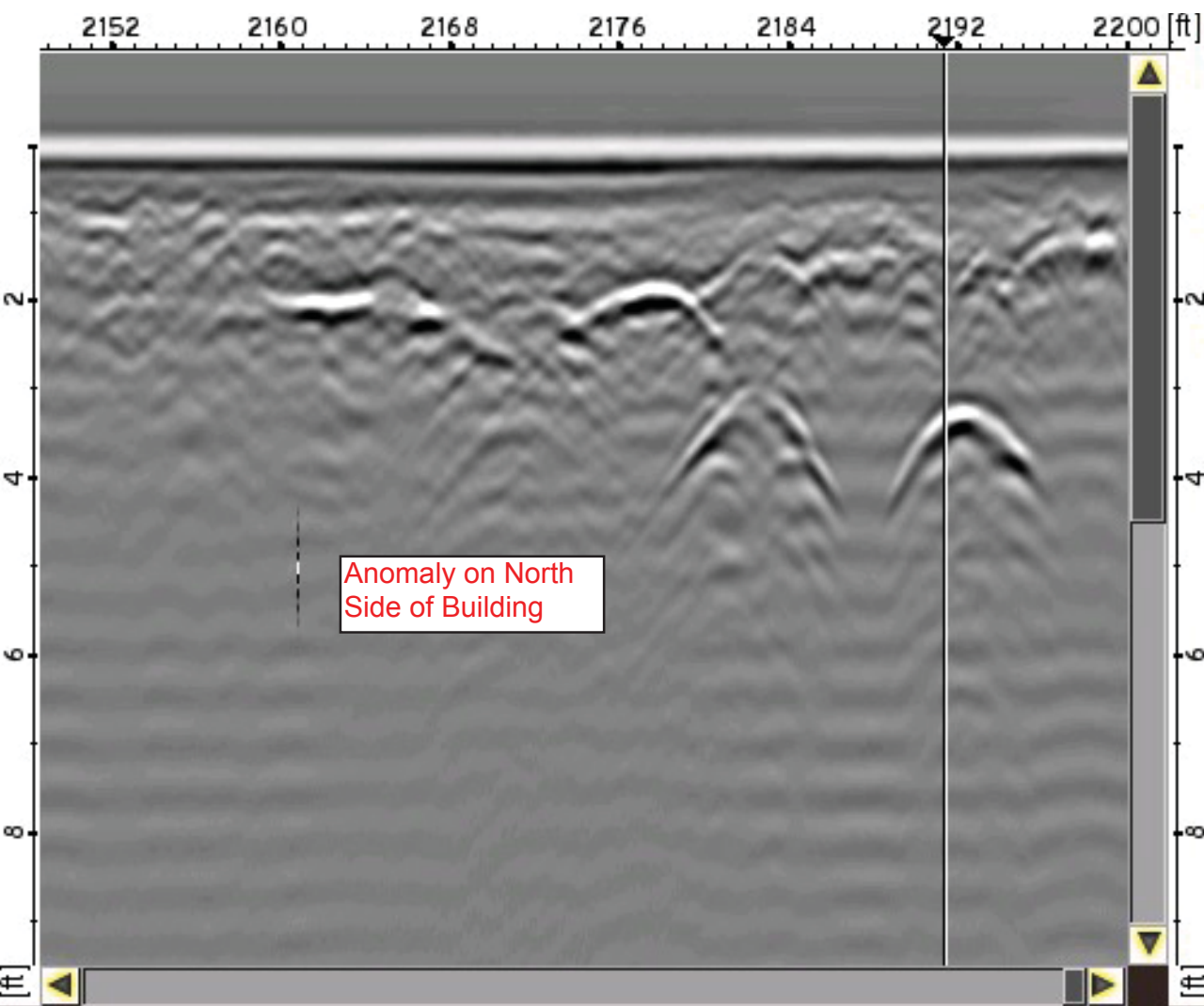
- Top row: A red circle with a crosshair icon, a color calibration bar (red, yellow, green, black), and a yellow square icon.
- Second row: A red button with a yellow square icon and the text "Stop".
- Third row: A red button with a yellow circle icon containing a black dot, highlighted with a yellow border.
- Fourth row: A red button with a yellow arc icon.
- Fifth row: A red button with the text "GPS Marker".
- Sixth row: A red button with a yellow square icon containing a black crosshair.
- Seventh row: A red button with a yellow icon of a document with a red 'X' and a black triangle.
- Eighth row: A red button with a yellow icon of a circle with a black dot and a black triangle.
- Ninth row: A red button with a yellow icon of a document with a red 'X' and a black triangle.

File: 150126_090740.jpg NO COORDINATES

Soil: 268 ft/ μ s

Antenna: HDR-Mid MI

Trigger type: RTC Forward



Stop

GPS Marker

Stop

GPS Marker

Stop

GPS Marker

Stop

GPS Marker

Stop

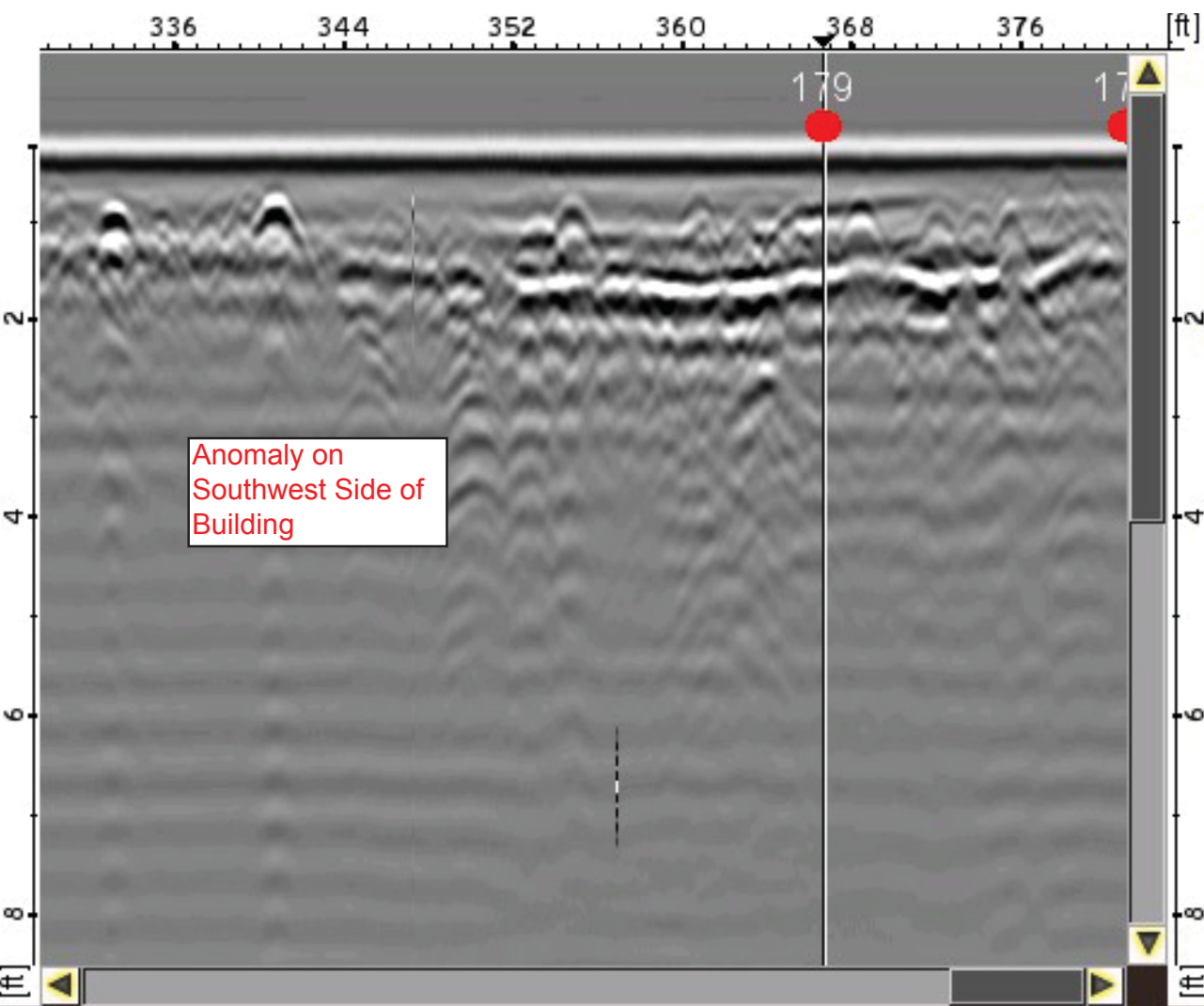
GPS Marker

File: 150126_093642.jpg NO COORDINATES

Soil: 300 ft/ μ s

Antenna: HDR-Mid MI

Trigger type: RTC Forward



Stop

GPS Marker

179

17

2

4

6

8

(ft)

File: 150126_091826.jpg 42.87693567N 78.81633300W

Soil: 268 ft/ μ s

Antenna: HDR-Mid MI

Trigger type: RTC Forward

DRAFT

ANALYTICAL RESULTS



02/09/15

Technical Report for

Lender Consulting Services, Inc.

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

14B4334.22

Accutest Job Number: MC36643

Sampling Dates: 01/27/15 - 01/28/15

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **103**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC36643

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Project No: 14B4334.22

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
MC36643-1	01/27/15	10:10 MP	01/29/15	SO	Soil	TP4 6-8
MC36643-2	01/27/15	12:00 MP	01/29/15	SO	Soil	TP9 4-6
MC36643-3	01/27/15	15:00 MP	01/29/15	SO	Soil	TP15 4-6
MC36643-4	01/28/15	09:00 MP	01/29/15	SO	Soil	TP16 4-6
MC36643-5	01/28/15	10:00 MP	01/29/15	SO	Soil	TP19 0-4
MC36643-6	01/28/15	10:20 MP	01/29/15	SO	Soil	TP20 0-4
MC36643-7	01/27/15	14:30 MP	01/29/15	SO	Soil	TP14 0-4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 6

Job Number: MC36643

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/27/15 thru 01/28/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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MC36643-1 TP4 6-8

Benzene	2.4	0.81	0.55	ug/kg	SW846 8260C
Carbon disulfide	12.0	8.1	0.21	ug/kg	SW846 8260C
p-Isopropyltoluene	0.43 J	8.1	0.28	ug/kg	SW846 8260C
Methyl Tert Butyl Ether	0.75 J	3.3	0.30	ug/kg	SW846 8260C
Naphthalene	0.72 J	8.1	0.64	ug/kg	SW846 8260C
Toluene	2.0 J	8.1	0.33	ug/kg	SW846 8260C
m,p-Xylene	1.2 J	3.3	0.71	ug/kg	SW846 8260C
Xylene (total)	1.2 J	3.3	0.36	ug/kg	SW846 8260C
3&4-Methylphenol	136 J	730	35	ug/kg	SW846 8270D
Acenaphthene	66.1 J	150	19	ug/kg	SW846 8270D
Acenaphthylene	29.7 J	150	15	ug/kg	SW846 8270D
Anthracene	116 J	150	18	ug/kg	SW846 8270D
Benzo(a)anthracene	313	150	19	ug/kg	SW846 8270D
Benzo(a)pyrene	301	150	16	ug/kg	SW846 8270D
Benzo(b)fluoranthene	226	150	18	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	175	150	15	ug/kg	SW846 8270D
Benzo(k)fluoranthene	257	150	22	ug/kg	SW846 8270D
Carbazole	61.3 J	150	17	ug/kg	SW846 8270D
Chrysene	357	150	18	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene	59.7 J	150	17	ug/kg	SW846 8270D
Dibenzofuran	38.9 J	150	20	ug/kg	SW846 8270D
Fluoranthene	837	150	20	ug/kg	SW846 8270D
Fluorene	75.9 J	150	19	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene	138 J	150	16	ug/kg	SW846 8270D
2-Methylnaphthalene	29.9 J	150	18	ug/kg	SW846 8270D
Naphthalene	73.7 J	150	23	ug/kg	SW846 8270D
Phenanthrene	817	150	20	ug/kg	SW846 8270D
Pyrene	857	150	17	ug/kg	SW846 8270D
Arsenic	24.1	1.2	0.24	mg/kg	SW846 6010C
Barium	1010	6.2	0.066	mg/kg	SW846 6010C
Cadmium	1.1	0.49	0.029	mg/kg	SW846 6010C
Chromium	21.4	1.2	0.073	mg/kg	SW846 6010C
Lead	6290	12	2.8	mg/kg	SW846 6010C
Mercury	1.4	0.049	0.012	mg/kg	SW846 7471B
Selenium	6.6	1.2	0.31	mg/kg	SW846 6010C
Silver	0.37 B	0.62	0.053	mg/kg	SW846 6010C

MC36643-2 TP9 4-6

Acetone	69.2	19	5.2	ug/kg	SW846 8260C
Benzene	2.1	0.94	0.63	ug/kg	SW846 8260C
Carbon disulfide	4.3 J	9.4	0.25	ug/kg	SW846 8260C
Methyl Tert Butyl Ether	3.8	3.7	0.34	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC36643
Account: Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Collected: 01/27/15 thru 01/28/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Toluene		1.8 J	9.4	0.39	ug/kg	SW846 8260C
3&4-Methylphenol		521 J	1100	53	ug/kg	SW846 8270D
Acenaphthene		323	220	29	ug/kg	SW846 8270D
Acenaphthylene		54.3 J	220	22	ug/kg	SW846 8270D
Anthracene		710	220	26	ug/kg	SW846 8270D
Benzo(a)anthracene		1880	220	28	ug/kg	SW846 8270D
Benzo(a)pyrene		1820	220	23	ug/kg	SW846 8270D
Benzo(b)fluoranthene		1490	220	27	ug/kg	SW846 8270D
Benzo(g,h,i)perylene		1160	220	22	ug/kg	SW846 8270D
Benzo(k)fluoranthene		1540	220	33	ug/kg	SW846 8270D
Carbazole		474	220	26	ug/kg	SW846 8270D
Chrysene		1930	220	27	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene		400	220	26	ug/kg	SW846 8270D
Dibenzofuran		162 J	220	30	ug/kg	SW846 8270D
Fluoranthene		4550	220	30	ug/kg	SW846 8270D
Fluorene		271	220	29	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		1120	220	24	ug/kg	SW846 8270D
2-Methylnaphthalene		143 J	220	28	ug/kg	SW846 8270D
Naphthalene		201 J	220	35	ug/kg	SW846 8270D
Phenanthrene		2950	220	29	ug/kg	SW846 8270D
Pyrene		3950	220	25	ug/kg	SW846 8270D
Arsenic		32.5	1.7	0.33	mg/kg	SW846 6010C
Barium		1350	8.4	0.090	mg/kg	SW846 6010C
Cadmium		2.9	0.67	0.040	mg/kg	SW846 6010C
Chromium		45.6	1.7	0.10	mg/kg	SW846 6010C
Lead		4440	17	3.8	mg/kg	SW846 6010C
Mercury		2.4	0.14	0.033	mg/kg	SW846 7471B
Selenium		2.4	1.7	0.42	mg/kg	SW846 6010C
Silver		10.6	0.84	0.073	mg/kg	SW846 6010C

MC36643-3 TP15 4-6

Benzene	1.9	0.96	0.65	ug/kg	SW846 8260C
Toluene	11.9	9.6	0.39	ug/kg	SW846 8260C
Benzo(a)anthracene	23.3 J	170	22	ug/kg	SW846 8270D
Benzo(a)pyrene	23.4 J	170	18	ug/kg	SW846 8270D
Chrysene	23.3 J	170	21	ug/kg	SW846 8270D
Fluoranthene	46.3 J	170	23	ug/kg	SW846 8270D
Phenanthrene	34.1 J	170	23	ug/kg	SW846 8270D
Pyrene	40.1 J	170	20	ug/kg	SW846 8270D
Arsenic	10.2	1.3	0.26	mg/kg	SW846 6010C
Barium	130	6.6	0.070	mg/kg	SW846 6010C
Cadmium	0.42 B	0.52	0.031	mg/kg	SW846 6010C
Chromium	11.6	1.3	0.078	mg/kg	SW846 6010C
Lead	210	1.3	0.30	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC36643
Account: Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Collected: 01/27/15 thru 01/28/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Mercury		0.37	0.054	0.013	mg/kg	SW846 7471B
Selenium		0.97 B	1.3	0.32	mg/kg	SW846 6010C
Silver		0.12 B	0.66	0.057	mg/kg	SW846 6010C

MC36643-4 TP16 4-6

Benzene	8.1	1.0	0.70	ug/kg	SW846 8260C
Ethylbenzene	6.0	4.2	1.4	ug/kg	SW846 8260C
n-Propylbenzene	1.1 J	10	0.32	ug/kg	SW846 8260C
Toluene	17.4	10	0.43	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	9.0 J	10	3.0	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	3.5 J	10	3.2	ug/kg	SW846 8260C
m,p-Xylene	31.9	4.2	0.92	ug/kg	SW846 8260C
o-Xylene	17.4	4.2	0.59	ug/kg	SW846 8260C
Xylene (total)	49.3	4.2	0.46	ug/kg	SW846 8260C
Benzo(a)anthracene	33.5 J	150	20	ug/kg	SW846 8270D
Benzo(a)pyrene	30.6 J	150	17	ug/kg	SW846 8270D
Benzo(b)fluoranthene	25.5 J	150	19	ug/kg	SW846 8270D
Benzo(g,h,i)perylene	18.2 J	150	15	ug/kg	SW846 8270D
Benzo(k)fluoranthene	29.0 J	150	23	ug/kg	SW846 8270D
Chrysene	35.3 J	150	19	ug/kg	SW846 8270D
Fluoranthene	74.1 J	150	21	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene	17.1 J	150	17	ug/kg	SW846 8270D
Phenanthrene	60.5 J	150	21	ug/kg	SW846 8270D
Pyrene	61.5 J	150	18	ug/kg	SW846 8270D
Arsenic	5.4	1.3	0.25	mg/kg	SW846 6010C
Barium	131	6.4	0.068	mg/kg	SW846 6010C
Cadmium	0.54	0.51	0.030	mg/kg	SW846 6010C
Chromium	10.7	1.3	0.076	mg/kg	SW846 6010C
Lead	240	1.3	0.29	mg/kg	SW846 6010C
Mercury	0.041 B	0.051	0.012	mg/kg	SW846 7471B

MC36643-5 TP19 0-4

Benzene	2.3	0.76	0.51	ug/kg	SW846 8260C
Carbon disulfide	1.0 J	7.6	0.20	ug/kg	SW846 8260C
Methyl Tert Butyl Ether	4.4	3.0	0.28	ug/kg	SW846 8260C
Naphthalene	1.0 J	7.6	0.60	ug/kg	SW846 8260C
Toluene	1.3 J	7.6	0.31	ug/kg	SW846 8260C
m,p-Xylene	0.70 J	3.0	0.67	ug/kg	SW846 8260C
Xylene (total)	0.70 J	3.0	0.33	ug/kg	SW846 8260C
Acenaphthene	1080	670	89	ug/kg	SW846 8270D
Acenaphthylene	1060	670	67	ug/kg	SW846 8270D
Anthracene	3200	670	80	ug/kg	SW846 8270D
Benzo(a)anthracene	10900	670	86	ug/kg	SW846 8270D

Summary of Hits

Job Number: MC36643
Account: Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Collected: 01/27/15 thru 01/28/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Benzo(a)pyrene		10600	670	72	ug/kg	SW846 8270D
Benzo(b)fluoranthene		8370	670	83	ug/kg	SW846 8270D
Benzo(g,h,i)perylene		5920	670	66	ug/kg	SW846 8270D
Benzo(k)fluoranthene		8350	670	100	ug/kg	SW846 8270D
Carbazole		2590	670	79	ug/kg	SW846 8270D
Chrysene		11900	670	83	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene		2120	670	79	ug/kg	SW846 8270D
Dibenzofuran		1680	670	92	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate		130 J	1700	62	ug/kg	SW846 8270D
Fluoranthene		29200	670	91	ug/kg	SW846 8270D
Fluorene		2160	670	88	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		6030	670	74	ug/kg	SW846 8270D
2-Methylnaphthalene		732	670	84	ug/kg	SW846 8270D
Naphthalene		2010	670	110	ug/kg	SW846 8270D
Phenanthrene		23000	670	90	ug/kg	SW846 8270D
Pyrene		24300	670	78	ug/kg	SW846 8270D
Aroclor 1254		39.6 J	45	20	ug/kg	SW846 8082A
Arsenic		55.5	1.2	0.23	mg/kg	SW846 6010C
Barium		656	5.9	0.063	mg/kg	SW846 6010C
Cadmium		3.0	0.47	0.028	mg/kg	SW846 6010C
Chromium		33.2	1.2	0.070	mg/kg	SW846 6010C
Lead		805	1.2	0.27	mg/kg	SW846 6010C
Mercury		0.95	0.046	0.011	mg/kg	SW846 7471B
Selenium		3.7	1.2	0.29	mg/kg	SW846 6010C
Silver ^a		0.64 B	1.2	0.10	mg/kg	SW846 6010C

MC36643-6 TP20 0-4

Benzene	889	120	80	ug/kg	SW846 8260C
Isopropylbenzene	137 J	1200	40	ug/kg	SW846 8260C
Methyl Tert Butyl Ether	180 J	480	43	ug/kg	SW846 8260C
n-Propylbenzene	291 J	1200	36	ug/kg	SW846 8260C
Toluene	259 J	1200	49	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	524 J	1200	340	ug/kg	SW846 8260C
m,p-Xylene	1140	480	100	ug/kg	SW846 8260C
o-Xylene	160 J	480	67	ug/kg	SW846 8260C
Xylene (total)	1300	480	52	ug/kg	SW846 8260C
Acenaphthene ^a	258 J	620	83	ug/kg	SW846 8270D
Acenaphthylene ^a	290 J	620	62	ug/kg	SW846 8270D
Anthracene ^a	869	620	74	ug/kg	SW846 8270D
Benzo(a)anthracene ^a	3140	620	80	ug/kg	SW846 8270D
Benzo(a)pyrene ^a	3220	620	66	ug/kg	SW846 8270D
Benzo(b)fluoranthene ^a	2610	620	77	ug/kg	SW846 8270D
Benzo(g,h,i)perylene ^a	1800	620	62	ug/kg	SW846 8270D
Benzo(k)fluoranthene ^a	2430	620	93	ug/kg	SW846 8270D

Summary of Hits

Job Number: MC36643
Account: Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Collected: 01/27/15 thru 01/28/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Carbazole ^a		322 J	620	73	ug/kg	SW846 8270D
Chrysene ^a		3170	620	77	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene ^a		730	620	74	ug/kg	SW846 8270D
Dibenzofuran ^a		193 J	620	85	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate ^a		179 J	1500	57	ug/kg	SW846 8270D
Fluoranthene ^a		6010	620	85	ug/kg	SW846 8270D
Fluorene ^a		321 J	620	82	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene ^a		1770	620	68	ug/kg	SW846 8270D
2-Methylnaphthalene ^a		214 J	620	78	ug/kg	SW846 8270D
Naphthalene ^a		274 J	620	99	ug/kg	SW846 8270D
Phenanthrene ^a		3610	620	84	ug/kg	SW846 8270D
Pyrene ^a		5760	620	72	ug/kg	SW846 8270D
Aroclor 1260		18.5 J	43	16	ug/kg	SW846 8082A
Arsenic		17.4	1.0	0.20	mg/kg	SW846 6010C
Barium		166	5.2	0.056	mg/kg	SW846 6010C
Cadmium		1.5	0.42	0.025	mg/kg	SW846 6010C
Chromium		20.0	1.0	0.062	mg/kg	SW846 6010C
Lead		611	1.0	0.23	mg/kg	SW846 6010C
Mercury		0.42	0.040	0.0096	mg/kg	SW846 7471B
Silver		0.33 B	0.52	0.045	mg/kg	SW846 6010C

MC36643-7 TP14 0-4

Benzene	11.8	0.56	0.38	ug/kg	SW846 8260C
Carbon disulfide	2.6 J	5.6	0.15	ug/kg	SW846 8260C
Ethylbenzene	1.5 J	2.2	0.77	ug/kg	SW846 8260C
Naphthalene	0.67 J	5.6	0.44	ug/kg	SW846 8260C
Toluene	16.0	5.6	0.23	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	5.2 J	5.6	1.6	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	2.3 J	5.6	1.7	ug/kg	SW846 8260C
m,p-Xylene	12.4	2.2	0.49	ug/kg	SW846 8260C
o-Xylene	5.8	2.2	0.32	ug/kg	SW846 8260C
Xylene (total)	18.3	2.2	0.25	ug/kg	SW846 8260C
Acenaphthylene ^a	64.0 J	550	55	ug/kg	SW846 8270D
Anthracene ^a	122 J	550	67	ug/kg	SW846 8270D
Benzo(a)anthracene ^a	502 J	550	71	ug/kg	SW846 8270D
Benzo(a)pyrene ^a	537 J	550	60	ug/kg	SW846 8270D
Benzo(b)fluoranthene ^a	521 J	550	69	ug/kg	SW846 8270D
Benzo(g,h,i)perylene ^a	409 J	550	55	ug/kg	SW846 8270D
Benzo(k)fluoranthene ^a	478 J	550	84	ug/kg	SW846 8270D
Carbazole ^a	85.0 J	550	65	ug/kg	SW846 8270D
Chrysene ^a	602	550	69	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene ^a	141 J	550	66	ug/kg	SW846 8270D
Fluoranthene ^a	932	550	76	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene ^a	353 J	550	61	ug/kg	SW846 8270D

Summary of Hits

Page 6 of 6

Job Number: MC36643

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/27/15 thru 01/28/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
2-Methylnaphthalene ^a		161 J	550	70	ug/kg	SW846 8270D
Naphthalene ^a		115 J	550	89	ug/kg	SW846 8270D
Phenanthrene ^a		518 J	550	75	ug/kg	SW846 8270D
Pyrene ^a		785	550	65	ug/kg	SW846 8270D
Arsenic		14.0	0.95	0.18	mg/kg	SW846 6010C
Barium		319	4.7	0.051	mg/kg	SW846 6010C
Cadmium		0.81	0.38	0.023	mg/kg	SW846 6010C
Chromium		14.0	0.95	0.056	mg/kg	SW846 6010C
Lead		476	0.95	0.21	mg/kg	SW846 6010C
Mercury		0.45	0.037	0.0088	mg/kg	SW846 7471B
Selenium		0.29 B	0.95	0.23	mg/kg	SW846 6010C
Silver		0.047 B	0.47	0.041	mg/kg	SW846 6010C

(a) Elevated RL due to dilution required for matrix interference.

Sample Results

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Client Sample ID:	TP4 6-8	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-1	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	67.1
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71409.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	4.58 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	16	4.6	ug/kg	
71-43-2	Benzene	2.4	0.81	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	3.3	0.34	ug/kg	
75-25-2	Bromoform	ND	3.3	0.58	ug/kg	
74-83-9	Bromomethane	ND	3.3	0.98	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	8.1	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	8.1	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	8.1	0.34	ug/kg	
75-15-0	Carbon disulfide	12.0	8.1	0.21	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.3	0.36	ug/kg	
108-90-7	Chlorobenzene	ND	3.3	0.26	ug/kg	
75-00-3	Chloroethane	ND	8.1	1.2	ug/kg	
67-66-3	Chloroform	ND	3.3	0.28	ug/kg	
74-87-3	Chloromethane	ND	8.1	0.92	ug/kg	
124-48-1	Dibromochloromethane	ND	3.3	0.53	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.56	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.3	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.3	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.3	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.3	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.3	0.68	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	3.3	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.3	0.68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	0.43	ug/kg	
100-41-4	Ethylbenzene	ND	3.3	1.1	ug/kg	
591-78-6	2-Hexanone	ND	16	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	8.1	0.27	ug/kg	
99-87-6	p-Isopropyltoluene	0.43	8.1	0.28	ug/kg	J

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP4 6-8	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-1	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	67.1
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	0.75	3.3	0.30	ug/kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	8.1	0.88	ug/kg	
75-09-2	Methylene chloride	ND	3.3	0.86	ug/kg	
91-20-3	Naphthalene	0.72	8.1	0.64	ug/kg	J
103-65-1	n-Propylbenzene	ND	8.1	0.25	ug/kg	
100-42-5	Styrene	ND	8.1	0.28	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	0.64	ug/kg	
127-18-4	Tetrachloroethene	ND	3.3	0.51	ug/kg	
108-88-3	Toluene	2.0	8.1	0.33	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	8.1	0.69	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.1	0.83	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	8.1	0.69	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.3	0.35	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.3	0.93	ug/kg	
79-01-6	Trichloroethene	ND	3.3	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	8.1	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	8.1	2.5	ug/kg	
75-01-4	Vinyl chloride	ND	3.3	1.5	ug/kg	
	m,p-Xylene	1.2	3.3	0.71	ug/kg	J
95-47-6	o-Xylene	ND	3.3	0.46	ug/kg	
1330-20-7	Xylene (total)	1.2	3.3	0.36	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		63-139%
2037-26-5	Toluene-D8	94%		61-136%
460-00-4	4-Bromofluorobenzene	96%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP4 6-8	
Lab Sample ID:	MC36643-1	Date Sampled: 01/27/15
Matrix:	SO - Soil	Date Received: 01/29/15
Method:	SW846 8270D SW846 3546	Percent Solids: 67.1
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05616.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	360	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	730	18	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	730	21	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	730	120	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1500	180	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	91	ug/kg	
95-48-7	2-Methylphenol	ND	730	29	ug/kg	
	3&4-Methylphenol	136	730	35	ug/kg	J
88-75-5	2-Nitrophenol	ND	730	19	ug/kg	
100-02-7	4-Nitrophenol	ND	1500	140	ug/kg	
87-86-5	Pentachlorophenol	ND	730	51	ug/kg	
108-95-2	Phenol	ND	360	21	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	730	18	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	730	18	ug/kg	
83-32-9	Acenaphthene	66.1	150	19	ug/kg	J
208-96-8	Acenaphthylene	29.7	150	15	ug/kg	J
120-12-7	Anthracene	116	150	18	ug/kg	J
56-55-3	Benzo(a)anthracene	313	150	19	ug/kg	
50-32-8	Benzo(a)pyrene	301	150	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	226	150	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	175	150	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	257	150	22	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	360	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	360	15	ug/kg	
91-58-7	2-Chloronaphthalene	ND	360	20	ug/kg	
106-47-8	4-Chloroaniline	ND	730	18	ug/kg	
86-74-8	Carbazole	61.3	150	17	ug/kg	J
218-01-9	Chrysene	357	150	18	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	360	17	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	360	22	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	360	26	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	360	22	ug/kg	

ND = Not detected MDL = Method Detection Limit

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Client Sample ID:	TP4 6-8	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-1	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	67.1
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	730	49	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	730	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	360	36	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	59.7	150	17	ug/kg	J
132-64-9	Dibenzofuran	38.9	150	20	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	360	39	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	360	11	ug/kg	
84-66-2	Diethyl phthalate	ND	360	18	ug/kg	
131-11-3	Dimethyl phthalate	ND	360	21	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	360	13	ug/kg	
206-44-0	Fluoranthene	837	150	20	ug/kg	
86-73-7	Fluorene	75.9	150	19	ug/kg	J
118-74-1	Hexachlorobenzene	ND	360	23	ug/kg	
87-68-3	Hexachlorobutadiene	ND	360	21	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	730	180	ug/kg	
67-72-1	Hexachloroethane	ND	360	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	138	150	16	ug/kg	J
78-59-1	Isophorone	ND	360	17	ug/kg	
91-57-6	2-Methylnaphthalene	29.9	150	18	ug/kg	J
88-74-4	2-Nitroaniline	ND	730	18	ug/kg	
99-09-2	3-Nitroaniline	ND	730	40	ug/kg	
100-01-6	4-Nitroaniline	ND	730	18	ug/kg	
91-20-3	Naphthalene	73.7	150	23	ug/kg	J
98-95-3	Nitrobenzene	ND	360	20	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	360	21	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	360	22	ug/kg	
85-01-8	Phenanthrene	817	150	20	ug/kg	
129-00-0	Pyrene	857	150	17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	360	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		26-108%
4165-62-2	Phenol-d5	61%		30-106%
118-79-6	2,4,6-Tribromophenol	81%		10-128%
4165-60-0	Nitrobenzene-d5	56%		24-120%
321-60-8	2-Fluorobiphenyl	71%		33-113%
1718-51-0	Terphenyl-d14	85%		47-129%

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP4 6-8		
Lab Sample ID:	MC36643-1	Date Sampled:	01/27/15
Matrix:	SO - Soil	Date Received:	01/29/15
Method:	SW846 8082A SW846 3546	Percent Solids:	67.1
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46048.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	47	10	ug/kg	
11104-28-2	Aroclor 1221	ND	47	19	ug/kg	
11141-16-5	Aroclor 1232	ND	47	19	ug/kg	
53469-21-9	Aroclor 1242	ND	47	20	ug/kg	
12672-29-6	Aroclor 1248	ND	47	17	ug/kg	
11097-69-1	Aroclor 1254	ND	47	21	ug/kg	
11096-82-5	Aroclor 1260	ND	47	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		24-139%
877-09-8	Tetrachloro-m-xylene	60%		24-139%
2051-24-3	Decachlorobiphenyl	66%		21-163%
2051-24-3	Decachlorobiphenyl	71%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP4 6-8	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-1	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	67.1
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	24.1	1.2	0.24	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	1010	6.2	0.066	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	1.1	0.49	0.029	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	21.4	1.2	0.073	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	6290	12	2.8	mg/kg	10	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	1.4	0.049	0.012	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	6.6	1.2	0.31	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	0.37 B	0.62	0.053	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TP9 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-2	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	45.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71410.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	5.85 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	69.2	19	5.2	ug/kg	
71-43-2	Benzene	2.1	0.94	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	3.7	0.39	ug/kg	
75-25-2	Bromoform	ND	3.7	0.67	ug/kg	
74-83-9	Bromomethane	ND	3.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	19	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	9.4	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	9.4	1.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	9.4	0.40	ug/kg	
75-15-0	Carbon disulfide	4.3	9.4	0.25	ug/kg	J
56-23-5	Carbon tetrachloride	ND	3.7	0.41	ug/kg	
108-90-7	Chlorobenzene	ND	3.7	0.30	ug/kg	
75-00-3	Chloroethane	ND	9.4	1.4	ug/kg	
67-66-3	Chloroform	ND	3.7	0.32	ug/kg	
74-87-3	Chloromethane	ND	9.4	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.7	0.60	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.7	0.40	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.7	0.57	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.7	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.7	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.7	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.7	0.78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	0.85	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	0.78	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	3.7	0.78	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.7	0.79	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	3.7	1.3	ug/kg	
591-78-6	2-Hexanone	ND	19	1.4	ug/kg	
98-82-8	Isopropylbenzene	ND	9.4	0.31	ug/kg	
99-87-6	p-Isopropyltoluene	ND	9.4	0.33	ug/kg	

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP9 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-2	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	45.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	3.8	3.7	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	9.4	1.0	ug/kg	
75-09-2	Methylene chloride	ND	3.7	1.0	ug/kg	
91-20-3	Naphthalene	ND	9.4	0.74	ug/kg	
103-65-1	n-Propylbenzene	ND	9.4	0.29	ug/kg	
100-42-5	Styrene	ND	9.4	0.32	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	0.74	ug/kg	
127-18-4	Tetrachloroethene	ND	3.7	0.59	ug/kg	
108-88-3	Toluene	1.8	9.4	0.39	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	9.4	0.80	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	9.4	0.96	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	9.4	0.79	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.7	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.7	1.1	ug/kg	
79-01-6	Trichloroethene	ND	3.7	0.46	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	9.4	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	9.4	2.8	ug/kg	
75-01-4	Vinyl chloride	ND	3.7	1.7	ug/kg	
	m,p-Xylene	ND	3.7	0.82	ug/kg	
95-47-6	o-Xylene	ND	3.7	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	3.7	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		63-139%
2037-26-5	Toluene-D8	95%		61-136%
460-00-4	4-Bromofluorobenzene	94%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP9 4-6	
Lab Sample ID:	MC36643-2	Date Sampled: 01/27/15
Matrix:	SO - Soil	Date Received: 01/29/15
Method:	SW846 8270D SW846 3546	Percent Solids: 45.6
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05617.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	540	24	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1100	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1100	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1100	180	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2200	270	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1100	140	ug/kg	
95-48-7	2-Methylphenol	ND	1100	43	ug/kg	
	3&4-Methylphenol	521	1100	53	ug/kg	J
88-75-5	2-Nitrophenol	ND	1100	29	ug/kg	
100-02-7	4-Nitrophenol	ND	2200	200	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	76	ug/kg	
108-95-2	Phenol	ND	540	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1100	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1100	27	ug/kg	
83-32-9	Acenaphthene	323	220	29	ug/kg	
208-96-8	Acenaphthylene	54.3	220	22	ug/kg	J
120-12-7	Anthracene	710	220	26	ug/kg	
56-55-3	Benzo(a)anthracene	1880	220	28	ug/kg	
50-32-8	Benzo(a)pyrene	1820	220	23	ug/kg	
205-99-2	Benzo(b)fluoranthene	1490	220	27	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1160	220	22	ug/kg	
207-08-9	Benzo(k)fluoranthene	1540	220	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	540	27	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	540	22	ug/kg	
91-58-7	2-Chloronaphthalene	ND	540	29	ug/kg	
106-47-8	4-Chloroaniline	ND	1100	27	ug/kg	
86-74-8	Carbazole	474	220	26	ug/kg	
218-01-9	Chrysene	1930	220	27	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	540	25	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	540	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	540	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	540	33	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP9 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-2	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	45.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1100	73	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1100	27	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	540	54	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	400	220	26	ug/kg	
132-64-9	Dibenzofuran	162	220	30	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	540	58	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	540	17	ug/kg	
84-66-2	Diethyl phthalate	ND	540	27	ug/kg	
131-11-3	Dimethyl phthalate	ND	540	31	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	540	20	ug/kg	
206-44-0	Fluoranthene	4550	220	30	ug/kg	
86-73-7	Fluorene	271	220	29	ug/kg	
118-74-1	Hexachlorobenzene	ND	540	34	ug/kg	
87-68-3	Hexachlorobutadiene	ND	540	31	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	1100	270	ug/kg	
67-72-1	Hexachloroethane	ND	540	26	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1120	220	24	ug/kg	
78-59-1	Isophorone	ND	540	25	ug/kg	
91-57-6	2-Methylnaphthalene	143	220	28	ug/kg	J
88-74-4	2-Nitroaniline	ND	1100	27	ug/kg	
99-09-2	3-Nitroaniline	ND	1100	59	ug/kg	
100-01-6	4-Nitroaniline	ND	1100	27	ug/kg	
91-20-3	Naphthalene	201	220	35	ug/kg	J
98-95-3	Nitrobenzene	ND	540	29	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	540	31	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	540	33	ug/kg	
85-01-8	Phenanthrene	2950	220	29	ug/kg	
129-00-0	Pyrene	3950	220	25	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	540	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		26-108%
4165-62-2	Phenol-d5	58%		30-106%
118-79-6	2,4,6-Tribromophenol	79%		10-128%
4165-60-0	Nitrobenzene-d5	55%		24-120%
321-60-8	2-Fluorobiphenyl	70%		33-113%
1718-51-0	Terphenyl-d14	88%		47-129%

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Report of Analysis

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Client Sample ID:	TP9 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-2	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	45.6
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46047.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	72	15	ug/kg	
11104-28-2	Aroclor 1221	ND	72	29	ug/kg	
11141-16-5	Aroclor 1232	ND	72	28	ug/kg	
53469-21-9	Aroclor 1242	ND	72	31	ug/kg	
12672-29-6	Aroclor 1248	ND	72	26	ug/kg	
11097-69-1	Aroclor 1254	ND	72	32	ug/kg	
11096-82-5	Aroclor 1260	ND	72	27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		24-139%
877-09-8	Tetrachloro-m-xylene	77%		24-139%
2051-24-3	Decachlorobiphenyl	86%		21-163%
2051-24-3	Decachlorobiphenyl	104%		21-163%

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Report of Analysis

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Client Sample ID:	TP9 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-2	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	45.6
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	32.5	1.7	0.33	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	1350	8.4	0.090	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	2.9	0.67	0.040	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	45.6	1.7	0.10	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	4440	17	3.8	mg/kg	10	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	2.4	0.14	0.033	mg/kg	2	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	2.4	1.7	0.42	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	10.6	0.84	0.073	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TP15 4-6	
Lab Sample ID:	MC36643-3	Date Sampled: 01/27/15
Matrix:	SO - Soil	Date Received: 01/29/15
Method:	SW846 8260C	Percent Solids: 58.7
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71411.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	4.45 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	19	5.4	ug/kg	
71-43-2	Benzene	1.9	0.96	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	3.8	0.40	ug/kg	
75-25-2	Bromoform	ND	3.8	0.68	ug/kg	
74-83-9	Bromomethane	ND	3.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	19	5.9	ug/kg	
104-51-8	n-Butylbenzene	ND	9.6	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	9.6	1.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	9.6	0.40	ug/kg	
75-15-0	Carbon disulfide	ND	9.6	0.25	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.8	0.42	ug/kg	
108-90-7	Chlorobenzene	ND	3.8	0.30	ug/kg	
75-00-3	Chloroethane	ND	9.6	1.4	ug/kg	
67-66-3	Chloroform	ND	3.8	0.32	ug/kg	
74-87-3	Chloromethane	ND	9.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.8	0.62	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.8	0.41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.8	0.58	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.8	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.8	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.8	0.62	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.8	0.79	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.8	0.86	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.8	0.80	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	3.8	0.80	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.8	0.80	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.8	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.8	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	3.8	1.3	ug/kg	
591-78-6	2-Hexanone	ND	19	1.5	ug/kg	
98-82-8	Isopropylbenzene	ND	9.6	0.32	ug/kg	
99-87-6	p-Isopropyltoluene	ND	9.6	0.33	ug/kg	

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP15 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-3	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	58.7
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	3.8	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	9.6	1.0	ug/kg	
75-09-2	Methylene chloride	ND	3.8	1.0	ug/kg	
91-20-3	Naphthalene	ND	9.6	0.76	ug/kg	
103-65-1	n-Propylbenzene	ND	9.6	0.29	ug/kg	
100-42-5	Styrene	ND	9.6	0.33	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.8	0.75	ug/kg	
127-18-4	Tetrachloroethene	ND	3.8	0.60	ug/kg	
108-88-3	Toluene	11.9	9.6	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	9.6	0.82	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	9.6	0.98	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	9.6	0.81	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.8	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.8	1.1	ug/kg	
79-01-6	Trichloroethene	ND	3.8	0.47	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	9.6	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	9.6	2.9	ug/kg	
75-01-4	Vinyl chloride	ND	3.8	1.7	ug/kg	
	m,p-Xylene	ND	3.8	0.84	ug/kg	
95-47-6	o-Xylene	ND	3.8	0.54	ug/kg	
1330-20-7	Xylene (total)	ND	3.8	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		63-139%
2037-26-5	Toluene-D8	96%		61-136%
460-00-4	4-Bromofluorobenzene	91%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
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 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP15 4-6	
Lab Sample ID:	MC36643-3	Date Sampled: 01/27/15
Matrix:	SO - Soil	Date Received: 01/29/15
Method:	SW846 8270D SW846 3546	Percent Solids: 58.7
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05618.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	430	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	850	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	850	25	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	850	140	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1700	210	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	850	110	ug/kg	
95-48-7	2-Methylphenol	ND	850	34	ug/kg	
	3&4-Methylphenol	ND	850	41	ug/kg	
88-75-5	2-Nitrophenol	ND	850	23	ug/kg	
100-02-7	4-Nitrophenol	ND	1700	160	ug/kg	
87-86-5	Pentachlorophenol	ND	850	60	ug/kg	
108-95-2	Phenol	ND	430	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	850	21	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	850	21	ug/kg	
83-32-9	Acenaphthene	ND	170	23	ug/kg	
208-96-8	Acenaphthylene	ND	170	17	ug/kg	
120-12-7	Anthracene	ND	170	21	ug/kg	
56-55-3	Benzo(a)anthracene	23.3	170	22	ug/kg	J
50-32-8	Benzo(a)pyrene	23.4	170	18	ug/kg	J
205-99-2	Benzo(b)fluoranthene	ND	170	21	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	26	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	430	22	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	17	ug/kg	
91-58-7	2-Chloronaphthalene	ND	430	23	ug/kg	
106-47-8	4-Chloroaniline	ND	850	21	ug/kg	
86-74-8	Carbazole	ND	170	20	ug/kg	
218-01-9	Chrysene	23.3	170	21	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	430	20	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	430	26	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	430	31	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	430	26	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP15 4-6	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-3	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	58.7
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	850	57	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	850	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	43	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	20	ug/kg	
132-64-9	Dibenzofuran	ND	170	24	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	13	ug/kg	
84-66-2	Diethyl phthalate	ND	430	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	25	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	16	ug/kg	
206-44-0	Fluoranthene	46.3	170	23	ug/kg	J
86-73-7	Fluorene	ND	170	23	ug/kg	
118-74-1	Hexachlorobenzene	ND	430	27	ug/kg	
87-68-3	Hexachlorobutadiene	ND	430	25	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	850	210	ug/kg	
67-72-1	Hexachloroethane	ND	430	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	19	ug/kg	
78-59-1	Isophorone	ND	430	20	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	22	ug/kg	
88-74-4	2-Nitroaniline	ND	850	21	ug/kg	
99-09-2	3-Nitroaniline	ND	850	47	ug/kg	
100-01-6	4-Nitroaniline	ND	850	21	ug/kg	
91-20-3	Naphthalene	ND	170	27	ug/kg	
98-95-3	Nitrobenzene	ND	430	23	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	430	24	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	430	26	ug/kg	
85-01-8	Phenanthrene	34.1	170	23	ug/kg	J
129-00-0	Pyrene	40.1	170	20	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	430	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		26-108%
4165-62-2	Phenol-d5	55%		30-106%
118-79-6	2,4,6-Tribromophenol	72%		10-128%
4165-60-0	Nitrobenzene-d5	53%		24-120%
321-60-8	2-Fluorobiphenyl	63%		33-113%
1718-51-0	Terphenyl-d14	85%		47-129%

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: TP15 4-6

Lab Sample ID: MC36643-3

Matrix: SO - Soil

Method: SW846 8082A SW846 3546

Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Date Sampled: 01/27/15

Date Received: 01/29/15

Percent Solids: 58.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46049.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	55	12	ug/kg	
11104-28-2	Aroclor 1221	ND	55	23	ug/kg	
11141-16-5	Aroclor 1232	ND	55	22	ug/kg	
53469-21-9	Aroclor 1242	ND	55	24	ug/kg	
12672-29-6	Aroclor 1248	ND	55	20	ug/kg	
11097-69-1	Aroclor 1254	ND	55	25	ug/kg	
11096-82-5	Aroclor 1260	ND	55	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		24-139%
877-09-8	Tetrachloro-m-xylene	77%		24-139%
2051-24-3	Decachlorobiphenyl	82%		21-163%
2051-24-3	Decachlorobiphenyl	86%		21-163%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: TP15 4-6	Date Sampled: 01/27/15
Lab Sample ID: MC36643-3	Date Received: 01/29/15
Matrix: SO - Soil	Percent Solids: 58.7
Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	10.2	1.3	0.26	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	130	6.6	0.070	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	0.42 B	0.52	0.031	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	11.6	1.3	0.078	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	210	1.3	0.30	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	0.37	0.054	0.013	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	0.97 B	1.3	0.32	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	0.12 B	0.66	0.057	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

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Client Sample ID:	TP16 4-6	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-4	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	61.8
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71412.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	3.87 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	21	5.9	ug/kg	
71-43-2	Benzene	8.1	1.0	0.70	ug/kg	
75-27-4	Bromodichloromethane	ND	4.2	0.44	ug/kg	
75-25-2	Bromoform	ND	4.2	0.74	ug/kg	
74-83-9	Bromomethane	ND	4.2	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	21	6.4	ug/kg	
104-51-8	n-Butylbenzene	ND	10	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	10	1.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	10	0.44	ug/kg	
75-15-0	Carbon disulfide	ND	10	0.27	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.2	0.46	ug/kg	
108-90-7	Chlorobenzene	ND	4.2	0.33	ug/kg	
75-00-3	Chloroethane	ND	10	1.6	ug/kg	
67-66-3	Chloroform	ND	4.2	0.35	ug/kg	
74-87-3	Chloromethane	ND	10	1.2	ug/kg	
124-48-1	Dibromochloromethane	ND	4.2	0.67	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.2	0.44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.2	0.63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.2	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.2	0.56	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.2	0.67	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.2	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.2	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.2	0.87	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	4.2	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.2	0.88	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.2	0.47	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.2	0.55	ug/kg	
100-41-4	Ethylbenzene	6.0	4.2	1.4	ug/kg	
591-78-6	2-Hexanone	ND	21	1.6	ug/kg	
98-82-8	Isopropylbenzene	ND	10	0.35	ug/kg	
99-87-6	p-Isopropyltoluene	ND	10	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	TP16 4-6	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-4	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	61.8
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	4.2	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10	1.1	ug/kg	
75-09-2	Methylene chloride	ND	4.2	1.1	ug/kg	
91-20-3	Naphthalene	ND	10	0.83	ug/kg	
103-65-1	n-Propylbenzene	1.1	10	0.32	ug/kg	J
100-42-5	Styrene	ND	10	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.2	0.82	ug/kg	
127-18-4	Tetrachloroethene	ND	4.2	0.65	ug/kg	
108-88-3	Toluene	17.4	10	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	10	0.89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	10	1.1	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	10	0.88	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.2	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.2	1.2	ug/kg	
79-01-6	Trichloroethene	ND	4.2	0.51	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	9.0	10	3.0	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	3.5	10	3.2	ug/kg	J
75-01-4	Vinyl chloride	ND	4.2	1.9	ug/kg	
	m,p-Xylene	31.9	4.2	0.92	ug/kg	
95-47-6	o-Xylene	17.4	4.2	0.59	ug/kg	
1330-20-7	Xylene (total)	49.3	4.2	0.46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		63-139%
2037-26-5	Toluene-D8	97%		61-136%
460-00-4	4-Bromofluorobenzene	90%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP16 4-6	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-4	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	61.8
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05619.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	390	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	770	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	770	22	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	770	130	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1500	190	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	770	97	ug/kg	
95-48-7	2-Methylphenol	ND	770	31	ug/kg	
	3&4-Methylphenol	ND	770	38	ug/kg	
88-75-5	2-Nitrophenol	ND	770	21	ug/kg	
100-02-7	4-Nitrophenol	ND	1500	140	ug/kg	
87-86-5	Pentachlorophenol	ND	770	54	ug/kg	
108-95-2	Phenol	ND	390	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	770	19	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	770	19	ug/kg	
83-32-9	Acenaphthene	ND	150	21	ug/kg	
208-96-8	Acenaphthylene	ND	150	15	ug/kg	
120-12-7	Anthracene	ND	150	19	ug/kg	
56-55-3	Benzo(a)anthracene	33.5	150	20	ug/kg	J
50-32-8	Benzo(a)pyrene	30.6	150	17	ug/kg	J
205-99-2	Benzo(b)fluoranthene	25.5	150	19	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	18.2	150	15	ug/kg	J
207-08-9	Benzo(k)fluoranthene	29.0	150	23	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	390	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	16	ug/kg	
91-58-7	2-Chloronaphthalene	ND	390	21	ug/kg	
106-47-8	4-Chloroaniline	ND	770	19	ug/kg	
86-74-8	Carbazole	ND	150	18	ug/kg	
218-01-9	Chrysene	35.3	150	19	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	390	18	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	390	24	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	390	28	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	390	24	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP16 4-6	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-4	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	61.8
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	770	52	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	770	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	39	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	150	18	ug/kg	
132-64-9	Dibenzofuran	ND	150	21	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	41	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	12	ug/kg	
84-66-2	Diethyl phthalate	ND	390	19	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	22	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	14	ug/kg	
206-44-0	Fluoranthene	74.1	150	21	ug/kg	J
86-73-7	Fluorene	ND	150	21	ug/kg	
118-74-1	Hexachlorobenzene	ND	390	24	ug/kg	
87-68-3	Hexachlorobutadiene	ND	390	22	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	770	190	ug/kg	
67-72-1	Hexachloroethane	ND	390	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	17.1	150	17	ug/kg	J
78-59-1	Isophorone	ND	390	18	ug/kg	
91-57-6	2-Methylnaphthalene	ND	150	20	ug/kg	
88-74-4	2-Nitroaniline	ND	770	19	ug/kg	
99-09-2	3-Nitroaniline	ND	770	42	ug/kg	
100-01-6	4-Nitroaniline	ND	770	19	ug/kg	
91-20-3	Naphthalene	ND	150	25	ug/kg	
98-95-3	Nitrobenzene	ND	390	21	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	390	22	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	390	23	ug/kg	
85-01-8	Phenanthrene	60.5	150	21	ug/kg	J
129-00-0	Pyrene	61.5	150	18	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	390	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		26-108%
4165-62-2	Phenol-d5	57%		30-106%
118-79-6	2,4,6-Tribromophenol	75%		10-128%
4165-60-0	Nitrobenzene-d5	55%		24-120%
321-60-8	2-Fluorobiphenyl	67%		33-113%
1718-51-0	Terphenyl-d14	86%		47-129%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP16 4-6		
Lab Sample ID:	MC36643-4	Date Sampled:	01/28/15
Matrix:	SO - Soil	Date Received:	01/29/15
Method:	SW846 8082A SW846 3546	Percent Solids:	61.8
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46051.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	52	11	ug/kg	
11104-28-2	Aroclor 1221	ND	52	21	ug/kg	
11141-16-5	Aroclor 1232	ND	52	21	ug/kg	
53469-21-9	Aroclor 1242	ND	52	22	ug/kg	
12672-29-6	Aroclor 1248	ND	52	19	ug/kg	
11097-69-1	Aroclor 1254	ND	52	23	ug/kg	
11096-82-5	Aroclor 1260	ND	52	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		24-139%
877-09-8	Tetrachloro-m-xylene	81%		24-139%
2051-24-3	Decachlorobiphenyl	86%		21-163%
2051-24-3	Decachlorobiphenyl	88%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	TP16 4-6	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-4	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	61.8
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	5.4	1.3	0.25	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	131	6.4	0.068	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	0.54	0.51	0.030	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	10.7	1.3	0.076	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	240	1.3	0.29	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	0.041 B	0.051	0.012	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	0.32 U	1.3	0.32	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	0.055 U	0.64	0.055	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71413.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	4.60 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	15	4.3	ug/kg	
71-43-2	Benzene	2.3	0.76	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	3.0	0.32	ug/kg	
75-25-2	Bromoform	ND	3.0	0.54	ug/kg	
74-83-9	Bromomethane	ND	3.0	0.91	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	4.7	ug/kg	
104-51-8	n-Butylbenzene	ND	7.6	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.6	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.6	0.32	ug/kg	
75-15-0	Carbon disulfide	1.0	7.6	0.20	ug/kg	J
56-23-5	Carbon tetrachloride	ND	3.0	0.33	ug/kg	
108-90-7	Chlorobenzene	ND	3.0	0.24	ug/kg	
75-00-3	Chloroethane	ND	7.6	1.1	ug/kg	
67-66-3	Chloroform	ND	3.0	0.26	ug/kg	
74-87-3	Chloromethane	ND	7.6	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	3.0	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.0	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.0	0.52	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.0	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.0	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.0	0.69	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.0	0.63	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	3.0	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.0	0.64	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	3.0	1.0	ug/kg	
591-78-6	2-Hexanone	ND	15	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	7.6	0.25	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.6	0.26	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	4.4	3.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.6	0.82	ug/kg	
75-09-2	Methylene chloride	ND	3.0	0.81	ug/kg	
91-20-3	Naphthalene	1.0	7.6	0.60	ug/kg	J
103-65-1	n-Propylbenzene	ND	7.6	0.23	ug/kg	
100-42-5	Styrene	ND	7.6	0.26	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	3.0	0.48	ug/kg	
108-88-3	Toluene	1.3	7.6	0.31	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	7.6	0.65	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.6	0.78	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	7.6	0.64	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.0	0.33	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.0	0.87	ug/kg	
79-01-6	Trichloroethene	ND	3.0	0.37	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.6	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.6	2.3	ug/kg	
75-01-4	Vinyl chloride	ND	3.0	1.4	ug/kg	
	m,p-Xylene	0.70	3.0	0.67	ug/kg	J
95-47-6	o-Xylene	ND	3.0	0.43	ug/kg	
1330-20-7	Xylene (total)	0.70	3.0	0.33	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		63-139%
2037-26-5	Toluene-D8	96%		61-136%
460-00-4	4-Bromofluorobenzene	94%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05620.D	5	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	21.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1700	75	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	3300	84	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	3300	96	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	3300	540	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	6700	830	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	3300	420	ug/kg	
95-48-7	2-Methylphenol	ND	3300	130	ug/kg	
	3&4-Methylphenol	ND	3300	160	ug/kg	
88-75-5	2-Nitrophenol	ND	3300	89	ug/kg	
100-02-7	4-Nitrophenol	ND	6700	620	ug/kg	
87-86-5	Pentachlorophenol	ND	3300	230	ug/kg	
108-95-2	Phenol	ND	1700	95	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	3300	83	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	3300	82	ug/kg	
83-32-9	Acenaphthene	1080	670	89	ug/kg	
208-96-8	Acenaphthylene	1060	670	67	ug/kg	
120-12-7	Anthracene	3200	670	80	ug/kg	
56-55-3	Benzo(a)anthracene	10900	670	86	ug/kg	
50-32-8	Benzo(a)pyrene	10600	670	72	ug/kg	
205-99-2	Benzo(b)fluoranthene	8370	670	83	ug/kg	
191-24-2	Benzo(g,h,i)perylene	5920	670	66	ug/kg	
207-08-9	Benzo(k)fluoranthene	8350	670	100	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	1700	84	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1700	68	ug/kg	
91-58-7	2-Chloronaphthalene	ND	1700	90	ug/kg	
106-47-8	4-Chloroaniline	ND	3300	83	ug/kg	
86-74-8	Carbazole	2590	670	79	ug/kg	
218-01-9	Chrysene	11900	670	83	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	1700	78	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1700	100	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1700	120	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1700	100	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	3300	220	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	3300	83	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1700	170	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	2120	670	79	ug/kg	
132-64-9	Dibenzofuran	1680	670	92	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1700	180	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1700	52	ug/kg	
84-66-2	Diethyl phthalate	ND	1700	83	ug/kg	
131-11-3	Dimethyl phthalate	ND	1700	96	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	130	1700	62	ug/kg	J
206-44-0	Fluoranthene	29200	670	91	ug/kg	
86-73-7	Fluorene	2160	670	88	ug/kg	
118-74-1	Hexachlorobenzene	ND	1700	100	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1700	96	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3300	830	ug/kg	
67-72-1	Hexachloroethane	ND	1700	80	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	6030	670	74	ug/kg	
78-59-1	Isophorone	ND	1700	77	ug/kg	
91-57-6	2-Methylnaphthalene	732	670	84	ug/kg	
88-74-4	2-Nitroaniline	ND	3300	83	ug/kg	
99-09-2	3-Nitroaniline	ND	3300	180	ug/kg	
100-01-6	4-Nitroaniline	ND	3300	83	ug/kg	
91-20-3	Naphthalene	2010	670	110	ug/kg	
98-95-3	Nitrobenzene	ND	1700	90	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1700	95	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1700	100	ug/kg	
85-01-8	Phenanthrene	23000	670	90	ug/kg	
129-00-0	Pyrene	24300	670	78	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1700	92	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		26-108%
4165-62-2	Phenol-d5	72%		30-106%
118-79-6	2,4,6-Tribromophenol	83%		10-128%
4165-60-0	Nitrobenzene-d5	70%		24-120%
321-60-8	2-Fluorobiphenyl	91%		33-113%
1718-51-0	Terphenyl-d14	105%		47-129%

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Report of Analysis

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Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46052.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	45	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	45	18	ug/kg	
11141-16-5	Aroclor 1232	ND	45	18	ug/kg	
53469-21-9	Aroclor 1242	ND	45	19	ug/kg	
12672-29-6	Aroclor 1248	ND	45	17	ug/kg	
11097-69-1	Aroclor 1254	39.6	45	20	ug/kg	J
11096-82-5	Aroclor 1260	ND	45	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		24-139%
877-09-8	Tetrachloro-m-xylene	78%		24-139%
2051-24-3	Decachlorobiphenyl	78%		21-163%
2051-24-3	Decachlorobiphenyl	90%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP19 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-5	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	71.6
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	55.5	1.2	0.23	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Barium	656	5.9	0.063	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Cadmium	3.0	0.47	0.028	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Chromium	33.2	1.2	0.070	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Lead	805	1.2	0.27	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.95	0.046	0.011	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁵
Selenium	3.7	1.2	0.29	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Silver ^a	0.64 B	1.2	0.10	mg/kg	2	01/30/15	02/02/15 EAL	SW846 6010C ³	SW846 3050B ⁴

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Instrument QC Batch: MA17880

(4) Prep QC Batch: MP24209

(5) Prep QC Batch: MP24210

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TP20 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-6	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	77.1
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G143493.D	1	01/30/15	JM	n/a	n/a	MSG5383
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	2.90 g	10.0 ml	100 ul
Run #2			

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2400	670	ug/kg	
71-43-2	Benzene	889	120	80	ug/kg	
75-27-4	Bromodichloromethane	ND	480	50	ug/kg	
75-25-2	Bromoform	ND	480	85	ug/kg	
74-83-9	Bromomethane	ND	480	140	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2400	730	ug/kg	
104-51-8	n-Butylbenzene	ND	1200	58	ug/kg	
135-98-8	sec-Butylbenzene	ND	1200	180	ug/kg	
98-06-6	tert-Butylbenzene	ND	1200	50	ug/kg	
75-15-0	Carbon disulfide	ND	1200	31	ug/kg	
56-23-5	Carbon tetrachloride	ND	480	52	ug/kg	
108-90-7	Chlorobenzene	ND	480	38	ug/kg	
75-00-3	Chloroethane	ND	1200	180	ug/kg	
67-66-3	Chloroform	ND	480	40	ug/kg	
74-87-3	Chloromethane	ND	1200	130	ug/kg	
124-48-1	Dibromochloromethane	ND	480	77	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	480	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	480	72	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	480	82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	480	64	ug/kg	
107-06-2	1,2-Dichloroethane	ND	480	77	ug/kg	
75-35-4	1,1-Dichloroethene	ND	480	99	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	480	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	480	100	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	480	100	ug/kg	
78-87-5	1,2-Dichloropropane	ND	480	100	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	480	54	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	480	63	ug/kg	
100-41-4	Ethylbenzene	ND	480	160	ug/kg	
591-78-6	2-Hexanone	ND	2400	180	ug/kg	
98-82-8	Isopropylbenzene	137	1200	40	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	1200	42	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	TP20 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-6	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	77.1
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	180	480	43	ug/kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1200	130	ug/kg	
75-09-2	Methylene chloride	ND	480	130	ug/kg	
91-20-3	Naphthalene	ND	1200	94	ug/kg	
103-65-1	n-Propylbenzene	291	1200	36	ug/kg	J
100-42-5	Styrene	ND	1200	41	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	480	94	ug/kg	
127-18-4	Tetrachloroethene	ND	480	75	ug/kg	
108-88-3	Toluene	259	1200	49	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	1200	100	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1200	120	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	1200	100	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	480	52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	480	140	ug/kg	
79-01-6	Trichloroethene	ND	480	58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	524	1200	340	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	1200	360	ug/kg	
75-01-4	Vinyl chloride	ND	480	220	ug/kg	
	m,p-Xylene	1140	480	100	ug/kg	
95-47-6	o-Xylene	160	480	67	ug/kg	J
1330-20-7	Xylene (total)	1300	480	52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		63-139%
2037-26-5	Toluene-D8	103%		61-136%
460-00-4	4-Bromofluorobenzene	100%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP20 0-4	
Lab Sample ID:	MC36643-6	Date Sampled: 01/28/15
Matrix:	SO - Soil	Date Received: 01/29/15
Method:	SW846 8270D SW846 3546	Percent Solids: 77.1
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X05621.D	5	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	21.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1500	70	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	3100	78	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	3100	89	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	3100	500	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	6200	770	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	3100	390	ug/kg	
95-48-7	2-Methylphenol	ND	3100	120	ug/kg	
	3&4-Methylphenol	ND	3100	150	ug/kg	
88-75-5	2-Nitrophenol	ND	3100	82	ug/kg	
100-02-7	4-Nitrophenol	ND	6200	580	ug/kg	
87-86-5	Pentachlorophenol	ND	3100	220	ug/kg	
108-95-2	Phenol	ND	1500	88	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	3100	77	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	3100	76	ug/kg	
83-32-9	Acenaphthene	258	620	83	ug/kg	J
208-96-8	Acenaphthylene	290	620	62	ug/kg	J
120-12-7	Anthracene	869	620	74	ug/kg	
56-55-3	Benzo(a)anthracene	3140	620	80	ug/kg	
50-32-8	Benzo(a)pyrene	3220	620	66	ug/kg	
205-99-2	Benzo(b)fluoranthene	2610	620	77	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1800	620	62	ug/kg	
207-08-9	Benzo(k)fluoranthene	2430	620	93	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	1500	78	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1500	63	ug/kg	
91-58-7	2-Chloronaphthalene	ND	1500	84	ug/kg	
106-47-8	4-Chloroaniline	ND	3100	77	ug/kg	
86-74-8	Carbazole	322	620	73	ug/kg	J
218-01-9	Chrysene	3170	620	77	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	1500	72	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1500	94	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1500	110	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1500	95	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP20 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-6	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	77.1
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	3100	210	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	3100	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1500	150	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	730	620	74	ug/kg	
132-64-9	Dibenzofuran	193	620	85	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1500	160	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1500	48	ug/kg	
84-66-2	Diethyl phthalate	ND	1500	77	ug/kg	
131-11-3	Dimethyl phthalate	ND	1500	89	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	179	1500	57	ug/kg	J
206-44-0	Fluoranthene	6010	620	85	ug/kg	
86-73-7	Fluorene	321	620	82	ug/kg	J
118-74-1	Hexachlorobenzene	ND	1500	97	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1500	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	3100	770	ug/kg	
67-72-1	Hexachloroethane	ND	1500	74	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1770	620	68	ug/kg	
78-59-1	Isophorone	ND	1500	71	ug/kg	
91-57-6	2-Methylnaphthalene	214	620	78	ug/kg	J
88-74-4	2-Nitroaniline	ND	3100	77	ug/kg	
99-09-2	3-Nitroaniline	ND	3100	170	ug/kg	
100-01-6	4-Nitroaniline	ND	3100	77	ug/kg	
91-20-3	Naphthalene	274	620	99	ug/kg	J
98-95-3	Nitrobenzene	ND	1500	83	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1500	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1500	93	ug/kg	
85-01-8	Phenanthrene	3610	620	84	ug/kg	
129-00-0	Pyrene	5760	620	72	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1500	85	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		26-108%
4165-62-2	Phenol-d5	79%		30-106%
118-79-6	2,4,6-Tribromophenol	98%		10-128%
4165-60-0	Nitrobenzene-d5	72%		24-120%
321-60-8	2-Fluorobiphenyl	94%		33-113%
1718-51-0	Terphenyl-d14	106%		47-129%

(a) Elevated RL due to dilution required for matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP20 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-6	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	77.1
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46053.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	43	9.0	ug/kg	
11104-28-2	Aroclor 1221	ND	43	17	ug/kg	
11141-16-5	Aroclor 1232	ND	43	17	ug/kg	
53469-21-9	Aroclor 1242	ND	43	18	ug/kg	
12672-29-6	Aroclor 1248	ND	43	16	ug/kg	
11097-69-1	Aroclor 1254	ND	43	19	ug/kg	
11096-82-5	Aroclor 1260	18.5	43	16	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		24-139%
877-09-8	Tetrachloro-m-xylene	81%		24-139%
2051-24-3	Decachlorobiphenyl	92%		21-163%
2051-24-3	Decachlorobiphenyl	106%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP20 0-4	Date Sampled:	01/28/15
Lab Sample ID:	MC36643-6	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	77.1
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	17.4	1.0	0.20	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	166	5.2	0.056	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	1.5	0.42	0.025	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	20.0	1.0	0.062	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	611	1.0	0.23	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	0.42	0.040	0.0096	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	0.26 U	1.0	0.26	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	0.33 B	0.52	0.045	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit

MDL = Method Detection Limit

U = Indicates a result < MDL

B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71414.D	1	01/30/15	AMY	n/a	n/a	MSM2540
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	3.1	ug/kg	
71-43-2	Benzene	11.8	0.56	0.38	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.23	ug/kg	
75-25-2	Bromoform	ND	2.2	0.40	ug/kg	
74-83-9	Bromomethane	ND	2.2	0.67	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	3.4	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	0.27	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	0.83	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	0.24	ug/kg	
75-15-0	Carbon disulfide	2.6	5.6	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.2	0.25	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.18	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.85	ug/kg	
67-66-3	Chloroform	ND	2.2	0.19	ug/kg	
74-87-3	Chloromethane	ND	5.6	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.24	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.39	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	0.30	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	0.36	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	0.46	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	0.51	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.47	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.2	0.47	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.29	ug/kg	
100-41-4	Ethylbenzene	1.5	2.2	0.77	ug/kg	J
591-78-6	2-Hexanone	ND	11	0.85	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	0.19	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	0.19	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	0.20	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.6	0.60	ug/kg	
75-09-2	Methylene chloride	ND	2.2	0.59	ug/kg	
91-20-3	Naphthalene	0.67	5.6	0.44	ug/kg	J
103-65-1	n-Propylbenzene	ND	5.6	0.17	ug/kg	
100-42-5	Styrene	ND	5.6	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.35	ug/kg	
108-88-3	Toluene	16.0	5.6	0.23	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	0.48	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	0.57	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	5.6	0.47	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.24	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.64	ug/kg	
79-01-6	Trichloroethene	ND	2.2	0.27	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	5.2	5.6	1.6	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.3	5.6	1.7	ug/kg	J
75-01-4	Vinyl chloride	ND	2.2	1.0	ug/kg	
	m,p-Xylene	12.4	2.2	0.49	ug/kg	
95-47-6	o-Xylene	5.8	2.2	0.32	ug/kg	
1330-20-7	Xylene (total)	18.3	2.2	0.25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		63-139%
2037-26-5	Toluene-D8	89%		61-136%
460-00-4	4-Bromofluorobenzene	120%		51-140%

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	X05622.D	5	02/04/15	MR	01/30/15	OP41862	MSX183
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1400	63	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2800	70	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2800	80	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2800	450	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	5500	690	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2800	350	ug/kg	
95-48-7	2-Methylphenol	ND	2800	110	ug/kg	
	3&4-Methylphenol	ND	2800	130	ug/kg	
88-75-5	2-Nitrophenol	ND	2800	74	ug/kg	
100-02-7	4-Nitrophenol	ND	5500	520	ug/kg	
87-86-5	Pentachlorophenol	ND	2800	200	ug/kg	
108-95-2	Phenol	ND	1400	79	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2800	69	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2800	68	ug/kg	
83-32-9	Acenaphthene	ND	550	74	ug/kg	
208-96-8	Acenaphthylene	64.0	550	55	ug/kg	J
120-12-7	Anthracene	122	550	67	ug/kg	J
56-55-3	Benzo(a)anthracene	502	550	71	ug/kg	J
50-32-8	Benzo(a)pyrene	537	550	60	ug/kg	J
205-99-2	Benzo(b)fluoranthene	521	550	69	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	409	550	55	ug/kg	J
207-08-9	Benzo(k)fluoranthene	478	550	84	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	1400	70	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1400	57	ug/kg	
91-58-7	2-Chloronaphthalene	ND	1400	75	ug/kg	
106-47-8	4-Chloroaniline	ND	2800	69	ug/kg	
86-74-8	Carbazole	85.0	550	65	ug/kg	J
218-01-9	Chrysene	602	550	69	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	1400	65	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1400	84	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1400	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	85	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	2800	190	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	2800	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1400	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	141	550	66	ug/kg	J
132-64-9	Dibenzofuran	ND	550	77	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1400	150	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1400	43	ug/kg	
84-66-2	Diethyl phthalate	ND	1400	69	ug/kg	
131-11-3	Dimethyl phthalate	ND	1400	80	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1400	51	ug/kg	
206-44-0	Fluoranthene	932	550	76	ug/kg	
86-73-7	Fluorene	ND	550	74	ug/kg	
118-74-1	Hexachlorobenzene	ND	1400	87	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1400	80	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2800	690	ug/kg	
67-72-1	Hexachloroethane	ND	1400	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	353	550	61	ug/kg	J
78-59-1	Isophorone	ND	1400	64	ug/kg	
91-57-6	2-Methylnaphthalene	161	550	70	ug/kg	J
88-74-4	2-Nitroaniline	ND	2800	69	ug/kg	
99-09-2	3-Nitroaniline	ND	2800	150	ug/kg	
100-01-6	4-Nitroaniline	ND	2800	69	ug/kg	
91-20-3	Naphthalene	115	550	89	ug/kg	J
98-95-3	Nitrobenzene	ND	1400	75	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1400	79	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	84	ug/kg	
85-01-8	Phenanthrene	518	550	75	ug/kg	J
129-00-0	Pyrene	785	550	65	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1400	76	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		26-108%
4165-62-2	Phenol-d5	81%		30-106%
118-79-6	2,4,6-Tribromophenol	91%		10-128%
4165-60-0	Nitrobenzene-d5	77%		24-120%
321-60-8	2-Fluorobiphenyl	97%		33-113%
1718-51-0	Terphenyl-d14	107%		47-129%

(a) Elevated RL due to dilution required for matrix interference.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46054.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	7.9	ug/kg	
11104-28-2	Aroclor 1221	ND	37	15	ug/kg	
11141-16-5	Aroclor 1232	ND	37	15	ug/kg	
53469-21-9	Aroclor 1242	ND	37	16	ug/kg	
12672-29-6	Aroclor 1248	ND	37	14	ug/kg	
11097-69-1	Aroclor 1254	ND	37	17	ug/kg	
11096-82-5	Aroclor 1260	ND	37	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		24-139%
877-09-8	Tetrachloro-m-xylene	82%		24-139%
2051-24-3	Decachlorobiphenyl	84%		21-163%
2051-24-3	Decachlorobiphenyl	89%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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3

Client Sample ID:	TP14 0-4	Date Sampled:	01/27/15
Lab Sample ID:	MC36643-7	Date Received:	01/29/15
Matrix:	SO - Soil	Percent Solids:	86.6
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	14.0	0.95	0.18	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Barium	319	4.7	0.051	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Cadmium	0.81	0.38	0.023	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Chromium	14.0	0.95	0.056	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Lead	476	0.95	0.21	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Mercury	0.45	0.037	0.0088	mg/kg	1	01/30/15	01/30/15 SA	SW846 7471B ¹	SW846 7471B ⁴
Selenium	0.29 B	0.95	0.23	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³
Silver	0.047 B	0.47	0.041	mg/kg	1	01/30/15	01/30/15 EAL	SW846 6010C ²	SW846 3050B ³

(1) Instrument QC Batch: MA17878

(2) Instrument QC Batch: MA17879

(3) Prep QC Batch: MP24209

(4) Prep QC Batch: MP24210

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

[illegible]

4.1



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC36643 Client: LCS Project: SALVAGE YARD BUFFALO
Date / Time Received: 1/29/2015 10:30:00 AM Delivery Method: _____ Airbill #'s: _____
Cooler Temps (Initial/Adjusted): #1: (3.2/3.2):

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Thermometer ID: G1;
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

Accutest Laboratories
V: (508) 481-6200

495 Technology Center West, Bldg One
F: (508) 481-7753

Marlborough, MA 01752
www.accutest.com

MC36643: Chain of Custody
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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2540-MB	M71394.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/kg	
71-43-2	Benzene	ND	0.50	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.35	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.60	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.24	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.75	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.16	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.76	ug/kg	
67-66-3	Chloroform	ND	2.0	0.17	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.56	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.32	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.41	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.42	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.42	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.26	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.69	ug/kg	
591-78-6	2-Hexanone	ND	10	0.76	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.17	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.54	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.53	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.40	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2540-MB	M71394.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	Result	RL	MDL	Units	Q
103-65-1	n-Propylbenzene	ND	5.0	0.15	ug/kg	
100-42-5	Styrene	ND	5.0	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.31	ug/kg	
108-88-3	Toluene	ND	5.0	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.43	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.51	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.57	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.24	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.91	ug/kg	
	m,p-Xylene	ND	2.0	0.44	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.28	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 63-139%
2037-26-5	Toluene-D8	95% 61-136%
460-00-4	4-Bromofluorobenzene	91% 51-140%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG5383-MB	G143488.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36643-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	140	ug/kg	
71-43-2	Benzene	ND	25	17	ug/kg	
75-27-4	Bromodichloromethane	ND	100	10	ug/kg	
75-25-2	Bromoform	ND	100	18	ug/kg	
74-83-9	Bromomethane	ND	100	30	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	150	ug/kg	
104-51-8	n-Butylbenzene	ND	250	12	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	37	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	11	ug/kg	
75-15-0	Carbon disulfide	ND	250	6.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	11	ug/kg	
108-90-7	Chlorobenzene	ND	100	7.9	ug/kg	
75-00-3	Chloroethane	ND	250	38	ug/kg	
67-66-3	Chloroform	ND	100	8.5	ug/kg	
74-87-3	Chloromethane	ND	250	28	ug/kg	
124-48-1	Dibromochloromethane	ND	100	16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	11	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	17	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	13	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	16	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	21	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	23	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	21	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	100	21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	11	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	13	ug/kg	
100-41-4	Ethylbenzene	ND	100	34	ug/kg	
591-78-6	2-Hexanone	ND	500	38	ug/kg	
98-82-8	Isopropylbenzene	ND	250	8.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	8.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	9.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	27	ug/kg	
75-09-2	Methylene chloride	ND	100	27	ug/kg	
91-20-3	Naphthalene	ND	250	20	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG5383-MB	G143488.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36643-6

CAS No.	Compound	Result	RL	MDL	Units	Q
103-65-1	n-Propylbenzene	ND	250	7.6	ug/kg	
100-42-5	Styrene	ND	250	8.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	20	ug/kg	
127-18-4	Tetrachloroethene	ND	100	16	ug/kg	
108-88-3	Toluene	ND	250	10	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	21	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	26	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	250	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	11	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	29	ug/kg	
79-01-6	Trichloroethene	ND	100	12	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	72	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	76	ug/kg	
75-01-4	Vinyl chloride	ND	100	45	ug/kg	
	m,p-Xylene	ND	100	22	ug/kg	
95-47-6	o-Xylene	ND	100	14	ug/kg	
1330-20-7	Xylene (total)	ND	100	11	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	104% 63-139%
2037-26-5	Toluene-D8	103% 61-136%
460-00-4	4-Bromofluorobenzene	99% 51-140%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2540-BS	M71391.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MSM2540-BSD	M71392.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	40.3	81	42.4	85	5	29-175/25
71-43-2	Benzene	50	41.9	84	46.2	92	10	72-123/25
75-27-4	Bromodichloromethane	50	43.4	87	46.9	94	8	78-137/25
75-25-2	Bromoform	50	52.8	106	56.4	113	7	61-155/25
74-83-9	Bromomethane	50	44.8	90	43.3	87	3	42-157/25
78-93-3	2-Butanone (MEK)	50	35.6	71	40.7	81	13	33-166/25
104-51-8	n-Butylbenzene	50	41.6	83	46.3	93	11	66-125/25
135-98-8	sec-Butylbenzene	50	41.1	82	48.5	97	17	69-123/25
98-06-6	tert-Butylbenzene	50	38.8	78	47.2	94	20	66-125/25
75-15-0	Carbon disulfide	50	43.6	87	47.2	94	8	62-127/25
56-23-5	Carbon tetrachloride	50	43.9	88	46.5	93	6	69-142/25
108-90-7	Chlorobenzene	50	47.2	94	53.0	106	12	72-118/25
75-00-3	Chloroethane	50	50.1	100	48.6	97	3	53-161/25
67-66-3	Chloroform	50	40.5	81	45.3	91	11	72-132/25
74-87-3	Chloromethane	50	47.2	94	44.3	89	6	39-158/25
124-48-1	Dibromochloromethane	50	50.8	102	55.8	112	9	74-142/25
95-50-1	1,2-Dichlorobenzene	50	44.8	90	49.1	98	9	70-124/25
541-73-1	1,3-Dichlorobenzene	50	43.6	87	48.6	97	11	71-122/25
106-46-7	1,4-Dichlorobenzene	50	43.1	86	47.6	95	10	73-126/25
75-34-3	1,1-Dichloroethane	50	43.3	87	49.8	100	14	65-152/25
107-06-2	1,2-Dichloroethane	50	41.8	84	45.0	90	7	71-137/25
75-35-4	1,1-Dichloroethene	50	46.8	94	52.4	105	11	68-135/25
156-59-2	cis-1,2-Dichloroethene	50	44.0	88	49.5	99	12	71-132/25
156-60-5	trans-1,2-Dichloroethene	50	46.2	92	51.6	103	11	72-140/25
540-59-0	1,2-Dichloroethene (total)	100	90.1	90	101	101	11	73-135/25
78-87-5	1,2-Dichloropropane	50	45.1	90	48.4	97	7	71-125/25
10061-01-5	cis-1,3-Dichloropropene	50	44.2	88	47.3	95	7	73-127/25
10061-02-6	trans-1,3-Dichloropropene	50	44.5	89	47.2	94	6	76-141/25
100-41-4	Ethylbenzene	50	44.5	89	49.4	99	10	73-123/25
591-78-6	2-Hexanone	50	39.0	78	40.9	82	5	38-157/25
98-82-8	Isopropylbenzene	50	40.3	81	47.4	95	16	69-123/25
99-87-6	p-Isopropyltoluene	50	42.2	84	48.1	96	13	68-128/25
1634-04-4	Methyl Tert Butyl Ether	50	40.1	80	40.9	82	2	68-134/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	39.4	79	40.0	80	2	55-147/25
75-09-2	Methylene chloride	50	42.9	86	46.3	93	8	71-139/25
91-20-3	Naphthalene	50	48.3	97	53.9	108	11	65-140/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2540-BS	M71391.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MSM2540-BSD	M71392.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	50	40.8	82	47.0	94	14	65-117/25
100-42-5	Styrene	50	48.1	96	51.9	104	8	74-125/25
79-34-5	1,1,2,2-Tetrachloroethane	50	40.8	82	44.8	90	9	66-138/25
127-18-4	Tetrachloroethene	50	46.6	93	53.7	107	14	67-130/25
108-88-3	Toluene	50	43.4	87	46.9	94	8	76-129/25
87-61-6	1,2,3-Trichlorobenzene	50	46.6	93	51.5	103	10	62-145/25
120-82-1	1,2,4-Trichlorobenzene	50	46.5	93	49.8	100	7	63-140/25
108-70-3	1,3,5-Trichlorobenzene	50	48.4	97	52.4	105	8	50-150/30 ^a
71-55-6	1,1,1-Trichloroethane	50	41.2	82	44.4	89	7	68-135/25
79-00-5	1,1,2-Trichloroethane	50	42.7	85	43.9	88	3	76-129/25
79-01-6	Trichloroethene	50	45.5	91	51.2	102	12	66-126/25
95-63-6	1,2,4-Trimethylbenzene	50	41.8	84	47.5	95	13	69-123/25
108-67-8	1,3,5-Trimethylbenzene	50	39.8	80	46.4	93	15	69-124/25
75-01-4	Vinyl chloride	50	46.6	93	45.2	90	3	44-163/25
	m,p-Xylene	100	92.2	92	102	102	10	72-121/25
95-47-6	o-Xylene	50	46.8	94	51.3	103	9	73-121/25
1330-20-7	Xylene (total)	150	139	93	153	102	10	73-120/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	96%	97%	63-139%
2037-26-5	Toluene-D8	97%	93%	61-136%
460-00-4	4-Bromofluorobenzene	88%	90%	51-140%

(a) Advisory control limits.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG5383-BS	G143484.D	1	01/30/15	JM	n/a	n/a	MSG5383
MSG5383-BSD	G143486.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	2500	3990	160	2700	108	39* a	29-175/25
71-43-2	Benzene	2500	2940	118	2480	99	17	72-123/25
75-27-4	Bromodichloromethane	2500	2990	120	2530	101	17	78-137/25
75-25-2	Bromoform	2500	2790	112	2100	84	28* a	61-155/25
74-83-9	Bromomethane	2500	4300	172* b	3370	135	24	42-157/25
78-93-3	2-Butanone (MEK)	2500	4220	169* b	2680	107	45* a	33-166/25
104-51-8	n-Butylbenzene	2500	2730	109	2270	91	18	66-125/25
135-98-8	sec-Butylbenzene	2500	2570	103	2160	86	17	69-123/25
98-06-6	tert-Butylbenzene	2500	2620	105	2200	88	17	66-125/25
75-15-0	Carbon disulfide	2500	3540	142* b	2690	108	27* a	62-127/25
56-23-5	Carbon tetrachloride	2500	3420	137	2780	111	21	69-142/25
108-90-7	Chlorobenzene	2500	2730	109	2290	92	18	72-118/25
75-00-3	Chloroethane	2500	4160	166* b	3350	134	22	53-161/25
67-66-3	Chloroform	2500	3150	126	2570	103	20	72-132/25
74-87-3	Chloromethane	2500	3680	147	2940	118	22	39-158/25
124-48-1	Dibromochloromethane	2500	2860	114	2310	92	21	74-142/25
95-50-1	1,2-Dichlorobenzene	2500	2390	96	1980	79	19	70-124/25
541-73-1	1,3-Dichlorobenzene	2500	2400	96	2030	81	17	71-122/25
106-46-7	1,4-Dichlorobenzene	2500	2670	107	2210	88	19	73-126/25
75-34-3	1,1-Dichloroethane	2500	3060	122	2490	100	21	65-152/25
107-06-2	1,2-Dichloroethane	2500	3180	127	2600	104	20	71-137/25
75-35-4	1,1-Dichloroethene	2500	3400	136* b	2620	105	26* a	68-135/25
156-59-2	cis-1,2-Dichloroethene	2500	3290	132	2660	106	21	71-132/25
156-60-5	trans-1,2-Dichloroethene	2500	3350	134	2690	108	22	72-140/25
540-59-0	1,2-Dichloroethene (total)	5000	6650	133	5350	107	22	73-135/25
78-87-5	1,2-Dichloropropane	2500	2930	117	2470	99	17	71-125/25
10061-01-5	cis-1,3-Dichloropropene	2500	3160	126	2680	107	16	73-127/25
10061-02-6	trans-1,3-Dichloropropene	2500	3390	136	2740	110	21	76-141/25
100-41-4	Ethylbenzene	2500	2530	101	2130	85	17	73-123/25
591-78-6	2-Hexanone	2500	4450	178* b	3110	124	35* a	38-157/25
98-82-8	Isopropylbenzene	2500	2590	104	2190	88	17	69-123/25
99-87-6	p-Isopropyltoluene	2500	2730	109	2290	92	18	68-128/25
1634-04-4	Methyl Tert Butyl Ether	2500	3220	129	2400	96	34* a	68-134/25
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	3210	128	2250	90	35* a	55-147/25
75-09-2	Methylene chloride	2500	3330	133	2600	104	25	71-139/25
91-20-3	Naphthalene	2500	2780	111	1780	71	44* a	65-140/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG5383-BS	G143484.D	1	01/30/15	JM	n/a	n/a	MSG5383
MSG5383-BSD	G143486.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	2500	2520	101	2130	85	17	65-117/25
100-42-5	Styrene	2500	2750	110	2300	92	18	74-125/25
79-34-5	1,1,2,2-Tetrachloroethane	2500	2710	108	1980	79	31* a	66-138/25
127-18-4	Tetrachloroethene	2500	2690	108	2290	92	16	67-130/25
108-88-3	Toluene	2500	2850	114	2400	96	17	76-129/25
87-61-6	1,2,3-Trichlorobenzene	2500	3240	130	2170	87	40* a	62-145/25
120-82-1	1,2,4-Trichlorobenzene	2500	3070	123	2220	89	32* a	63-140/25
108-70-3	1,3,5-Trichlorobenzene	2500	2730	109	2190	88	22	50-150/30 c
71-55-6	1,1,1-Trichloroethane	2500	3480	139* b	2780	111	22	68-135/25
79-00-5	1,1,2-Trichloroethane	2500	3190	128	2510	100	24	76-129/25
79-01-6	Trichloroethene	2500	3140	126	2640	106	17	66-126/25
95-63-6	1,2,4-Trimethylbenzene	2500	2430	97	2040	82	17	69-123/25
108-67-8	1,3,5-Trimethylbenzene	2500	2570	103	2170	87	17	69-124/25
75-01-4	Vinyl chloride	2500	4410	176* b	3130	125	34* a	44-163/25
	m,p-Xylene	5000	5120	102	4320	86	17	72-121/25
95-47-6	o-Xylene	2500	2510	100	2090	84	18	73-121/25
1330-20-7	Xylene (total)	7500	7620	102	6410	85	17	73-120/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	107%	103%	63-139%
2037-26-5	Toluene-D8	104%	105%	61-136%
460-00-4	4-Bromofluorobenzene	98%	99%	51-140%

(a) Outside control limits. Blank Spike meets program technical requirements.

(b) Outside control limits. Associated samples are non-detect for this compound.

(c) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36526-2MS	M71398.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MC36526-2MSD	M71399.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MC36526-2	M71395.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	MC36526-2 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		51.1	33.2	65	52.8	33.7	64	1	10-200/30
71-43-2	Benzene	ND		51.1	45.7	89	52.8	45.4	86	1	34-139/30
75-27-4	Bromodichloromethane	ND		51.1	50.7	99	52.8	49.7	94	2	37-153/30
75-25-2	Bromoform	ND		51.1	62.9	123	52.8	66.2	125	5	20-168/30
74-83-9	Bromomethane	ND		51.1	32.8	64	52.8	37.7	71	14	31-147/30
78-93-3	2-Butanone (MEK)	ND		51.1	39.9	78	52.8	33.8	64	17	10-200/30
104-51-8	n-Butylbenzene	0.36	J	51.1	36.0	70	52.8	38.2	72	6	10-164/30
135-98-8	sec-Butylbenzene	ND		51.1	37.4	73	52.8	40.2	76	7	15-160/30
98-06-6	tert-Butylbenzene	ND		51.1	36.1	71	52.8	38.9	74	7	16-158/30
75-15-0	Carbon disulfide	0.60	J	51.1	50.1	97	52.8	48.6	91	3	21-159/30
56-23-5	Carbon tetrachloride	ND		51.1	48.2	94	52.8	46.9	89	3	37-154/30
108-90-7	Chlorobenzene	ND		51.1	48.4	95	52.8	47.1	89	3	20-150/30
75-00-3	Chloroethane	ND		51.1	37.0	72	52.8	42.5	80	14	30-173/30
67-66-3	Chloroform	ND		51.1	46.8	92	52.8	45.2	86	3	44-138/30
74-87-3	Chloromethane	ND		51.1	31.7	62	52.8	36.1	68	13	25-157/30
124-48-1	Dibromochloromethane	ND		51.1	63.4	124	52.8	54.3	103	15	32-157/30
95-50-1	1,2-Dichlorobenzene	ND		51.1	39.4	77	52.8	37.9	72	4	10-160/30
541-73-1	1,3-Dichlorobenzene	ND		51.1	38.4	75	52.8	36.7	70	5	10-156/30
106-46-7	1,4-Dichlorobenzene	ND		51.1	37.6	74	52.8	35.6	67	5	10-159/30
75-34-3	1,1-Dichloroethane	ND		51.1	49.7	97	52.8	48.9	93	2	45-145/30
107-06-2	1,2-Dichloroethane	ND		51.1	46.4	91	52.8	45.8	87	1	40-144/30
75-35-4	1,1-Dichloroethene	ND		51.1	55.2	108	52.8	54.3	103	2	35-153/30
156-59-2	cis-1,2-Dichloroethene	ND		51.1	51.2	100	52.8	49.5	94	3	33-146/30
156-60-5	trans-1,2-Dichloroethene	ND		51.1	53.4	105	52.8	51.9	98	3	35-147/30
540-59-0	1,2-Dichloroethene (total)	ND		102	105	103	106	101	96	4	34-146/30
78-87-5	1,2-Dichloropropane	ND		51.1	51.0	100	52.8	48.8	92	4	38-146/30
10061-01-5	cis-1,3-Dichloropropene	ND		51.1	48.9	96	52.8	48.6	92	1	29-150/30
10061-02-6	trans-1,3-Dichloropropene	ND		51.1	50.8	99	52.8	49.2	93	3	22-163/30
100-41-4	Ethylbenzene	ND		51.1	44.8	88	52.8	43.6	83	3	24-146/30
591-78-6	2-Hexanone	ND		51.1	30.5	60	52.8	33.6	64	10	10-177/30
98-82-8	Isopropylbenzene	ND		51.1	39.1	77	52.8	39.6	75	1	20-158/30
99-87-6	p-Isopropyltoluene	0.35	J	51.1	37.3	72	52.8	39.3	74	5	12-161/30
1634-04-4	Methyl Tert Butyl Ether	ND		51.1	50.1	98	52.8	48.2	91	4	47-138/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		51.1	56.4	110	52.8	54.4	103	4	34-166/30
75-09-2	Methylene chloride	ND		51.1	48.3	95	52.8	47.9	91	1	36-147/30
91-20-3	Naphthalene	0.98	J	51.1	48.1	92	52.8	44.6	83	8	10-188/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingers, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36526-2MS	M71398.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MC36526-2MSD	M71399.D	1	01/30/15	AMY	n/a	n/a	MSM2540
MC36526-2	M71395.D	1	01/30/15	AMY	n/a	n/a	MSM2540

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-7

CAS No.	Compound	MC36526-2 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	ND		51.1	38.0	74	52.8	38.3	73	1	10-167/30
100-42-5	Styrene	ND		51.1	47.1	92	52.8	44.8	85	5	10-165/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		51.1	48.8	96	52.8	47.0	89	4	16-161/30
127-18-4	Tetrachloroethene	ND		51.1	48.8	96	52.8	48.3	91	1	30-148/30
108-88-3	Toluene	0.46	J	51.1	46.6	90	52.8	45.6	85	2	30-147/30
87-61-6	1,2,3-Trichlorobenzene	ND		51.1	34.6	68	52.8	33.8	64	2	10-169/30
120-82-1	1,2,4-Trichlorobenzene	ND		51.1	34.7	68	52.8	35.8	68	3	10-170/30
108-70-3	1,3,5-Trichlorobenzene	ND		51.1	37.8	74	52.8	38.1	72	1	50-150/30 ^a
71-55-6	1,1,1-Trichloroethane	ND		51.1	46.7	91	52.8	45.9	87	2	42-148/30
79-00-5	1,1,2-Trichloroethane	ND		51.1	52.2	102	52.8	47.9	91	9	35-150/30
79-01-6	Trichloroethene	ND		51.1	50.6	99	52.8	50.4	95	0	22-163/30
95-63-6	1,2,4-Trimethylbenzene	ND		51.1	36.5	71	52.8	37.4	71	2	10-173/30
108-67-8	1,3,5-Trimethylbenzene	ND		51.1	34.9	68	52.8	36.0	68	3	10-161/30
75-01-4	Vinyl chloride	ND		51.1	33.3	65	52.8	38.3	73	14	10-182/30
	m,p-Xylene	ND		102	89.9	88	106	87.8	83	2	25-147/30
95-47-6	o-Xylene	0.30	J	51.1	45.9	89	52.8	44.9	84	2	24-147/30
1330-20-7	Xylene (total)	0.30	J	153	136	89	158	133	84	2	25-147/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36526-2	Limits
1868-53-7	Dibromofluoromethane	105%	105%	105%	65-141%
2037-26-5	Toluene-D8	97%	97%	95%	65-129%
460-00-4	4-Bromofluorobenzene	85%	88%	93%	63-137%

(a) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36643-6MS	G143498.D	1	01/30/15	JM	n/a	n/a	MSG5383
MC36643-6MSD	G143499.D	1	01/30/15	JM	n/a	n/a	MSG5383
MC36643-6	G143493.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-6

CAS No.	Compound	MC36643-6 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		11900	24400	205* ^a	11900	20900	175	15	10-200/30
71-43-2	Benzene	889		11900	15000	118	11900	12600	98	17	34-139/30
75-27-4	Bromodichloromethane	ND		11900	14600	122	11900	12400	104	16	37-153/30
75-25-2	Bromoform	ND		11900	13700	115	11900	11200	94	20	20-168/30
74-83-9	Bromomethane	ND		11900	20300	170* ^a	11900	17100	143	17	31-147/30
78-93-3	2-Butanone (MEK)	ND		11900	21900	184	11900	18000	151	20	10-200/30
104-51-8	n-Butylbenzene	ND		11900	13400	112	11900	10900	91	21	10-164/30
135-98-8	sec-Butylbenzene	ND		11900	12600	106	11900	10400	87	19	15-160/30
98-06-6	tert-Butylbenzene	ND		11900	13000	109	11900	10600	89	20	16-158/30
75-15-0	Carbon disulfide	ND		11900	16800	141	11900	13700	115	20	21-159/30
56-23-5	Carbon tetrachloride	ND		11900	16400	138	11900	13800	116	17	37-154/30
108-90-7	Chlorobenzene	ND		11900	13400	112	11900	11100	93	19	20-150/30
75-00-3	Chloroethane	ND		11900	19600	164	11900	16900	142	15	30-173/30
67-66-3	Chloroform	ND		11900	15300	128	11900	12600	106	19	44-138/30
74-87-3	Chloromethane	ND		11900	19700	165* ^a	11900	13300	112	39* ^b	25-157/30
124-48-1	Dibromochloromethane	ND		11900	14200	119	11900	11700	98	19	32-157/30
95-50-1	1,2-Dichlorobenzene	ND		11900	11700	98	11900	9690	81	19	10-160/30
541-73-1	1,3-Dichlorobenzene	ND		11900	11700	98	11900	9670	81	19	10-156/30
106-46-7	1,4-Dichlorobenzene	ND		11900	12900	108	11900	10600	89	20	10-159/30
75-34-3	1,1-Dichloroethane	ND		11900	14700	123	11900	12300	103	18	45-145/30
107-06-2	1,2-Dichloroethane	ND		11900	15200	127	11900	12900	108	16	40-144/30
75-35-4	1,1-Dichloroethene	ND		11900	16300	137	11900	13400	112	20	35-153/30
156-59-2	cis-1,2-Dichloroethene	ND		11900	15800	133	11900	13100	110	19	33-146/30
156-60-5	trans-1,2-Dichloroethene	ND		11900	16200	136	11900	13300	112	20	35-147/30
540-59-0	1,2-Dichloroethene (total)	ND		23800	32000	134	23800	26400	111	19	34-146/30
78-87-5	1,2-Dichloropropane	ND		11900	14300	120	11900	12100	101	17	38-146/30
10061-01-5	cis-1,3-Dichloropropene	ND		11900	15500	130	11900	12900	108	18	29-150/30
10061-02-6	trans-1,3-Dichloropropene	ND		11900	16100	135	11900	13600	114	17	22-163/30
100-41-4	Ethylbenzene	ND		11900	12400	104	11900	10300	86	19	24-146/30
591-78-6	2-Hexanone	ND		11900	24300	204* ^a	11900	20000	168	19	10-177/30
98-82-8	Isopropylbenzene	137	J	11900	12800	106	11900	10700	89	18	20-158/30
99-87-6	p-Isopropyltoluene	ND		11900	13400	112	11900	10900	91	21	12-161/30
1634-04-4	Methyl Tert Butyl Ether	180	J	11900	16200	134	11900	13500	112	18	47-138/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		11900	15900	133	11900	13100	110	19	34-166/30
75-09-2	Methylene chloride	ND		11900	15600	131	11900	13100	110	17	36-147/30
91-20-3	Naphthalene	ND		11900	13800	116	11900	11000	92	23	10-188/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36643-6MS	G143498.D	1	01/30/15	JM	n/a	n/a	MSG5383
MC36643-6MSD	G143499.D	1	01/30/15	JM	n/a	n/a	MSG5383
MC36643-6	G143493.D	1	01/30/15	JM	n/a	n/a	MSG5383

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36643-6

CAS No.	Compound	MC36643-6 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	291	J	11900	12600	103	11900	10400	85	19	10-167/30
100-42-5	Styrene	ND		11900	13400	112	11900	11100	93	19	10-165/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		11900	13100	110	11900	10500	88	22	16-161/30
127-18-4	Tetrachloroethene	ND		11900	13300	112	11900	11000	92	19	30-148/30
108-88-3	Toluene	259	J	11900	14000	115	11900	11700	96	18	30-147/30
87-61-6	1,2,3-Trichlorobenzene	ND		11900	15400	129	11900	12100	101	24	10-169/30
120-82-1	1,2,4-Trichlorobenzene	ND		11900	14800	124	11900	11900	100	22	10-170/30
108-70-3	1,3,5-Trichlorobenzene	ND		11900	13200	111	11900	10700	90	21	50-150/30 ^c
71-55-6	1,1,1-Trichloroethane	ND		11900	16700	140	11900	13800	116	19	42-148/30
79-00-5	1,1,2-Trichloroethane	ND		11900	15700	132	11900	13100	110	18	35-150/30
79-01-6	Trichloroethene	ND		11900	15800	133	11900	13400	112	16	22-163/30
95-63-6	1,2,4-Trimethylbenzene	524	J	11900	12400	100	11900	10200	81	19	10-173/30
108-67-8	1,3,5-Trimethylbenzene	ND		11900	12700	107	11900	10400	87	20	10-161/30
75-01-4	Vinyl chloride	ND		11900	20800	174	11900	17100	143	20	10-182/30
	m,p-Xylene	1140		23800	26100	105	23800	21500	85	19	25-147/30
95-47-6	o-Xylene	160	J	11900	12300	102	11900	10300	85	18	24-147/30
1330-20-7	Xylene (total)	1300		35800	38400	104	35800	31700	85	19	25-147/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36643-6	Limits
1868-53-7	Dibromofluoromethane	106%	104%	101%	65-141%
2037-26-5	Toluene-D8	102%	104%	103%	65-129%
460-00-4	4-Bromofluorobenzene	99%	99%	100%	63-137%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

(c) Advisory control limits.

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36643-1	M71409.D	106	94	96
MC36643-2	M71410.D	102	95	94
MC36643-3	M71411.D	103	96	91
MC36643-4	M71412.D	104	97	90
MC36643-5	M71413.D	108	96	94
MC36643-6	G143493.D	101	103	100
MC36643-7	M71414.D	108	89	120
MC36526-2MS	M71398.D	105	97	85
MC36526-2MSD	M71399.D	105	97	88
MC36643-6MS	G143498.D	106	102	99
MC36643-6MSD	G143499.D	104	104	99
MSG5383-BS	G143484.D	107	104	98
MSG5383-BSD	G143486.D	103	105	99
MSG5383-MB	G143488.D	104	103	99
MSM2540-BS	M71391.D	96	97	88
MSM2540-BSD	M71392.D	97	93	90
MSM2540-MB	M71394.D	98	95	91

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

63-139%

S2 = Toluene-D8

61-136%

S3 = 4-Bromofluorobenzene

51-140%

5.4.1

5

GC/MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-MB	W20208.D	1	02/04/15	KD	01/30/15	OP41862	MSW880

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	250	11	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	13	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	14	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	81	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	120	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	500	62	ug/kg	
95-48-7	2-Methylphenol	ND	500	20	ug/kg	
	3&4-Methylphenol	ND	500	24	ug/kg	
88-75-5	2-Nitrophenol	ND	500	13	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	94	ug/kg	
87-86-5	Pentachlorophenol	ND	500	35	ug/kg	
108-95-2	Phenol	ND	250	14	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	12	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	12	ug/kg	
83-32-9	Acenaphthene	ND	100	13	ug/kg	
208-96-8	Acenaphthylene	ND	100	10	ug/kg	
120-12-7	Anthracene	ND	100	12	ug/kg	
56-55-3	Benzo(a)anthracene	ND	100	13	ug/kg	
50-32-8	Benzo(a)pyrene	ND	100	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	100	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	100	10	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	100	15	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	250	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	14	ug/kg	
106-47-8	4-Chloroaniline	ND	500	12	ug/kg	
86-74-8	Carbazole	ND	100	12	ug/kg	
218-01-9	Chrysene	ND	100	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	15	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	18	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	500	12	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	250	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	100	12	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: MC36643**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-MB	W20208.D	1	02/04/15	KD	01/30/15	OP41862	MSW880

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Result	RL	MDL	Units	Q
132-64-9	Dibenzofuran	ND	100	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	250	26	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	250	7.8	ug/kg	
84-66-2	Diethyl phthalate	ND	250	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	250	14	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	250	9.2	ug/kg	
206-44-0	Fluoranthene	ND	100	14	ug/kg	
86-73-7	Fluorene	ND	100	13	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	16	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	120	ug/kg	
67-72-1	Hexachloroethane	ND	250	12	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	100	11	ug/kg	
78-59-1	Isophorone	ND	250	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	100	13	ug/kg	
88-74-4	2-Nitroaniline	ND	500	12	ug/kg	
99-09-2	3-Nitroaniline	ND	500	27	ug/kg	
100-01-6	4-Nitroaniline	ND	500	12	ug/kg	
91-20-3	Naphthalene	ND	100	16	ug/kg	
98-95-3	Nitrobenzene	ND	250	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	14	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	15	ug/kg	
85-01-8	Phenanthrene	ND	100	14	ug/kg	
129-00-0	Pyrene	ND	100	12	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	14	ug/kg	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	70% 26-108%
4165-62-2	Phenol-d5	72% 30-106%
118-79-6	2,4,6-Tribromophenol	76% 10-128%
4165-60-0	Nitrobenzene-d5	66% 24-120%
321-60-8	2-Fluorobiphenyl	69% 33-113%
1718-51-0	Terphenyl-d14	88% 47-129%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-BS	W20209.D	1	02/04/15	KD	01/30/15	OP41862	MSW880
OP41862-BSD	W20210.D	1	02/04/15	KD	01/30/15	OP41862	MSW880

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	2420	1960	81	1720	72	13	46-109/30
59-50-7	4-Chloro-3-methyl phenol	2420	2080	86	1830	76	13	47-121/30
120-83-2	2,4-Dichlorophenol	2420	1960	81	1730	72	12	49-112/30
105-67-9	2,4-Dimethylphenol	2420	1950	81	1730	72	12	45-118/30
51-28-5	2,4-Dinitrophenol	2420	1940	80	1680	70	14	10-116/30
534-52-1	4,6-Dinitro-o-cresol	2420	2270	94	2010	84	12	19-137/30
95-48-7	2-Methylphenol	2420	2020	84	1760	74	14	24-134/30
	3&4-Methylphenol	4830	4080	84	3650	76	11	27-127/30
88-75-5	2-Nitrophenol	2420	1920	79	1680	70	13	47-109/30
100-02-7	4-Nitrophenol	2420	2040	84	1840	77	10	25-137/30
87-86-5	Pentachlorophenol	2420	2160	89	2010	84	7	30-109/30
108-95-2	Phenol	2420	1930	80	1710	71	12	44-117/30
95-95-4	2,4,5-Trichlorophenol	2420	2140	89	1820	76	16	51-115/30
88-06-2	2,4,6-Trichlorophenol	2420	1910	79	1700	71	12	50-114/30
83-32-9	Acenaphthene	2420	1950	81	1870	78	4	57-117/30
208-96-8	Acenaphthylene	2420	1810	75	1720	72	5	44-109/30
120-12-7	Anthracene	2420	2110	87	1990	83	6	59-117/30
56-55-3	Benzo(a)anthracene	2420	2110	87	2090	87	1	64-132/30
50-32-8	Benzo(a)pyrene	2420	2170	90	2100	88	3	55-113/30
205-99-2	Benzo(b)fluoranthene	2420	2100	87	2180	91	4	60-131/30
191-24-2	Benzo(g,h,i)perylene	2420	2260	94	2120	89	6	54-126/30
207-08-9	Benzo(k)fluoranthene	2420	2130	88	2100	88	1	59-131/30
101-55-3	4-Bromophenyl phenyl ether	2420	2040	84	1940	81	5	57-125/30
85-68-7	Butyl benzyl phthalate	2420	2160	89	2120	89	2	50-154/30
91-58-7	2-Chloronaphthalene	2420	2040	84	1960	82	4	54-119/30
106-47-8	4-Chloroaniline	2420	1510	62	1440	60	5	31-96/30
86-74-8	Carbazole	2420	2180	90	2120	89	3	59-120/30
218-01-9	Chrysene	2420	2210	91	2120	89	4	61-123/30
111-91-1	bis(2-Chloroethoxy)methane	2420	2020	84	1880	79	7	46-121/30
111-44-4	bis(2-Chloroethyl)ether	2420	1870	77	1790	75	4	42-127/30
108-60-1	bis(2-Chloroisopropyl)ether	2420	2350	97	2240	94	5	28-162/30
7005-72-3	4-Chlorophenyl phenyl ether	2420	2080	86	1990	83	4	53-122/30
121-14-2	2,4-Dinitrotoluene	2420	2100	87	2070	86	1	56-123/30
606-20-2	2,6-Dinitrotoluene	2420	1940	80	1920	80	1	55-119/30
91-94-1	3,3'-Dichlorobenzidine	2420	1620	67	1560	65	4	39-134/30
53-70-3	Dibenzo(a,h)anthracene	2420	2180	90	2070	86	5	55-133/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-BS	W20209.D	1	02/04/15	KD	01/30/15	OP41862	MSW880
OP41862-BSD	W20210.D	1	02/04/15	KD	01/30/15	OP41862	MSW880

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
132-64-9	Dibenzofuran	2420	2030	84	2010	84	1	53-110/30
84-74-2	Di-n-butyl phthalate	2420	2120	88	2030	85	4	58-125/30
117-84-0	Di-n-octyl phthalate	2420	2340	97	2200	92	6	39-180/30
84-66-2	Diethyl phthalate	2420	2090	86	2030	85	3	58-126/30
131-11-3	Dimethyl phthalate	2420	2090	86	1990	83	5	59-123/30
117-81-7	bis(2-Ethylhexyl)phthalate	2420	2240	93	2170	91	3	51-162/30
206-44-0	Fluoranthene	2420	2170	90	2050	86	6	62-123/30
86-73-7	Fluorene	2420	2060	85	2000	84	3	57-119/30
118-74-1	Hexachlorobenzene	2420	2080	86	1960	82	6	51-125/30
87-68-3	Hexachlorobutadiene	2420	1770	73	1740	73	2	40-122/30
77-47-4	Hexachlorocyclopentadiene	2420	1210	50	1190	50	2	10-107/30
67-72-1	Hexachloroethane	2420	1820	75	1710	71	6	44-107/30
193-39-5	Indeno(1,2,3-cd)pyrene	2420	2200	91	2150	90	2	50-130/30
78-59-1	Isophorone	2420	1770	73	1680	70	5	44-121/30
91-57-6	2-Methylnaphthalene	2420	2010	83	1900	79	6	48-111/30
88-74-4	2-Nitroaniline	2420	2190	91	2040	85	7	55-121/30
99-09-2	3-Nitroaniline	2420	1540	64	1470	61	5	41-112/30
100-01-6	4-Nitroaniline	2420	2050	85	2000	84	2	48-119/30
91-20-3	Naphthalene	2420	1850	77	1740	73	6	48-129/30
98-95-3	Nitrobenzene	2420	1820	75	1750	73	4	45-124/30
621-64-7	N-Nitroso-di-n-propylamine	2420	2080	86	1990	83	4	48-128/30
86-30-6	N-Nitrosodiphenylamine	2420	1970	82	1860	78	6	54-116/30
85-01-8	Phenanthrene	2420	2020	84	1930	81	5	60-121/30
129-00-0	Pyrene	2420	2140	89	2090	87	2	58-136/30
120-82-1	1,2,4-Trichlorobenzene	2420	1870	77	1780	74	5	48-117/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	81%	73%	26-108%
4165-62-2	Phenol-d5	84%	76%	30-106%
118-79-6	2,4,6-Tribromophenol	88%	79%	10-128%
4165-60-0	Nitrobenzene-d5	76%	69%	24-120%
321-60-8	2-Fluorobiphenyl	79%	73%	33-113%
1718-51-0	Terphenyl-d14	93%	87%	47-129%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-MS	X05614.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
OP41862-MSD	X05615.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
MC36643-1	X05616.D	1	02/04/15	MR	01/30/15	OP41862	MSX183

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	MC36643-1 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		3700	2180	59	3710	2310	62	6 19-127/30
59-50-7	4-Chloro-3-methyl phenol	ND		3700	2260	61	3710	2390	64	6 29-124/30
120-83-2	2,4-Dichlorophenol	ND		3700	2480	67	3710	2610	70	5 23-133/30
105-67-9	2,4-Dimethylphenol	ND		3700	2280	62	3710	2430	65	6 10-133/30
51-28-5	2,4-Dinitrophenol	ND		3700	ND	0* a	3710	406	11	200* b 10-124/30
534-52-1	4,6-Dinitro-o-cresol	ND		3700	453	12	3710	1360	37	100* b 10-147/30
95-48-7	2-Methylphenol	ND		3700	2090	56	3710	2240	60	7 18-128/30
	3&4-Methylphenol	136	J	7400	4620	61	7430	4810	63	4 16-131/30
88-75-5	2-Nitrophenol	ND		3700	2190	59	3710	2470	66	12 10-132/30
100-02-7	4-Nitrophenol	ND		3700	1920	52	3710	1990	54	4 13-126/30
87-86-5	Pentachlorophenol	ND		3700	2100	57	3710	2120	57	1 10-150/30
108-95-2	Phenol	ND		3700	2080	56	3710	2200	59	6 20-128/30
95-95-4	2,4,5-Trichlorophenol	ND		3700	2720	73	3710	2830	76	4 29-128/30
88-06-2	2,4,6-Trichlorophenol	ND		3700	2620	71	3710	2740	74	4 20-138/30
83-32-9	Acenaphthene	66.1	J	3700	2780	73	3710	2690	71	3 31-137/30
208-96-8	Acenaphthylene	29.7	J	3700	2480	66	3710	2440	65	2 21-124/30
120-12-7	Anthracene	116	J	3700	3000	78	3710	2850	74	5 28-139/30
56-55-3	Benzo(a)anthracene	313		3700	3260	80	3710	3080	74	6 32-156/30
50-32-8	Benzo(a)pyrene	301		3700	3090	75	3710	2980	72	4 30-140/30
205-99-2	Benzo(b)fluoranthene	226		3700	3110	78	3710	3050	76	2 35-149/30
191-24-2	Benzo(g,h,i)perylene	175		3700	3310	85	3710	3090	78	7 31-151/30
207-08-9	Benzo(k)fluoranthene	257		3700	3130	78	3710	3010	74	4 30-139/30
101-55-3	4-Bromophenyl phenyl ether	ND		3700	3200	86	3710	3140	85	2 37-144/30
85-68-7	Butyl benzyl phthalate	ND		3700	2820	76	3710	2740	74	3 44-144/30
91-58-7	2-Chloronaphthalene	ND		3700	2830	76	3710	2840	76	0 37-137/30
106-47-8	4-Chloroaniline	ND		3700	1520	41	3710	1700	46	11 10-121/30
86-74-8	Carbazole	61.3	J	3700	2960	78	3710	2840	75	4 32-137/30
218-01-9	Chrysene	357		3700	3230	78	3710	3060	73	5 31-143/30
111-91-1	bis(2-Chloroethoxy)methane	ND		3700	2420	65	3710	2450	66	1 19-122/30
111-44-4	bis(2-Chloroethyl)ether	ND		3700	1980	53	3710	1990	54	1 20-119/30
108-60-1	bis(2-Chloroisopropyl)ether	ND		3700	2080	56	3710	2070	56	0 17-163/30
7005-72-3	4-Chlorophenyl phenyl ether	ND		3700	2870	78	3710	2830	76	1 31-137/30
121-14-2	2,4-Dinitrotoluene	ND		3700	2620	71	3710	2620	71	0 37-129/30
606-20-2	2,6-Dinitrotoluene	ND		3700	2600	70	3710	2590	70	0 32-140/30
91-94-1	3,3'-Dichlorobenzidine	ND		3700	2160	58	3710	2480	67	14 10-165/30
53-70-3	Dibenzo(a,h)anthracene	59.7	J	3700	2970	79	3710	2820	74	5 26-161/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-MS	X05614.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
OP41862-MSD	X05615.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
MC36643-1	X05616.D	1	02/04/15	MR	01/30/15	OP41862	MSX183

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	MC36643-1 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
132-64-9	Dibenzofuran	38.9	J	3700	2850	76	3710	2790	74	28-131/30
84-74-2	Di-n-butyl phthalate	ND		3700	2840	77	3710	2720	73	33-143/30
117-84-0	Di-n-octyl phthalate	ND		3700	2870	78	3710	2850	77	41-141/30
84-66-2	Diethyl phthalate	ND		3700	2630	71	3710	2630	71	35-136/30
131-11-3	Dimethyl phthalate	ND		3700	2760	75	3710	2700	73	37-134/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		3700	2930	79	3710	2850	77	36-153/30
206-44-0	Fluoranthene	837		3700	3630	75	3710	3280	66	31-145/30
86-73-7	Fluorene	75.9	J	3700	2810	74	3710	2730	71	32-138/30
118-74-1	Hexachlorobenzene	ND		3700	3150	85	3710	3030	82	37-145/30
87-68-3	Hexachlorobutadiene	ND		3700	2780	75	3710	2790	75	22-133/30
77-47-4	Hexachlorocyclopentadiene	ND		3700	1530	41	3710	1540	41	10-84/30
67-72-1	Hexachloroethane	ND		3700	2250	61	3710	2250	61	10-137/30
193-39-5	Indeno(1,2,3-cd)pyrene	138	J	3700	3170	82	3710	3010	77	21-165/30
78-59-1	Isophorone	ND		3700	2050	55	3710	2080	56	26-111/30
91-57-6	2-Methylnaphthalene	29.9	J	3700	2710	72	3710	2680	71	24-128/30
88-74-4	2-Nitroaniline	ND		3700	2690	73	3710	2700	73	31-136/30
99-09-2	3-Nitroaniline	ND		3700	2180	59	3710	2370	64	18-133/30
100-01-6	4-Nitroaniline	ND		3700	2200	59	3710	2340	63	19-127/30
91-20-3	Naphthalene	73.7	J	3700	2690	71	3710	2620	69	18-151/30
98-95-3	Nitrobenzene	ND		3700	2080	56	3710	2120	57	12-136/30
621-64-7	N-Nitroso-di-n-propylamine	ND		3700	2150	58	3710	2120	57	24-131/30
86-30-6	N-Nitrosodiphenylamine	ND		3700	2790	75	3710	2740	74	16-156/30
85-01-8	Phenanthrene	817		3700	3490	72	3710	3090	61	26-149/30
129-00-0	Pyrene	857		3700	3730	78	3710	3410	69	32-148/30
120-82-1	1,2,4-Trichlorobenzene	ND		3700	2640	71	3710	2700	73	29-126/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36643-1	Limits
367-12-4	2-Fluorophenol	61%	62%	60%	20-114%
4165-62-2	Phenol-d5	62%	63%	61%	22-117%
118-79-6	2,4,6-Tribromophenol	86%	84%	81%	15-145%
4165-60-0	Nitrobenzene-d5	57%	60%	56%	17-118%
321-60-8	2-Fluorobiphenyl	73%	74%	71%	27-121%
1718-51-0	Terphenyl-d14	89%	88%	85%	39-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41862-MS	X05614.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
OP41862-MSD	X05615.D	1	02/04/15	MR	01/30/15	OP41862	MSX183
MC36643-1	X05616.D	1	02/04/15	MR	01/30/15	OP41862	MSX183

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

- (a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
- (b) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8270D

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC36643-1	X05616.D	60	61	81	56	71	85
MC36643-2	X05617.D	58	58	79	55	70	88
MC36643-3	X05618.D	55	55	72	53	63	85
MC36643-4	X05619.D	56	57	75	55	67	86
MC36643-5	X05620.D	68	72	83	70	91	105
MC36643-6	X05621.D	78	79	98	72	94	106
MC36643-7	X05622.D	76	81	91	77	97	107
OP41862-BS	W20209.D	81	84	88	76	79	93
OP41862-BSD	W20210.D	73	76	79	69	73	87
OP41862-MB	W20208.D	70	72	76	66	69	88
OP41862-MS	X05614.D	61	62	86	57	73	89
OP41862-MSD	X05615.D	62	63	84	60	74	88

Surrogate Compounds

Recovery Limits

S1 = 2-Fluorophenol	26-108%
S2 = Phenol-d5	30-106%
S3 = 2,4,6-Tribromophenol	10-128%
S4 = Nitrobenzene-d5	24-120%
S5 = 2-Fluorobiphenyl	33-113%
S6 = Terphenyl-d14	47-129%

6.4.1

6

GC Semi-volatiles

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41864-MB	BK46032.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	31	6.6	ug/kg	
11104-28-2	Aroclor 1221	ND	31	13	ug/kg	
11141-16-5	Aroclor 1232	ND	31	12	ug/kg	
53469-21-9	Aroclor 1242	ND	31	13	ug/kg	
12672-29-6	Aroclor 1248	ND	31	12	ug/kg	
11097-69-1	Aroclor 1254	ND	31	14	ug/kg	
11096-82-5	Aroclor 1260	ND	31	12	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	80% 24-139%
877-09-8	Tetrachloro-m-xylene	74% 24-139%
2051-24-3	Decachlorobiphenyl	79% 21-163%
2051-24-3	Decachlorobiphenyl	80% 21-163%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41864-BS	BK46033.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
OP41864-BSD	BK46034.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	252	187	74	209	83	11	43-141/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	252	190	76	214	85	12	46-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	74%	85%	24-139%
877-09-8	Tetrachloro-m-xylene	77%	85%	24-139%
2051-24-3	Decachlorobiphenyl	73%	86%	21-163%
2051-24-3	Decachlorobiphenyl	73%	86%	21-163%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41864-MS	BK46045.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
OP41864-MSD	BK46046.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432
MC36643-2	BK46047.D	1	02/04/15	NK	01/30/15	OP41864	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

7.3.1

7

CAS No.	Compound	MC36643-2 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	554	626	113	568	691	122	10	40-140/50
11104-28-2	Aroclor 1221	ND		ND			ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	554	506	91	568	458	81	10	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC36643-2	Limits
877-09-8	Tetrachloro-m-xylene	88%	106%	84%	24-139%
877-09-8	Tetrachloro-m-xylene	92%	79%	77%	24-139%
2051-24-3	Decachlorobiphenyl	85%	82%	86%	21-163%
2051-24-3	Decachlorobiphenyl	102%	93%	104%	21-163%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36643

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8082A

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
MC36643-1	BK46048.D	81	60	66	71
MC36643-2	BK46047.D	84	77	86	104
MC36643-3	BK46049.D	78	77	82	86
MC36643-4	BK46051.D	84	81	86	88
MC36643-5	BK46052.D	86	78	78	90
MC36643-6	BK46053.D	82	81	92	106
MC36643-7	BK46054.D	84	82	84	89
OP41864-BS	BK46033.D	74	77	73	73
OP41864-BSD	BK46034.D	85	85	86	86
OP41864-MB	BK46032.D	80	74	79	80
OP41864-MS	BK46045.D	88	92	85	102
OP41864-MSD	BK46046.D	106	79	82	93

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

24-139%

S2 = Decachlorobiphenyl

21-163%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

7.4.1

7

Metals Analysis

QC Data Summaries

8

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36643
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/30/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.3	1.6		
Antimony	1.0	.11	.12		
Arsenic	1.0	.16	.2	0.090	<1.0
Barium	5.0	.022	.054	0.19	<5.0
Beryllium	0.40	.021	.022		
Bismuth	5.0	.13	.14		
Boron	10	.093	.12		
Cadmium	0.40	.016	.024	0.0	<0.40
Calcium	500	.81	.57		
Chromium	1.0	.035	.059	0.020	<1.0
Cobalt	5.0	.028	.05		
Copper	2.5	.24	.16		
Gold	5.0	.11	.12		
Iron	10	.38	.63		
Lead	1.0	.11	.23	0.080	<1.0
Lithium	50	.19	.58		
Magnesium	500	2.7	4.2		
Manganese	1.5	.002	.043		
Molybdenum	10	.078	.19		
Nickel	4.0	.032	.057		
Palladium	5.0	.14	.13		
Platinum	5.0	.46	.45		
Potassium	500	4	3.6		
Selenium	1.0	.18	.25	-0.020	<1.0
Silicon	10	1.2	1.3		
Silver	0.50	.083	.043	-0.030	<0.50
Sodium	500	1.4	1.9		
Sulfur	5.0	.2	.75		
Strontium	1.0	.004	.015		
Thallium	1.0	.16	.14		
Tin	10	.073	.18		
Titanium	5.0	.05	.063		
Tungsten	10	.18	.73		

8.1.1
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36643
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 01/30/15

Metal	RL	IDL	MDL	MB raw	final
Vanadium	1.0	.036	.044		
Zinc	2.0	.099	.26		
Zirconium	5.0	.019	.16		

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.1.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original MS		SpikeLot MPICP	% Rec	QC Limits
Aluminum					
Antimony	anr				
Arsenic	2.0	44.1	43.3	97.2	75-125
Barium	15.9	186	173	98.2	75-125
Beryllium	anr				
Bismuth					
Boron					
Cadmium	0.026	44.3	43.3	102.2	75-125
Calcium					
Chromium	4.9	47.1	43.3	97.4	75-125
Cobalt					
Copper	anr				
Gold					
Iron					
Lead	4.1	92.6	86.6	102.2	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	0.0	43.0	43.3	99.3	75-125
Silicon					
Silver	0.0	15.6	17.3	90.0	75-125
Sodium					
Sulfur					
Strontium					
Thallium	anr				
Tin					
Titanium					
Tungsten					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original MS	Spike lot MPICP	% Rec	QC Limits
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Vanadium anr

Zinc anr

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original MSD		SpikeLot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	anr					
Arsenic	2.0	44.5	44.4	95.7	0.9	20
Barium	15.9	188	178	96.9	1.1	20
Beryllium	anr					
Bismuth						
Boron						
Cadmium	0.026	44.8	44.4	100.8	1.1	20
Calcium						
Chromium	4.9	48.4	44.4	97.9	2.7	20
Cobalt						
Copper	anr					
Gold						
Iron						
Lead	4.1	93.1	88.8	100.2	0.5	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium						
Selenium	0.0	43.9	44.4	98.8	2.1	20
Silicon						
Silver	0.0	15.7	17.8	88.4	0.6	20
Sodium						
Sulfur						
Strontium						
Thallium	anr					
Tin						
Titanium						
Tungsten						

8.1.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original MSD	Spike lot MPICP	% Rec	MSD RPD	QC Limit
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Vanadium anr

Zinc anr

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24209
Matrix Type: SOLIDMethods: SW846 6010C
Units: mg/kg

Prep Date:

01/30/15

01/30/15

Metal	BSP Result	Spikelet MPICP	% Rec	QC Limits	BSD Result	Spikelet MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	anr								
Arsenic	50.3	50	100.6	80-120	50.1	50	100.2	0.4	20
Barium	203	200	101.5	80-120	199	200	99.5	2.0	20
Beryllium	anr								
Bismuth									
Boron									
Cadmium	52.7	50	105.4	80-120	52.3	50	104.6	0.8	20
Calcium									
Chromium	51.4	50	102.8	80-120	49.6	50	99.2	3.6	20
Cobalt									
Copper	anr								
Gold									
Iron									
Lead	100	100	100.0	80-120	100	100	100.0	0.0	20
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Palladium									
Platinum									
Potassium									
Selenium	52.4	50	104.8	80-120	53.1	50	106.2	1.3	20
Silicon									
Silver	18.5	20	92.5	80-120	17.9	20	89.5	3.3	20
Sodium									
Sulfur									
Strontium									
Thallium	anr								
Tin									
Titanium									
Tungsten									

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15 01/30/15

Metal	BSP Result	Spike lot MPICP	% Rec	QC Limits	BSD Result	Spike lot MPICP	% Rec	BSD RPD	QC Limit
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Vanadium anr

Zinc anr

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24209
Matrix Type: SOLIDMethods: SW846 6010C
Units: mg/kg

Prep Date: 01/30/15

Metal	LCS Result	Spike/lot MPLCS84	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	154	151	102.0	81-120
Barium	267	262	101.9	83-117
Beryllium	anr			
Bismuth				
Boron				
Cadmium	158	152	103.9	82-118
Calcium				
Chromium	117	117	100.0	79-121
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	258	254	101.6	81-119
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	168	162	103.7	77-122
Silicon				
Silver	45.6	44.3	102.9	74-126
Sodium				
Sulfur				
Strontium				
Thallium	anr			
Tin				
Titanium				
Tungsten				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 01/30/15

Metal	LCS Result	Spike lot MPLCS84	% Rec	QC Limits
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Vanadium anr

Zinc anr

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.3

8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/30/15

Metal	MC36665-4 Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony	anr			
Arsenic	22.8	24.6	7.9	0-10
Barium	180	207	14.7 (a)	0-10
Beryllium	anr			
Bismuth				
Boron				
Cadmium	0.300	0.800	166.7(b)	0-10
Calcium				
Chromium	56.1	59.6	6.2	0-10
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	46.9	44.9	4.3	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Sulfur				
Strontium				
Thallium	anr			
Tin				
Titanium				
Tungsten				

8.1.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 01/30/15

Metal	MC36665-4 Original SDL 1:5	%DIF	QC Limits
-------	-------------------------------	------	--------------

Vanadium anr

Zinc anr

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Serial dilution indicates possible matrix interference.

(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.1.4
8

POST DIGESTATE SPIKE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

01/30/15

Metal	Sample ml	Final ml	MC36665-4 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Bismuth									
Boron									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Gold									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

8.1.5
8

POST DIGESTATE SPIKE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24209
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

01/30/15

Metal	Sample ml	Final ml	MC36665-4 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
-------	--------------	-------------	------------------	-----------------------	-------------	----------------	---------------	-------	--------------

Vanadium

Zinc

Zirconium

Associated samples MP24209: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

8.1.5
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36643
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24210
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 01/30/15

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0058	.008	-0.00050	<0.033

Associated samples MP24210: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24210
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original MS	SpikeLot HGRWS1	% Rec	QC Limits
Mercury	0.0 0.50	0.503	99.4	80-120

Associated samples MP24210: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24210
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/30/15

Metal	MC36665-4 Original	MSD	SpikeLot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.52	0.503	103.4	3.9	20

Associated samples MP24210: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

8.2.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24210
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/30/15 01/30/15

Metal	BSP Result	SpikeLot HGRWS1	% Rec	QC Limits	BSD Result	SpikeLot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.52	0.5	104.0	80-120	0.51	0.5	102.0	1.9	20

Associated samples MP24210: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36643
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24210
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 01/30/15

Metal	LCS Result	Spike lot HGLCS84	% Rec	QC Limits
Mercury	6.0	5.76	104.2	71-129

Associated samples MP24210: MC36643-1, MC36643-2, MC36643-3, MC36643-4, MC36643-5, MC36643-6, MC36643-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.2.3
 8



02/09/15

Technical Report for

Lender Consulting Services, Inc.

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

14B4334.22

Accutest Job Number: MC36680

Sampling Date: 01/29/15

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **141**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC36680

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Project No: 14B4334.22

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
MC36680-1	01/29/15	09:15 MP	01/30/15	SO	Soil	BH1 8-10
MC36680-2	01/29/15	09:40 MP	01/30/15	SO	Soil	BH2 8-10
MC36680-3	01/29/15	09:40 MP	01/30/15	SO	Soil	BH2 0-4
MC36680-4	01/29/15	10:00 MP	01/30/15	SO	Soil	BH3 8-12
MC36680-5	01/29/15	10:20 MP	01/30/15	SO	Soil	BH4 10-12
MC36680-6	01/29/15	10:40 MP	01/30/15	SO	Soil	BH5 8-10
MC36680-7	01/29/15	10:40 MP	01/30/15	SO	Soil	BH5 0-2
MC36680-8	01/29/15	15:40 MP	01/30/15	AQ	Ground Water	TPMW5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 3

Job Number: MC36680

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/29/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC36680-1 BH1 8-10						
Benzene		0.98	0.31	0.21	ug/kg	SW846 8260C
Toluene		1.6 J	3.1	0.13	ug/kg	SW846 8260C
m,p-Xylene		1.5	1.2	0.27	ug/kg	SW846 8260C
o-Xylene		0.40 J	1.2	0.18	ug/kg	SW846 8260C
Xylene (total)		1.9	1.2	0.14	ug/kg	SW846 8260C
Arsenic		12.7	0.95	0.18	mg/kg	SW846 6010C
Barium		88.6	4.7	0.051	mg/kg	SW846 6010C
Cadmium		0.26 B	0.38	0.023	mg/kg	SW846 6010C
Chromium		20.0	0.95	0.056	mg/kg	SW846 6010C
Lead		13.8	0.95	0.21	mg/kg	SW846 6010C
Mercury		0.026 B	0.033	0.0078	mg/kg	SW846 7471B
MC36680-2 BH2 8-10						
Benzene		1.6	0.39	0.26	ug/kg	SW846 8260C
Carbon disulfide		0.92 J	3.9	0.10	ug/kg	SW846 8260C
Methyl Tert Butyl Ether		0.40 J	1.6	0.14	ug/kg	SW846 8260C
Toluene		2.7 J	3.9	0.16	ug/kg	SW846 8260C
m,p-Xylene		2.2	1.6	0.34	ug/kg	SW846 8260C
o-Xylene		0.67 J	1.6	0.22	ug/kg	SW846 8260C
Xylene (total)		2.8	1.6	0.17	ug/kg	SW846 8260C
Benzo(a)anthracene		19.5 J	120	16	ug/kg	SW846 8270D
Chrysene		28.6 J	120	15	ug/kg	SW846 8270D
Fluoranthene		26.3 J	120	17	ug/kg	SW846 8270D
Phenanthrene		19.0 J	120	16	ug/kg	SW846 8270D
Pyrene		30.6 J	120	14	ug/kg	SW846 8270D
MC36680-3 BH2 0-4						
Arsenic		35.1	1.0	0.20	mg/kg	SW846 6010C
Barium		220	5.0	0.054	mg/kg	SW846 6010C
Cadmium		1.8	0.40	0.024	mg/kg	SW846 6010C
Chromium		15.9	1.0	0.060	mg/kg	SW846 6010C
Lead		6670	5.0	1.1	mg/kg	SW846 6010C
Mercury		0.40	0.037	0.0089	mg/kg	SW846 7471B
Silver ^a		2.5	1.0	0.087	mg/kg	SW846 6010C
MC36680-4 BH3 8-12						
Acetone		54.2	16	4.3	ug/kg	SW846 8260C
Benzene		3.2	0.78	0.52	ug/kg	SW846 8260C
Carbon disulfide		1.1 J	7.8	0.20	ug/kg	SW846 8260C
Methyl Tert Butyl Ether		3.9	3.1	0.28	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC36680
Account: Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Collected: 01/29/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						
Toluene		2.7 J	7.8	0.32	ug/kg	SW846 8260C
Xylene (total)		0.64 J	3.1	0.34	ug/kg	SW846 8260C
3&4-Methylphenol		64.4 J	850	41	ug/kg	SW846 8270D
Acenaphthene		24.2 J	170	23	ug/kg	SW846 8270D
Acenaphthylene		42.0 J	170	17	ug/kg	SW846 8270D
Anthracene		162 J	170	21	ug/kg	SW846 8270D
Benzo(a)anthracene		497	170	22	ug/kg	SW846 8270D
Benzo(a)pyrene		365	170	18	ug/kg	SW846 8270D
Benzo(b)fluoranthene		382	170	21	ug/kg	SW846 8270D
Benzo(g,h,i)perylene		215	170	17	ug/kg	SW846 8270D
Benzo(k)fluoranthene		437	170	26	ug/kg	SW846 8270D
Carbazole		94.2 J	170	20	ug/kg	SW846 8270D
Chrysene		541	170	21	ug/kg	SW846 8270D
Dibenzo(a,h)anthracene		95.8 J	170	20	ug/kg	SW846 8270D
Dibenzofuran		56.9 J	170	24	ug/kg	SW846 8270D
bis(2-Ethylhexyl)phthalate		22.8 J	430	16	ug/kg	SW846 8270D
Fluoranthene		1040	170	23	ug/kg	SW846 8270D
Fluorene		75.8 J	170	23	ug/kg	SW846 8270D
Indeno(1,2,3-cd)pyrene		221	170	19	ug/kg	SW846 8270D
2-Methylnaphthalene		59.9 J	170	22	ug/kg	SW846 8270D
Naphthalene		92.3 J	170	27	ug/kg	SW846 8270D
Phenanthrene		679	170	23	ug/kg	SW846 8270D
Pyrene		842	170	20	ug/kg	SW846 8270D
Arsenic ^a		56.1	7.3	1.4	mg/kg	SW846 6010C
Barium ^a		354	37	0.39	mg/kg	SW846 6010C
Cadmium ^a		23.6	2.9	0.17	mg/kg	SW846 6010C
Chromium ^a		32.1	7.3	0.44	mg/kg	SW846 6010C
Lead		7600	15	3.3	mg/kg	SW846 6010C
Mercury		5.7	0.98	0.23	mg/kg	SW846 7471B
Selenium ^a		10.4	7.3	1.8	mg/kg	SW846 6010C
Silver ^a		1.3 B	7.3	0.64	mg/kg	SW846 6010C

MC36680-5 BH4 10-12

Benzene	1.5	0.37	0.25	ug/kg	SW846 8260C
Toluene	2.1 J	3.7	0.15	ug/kg	SW846 8260C
m,p-Xylene	1.3 J	1.5	0.32	ug/kg	SW846 8260C
o-Xylene	0.42 J	1.5	0.21	ug/kg	SW846 8260C
Xylene (total)	1.8	1.5	0.16	ug/kg	SW846 8260C
Arsenic	9.0	1.0	0.20	mg/kg	SW846 6010C
Barium	94.1	5.0	0.054	mg/kg	SW846 6010C
Cadmium	0.21 B	0.40	0.024	mg/kg	SW846 6010C
Chromium	23.3	1.0	0.060	mg/kg	SW846 6010C
Lead	16.6	1.0	0.23	mg/kg	SW846 6010C
Mercury	0.018 B	0.034	0.0081	mg/kg	SW846 7471B

Summary of Hits

Page 3 of 3

Job Number: MC36680

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/29/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC36680-6 BH5 8-10						
Benzene		2.3	0.47	0.32	ug/kg	SW846 8260C
Toluene		3.7 J	4.7	0.19	ug/kg	SW846 8260C
m,p-Xylene		2.4	1.9	0.41	ug/kg	SW846 8260C
o-Xylene		0.79 J	1.9	0.27	ug/kg	SW846 8260C
Xylene (total)		3.2	1.9	0.21	ug/kg	SW846 8260C
MC36680-7 BH5 0-2						
Aroclor 1260		401	39	15	ug/kg	SW846 8082A
Arsenic		11.3	1.0	0.20	mg/kg	SW846 6010C
Barium		95.8	5.2	0.056	mg/kg	SW846 6010C
Cadmium		4.2	0.41	0.025	mg/kg	SW846 6010C
Chromium		21.4	1.0	0.062	mg/kg	SW846 6010C
Lead		361	1.0	0.23	mg/kg	SW846 6010C
Mercury		0.17	0.039	0.0093	mg/kg	SW846 7471B
MC36680-8 TPMW5						
Barium		246	50	1.0	ug/l	SW846 6010C
Chromium		0.70 B	10	0.48	ug/l	SW846 6010C
Lead		10.5	5.0	1.7	ug/l	SW846 6010C

(a) Elevated RL due to dilution required for matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

3.1
3

Client Sample ID:	BH1 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-1	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.8
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71451.D	1	02/03/15	AMY	n/a	n/a	MSM2542
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	6.2	1.7	ug/kg	
71-43-2	Benzene	0.98	0.31	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.2	0.13	ug/kg	
75-25-2	Bromoform	ND	1.2	0.22	ug/kg	
74-83-9	Bromomethane	ND	1.2	0.37	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	1.9	ug/kg	
104-51-8	n-Butylbenzene	ND	3.1	0.15	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.1	0.46	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.1	0.13	ug/kg	
75-15-0	Carbon disulfide	ND	3.1	0.082	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.2	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	1.2	0.098	ug/kg	
75-00-3	Chloroethane	ND	3.1	0.47	ug/kg	
67-66-3	Chloroform	ND	1.2	0.11	ug/kg	
74-87-3	Chloromethane	ND	3.1	0.35	ug/kg	
124-48-1	Dibromochloromethane	ND	1.2	0.20	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.13	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.22	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.20	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.26	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.2	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.2	0.26	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.16	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.43	ug/kg	
591-78-6	2-Hexanone	ND	6.2	0.47	ug/kg	
98-82-8	Isopropylbenzene	ND	3.1	0.10	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.1	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

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Client Sample ID:	BH1 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-1	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.8
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.11	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	1.2	0.33	ug/kg	
91-20-3	Naphthalene	ND	3.1	0.25	ug/kg	
103-65-1	n-Propylbenzene	ND	3.1	0.095	ug/kg	
100-42-5	Styrene	ND	3.1	0.11	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.2	0.20	ug/kg	
108-88-3	Toluene	1.6	3.1	0.13	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	3.1	0.27	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.1	0.32	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	3.1	0.26	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.2	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.15	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.89	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.95	ug/kg	
75-01-4	Vinyl chloride	ND	1.2	0.57	ug/kg	
	m,p-Xylene	1.5	1.2	0.27	ug/kg	
95-47-6	o-Xylene	0.40	1.2	0.18	ug/kg	J
1330-20-7	Xylene (total)	1.9	1.2	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		63-139%
2037-26-5	Toluene-D8	91%		61-136%
460-00-4	4-Bromofluorobenzene	104%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH1 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-1	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.8
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20255.D	1	02/05/15	KD	01/31/15	OP41885	MSW881
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	310	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	620	16	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	620	18	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	620	100	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	620	77	ug/kg	
95-48-7	2-Methylphenol	ND	620	24	ug/kg	
	3&4-Methylphenol	ND	620	30	ug/kg	
88-75-5	2-Nitrophenol	ND	620	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	120	ug/kg	
87-86-5	Pentachlorophenol	ND	620	43	ug/kg	
108-95-2	Phenol	ND	310	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	620	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	620	15	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	310	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	310	13	ug/kg	
91-58-7	2-Chloronaphthalene	ND	310	17	ug/kg	
106-47-8	4-Chloroaniline	ND	620	15	ug/kg	
86-74-8	Carbazole	ND	120	15	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	310	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	310	19	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	310	22	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	310	19	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH1 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-1	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.8
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	620	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	620	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	310	31	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
132-64-9	Dibenzofuran	ND	120	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	310	33	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	310	9.6	ug/kg	
84-66-2	Diethyl phthalate	ND	310	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	310	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	310	11	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	310	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	310	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	620	150	ug/kg	
67-72-1	Hexachloroethane	ND	310	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	14	ug/kg	
78-59-1	Isophorone	ND	310	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	16	ug/kg	
88-74-4	2-Nitroaniline	ND	620	15	ug/kg	
99-09-2	3-Nitroaniline	ND	620	34	ug/kg	
100-01-6	4-Nitroaniline	ND	620	15	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
98-95-3	Nitrobenzene	ND	310	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	310	18	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	310	19	ug/kg	
85-01-8	Phenanthrene	ND	120	17	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	310	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		20-114%
4165-62-2	Phenol-d5	83%		22-117%
118-79-6	2,4,6-Tribromophenol	77%		15-145%
4165-60-0	Nitrobenzene-d5	82%		17-118%
321-60-8	2-Fluorobiphenyl	77%		27-121%
1718-51-0	Terphenyl-d14	103%		39-142%

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Report of Analysis

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Client Sample ID:	BH1 8-10	
Lab Sample ID:	MC36680-1	Date Sampled: 01/29/15
Matrix:	SO - Soil	Date Received: 01/30/15
Method:	SW846 8082A SW846 3546	Percent Solids: 78.8
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46076.D	1	02/05/15	NK	01/31/15	OP41887	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	42	8.8	ug/kg	
11104-28-2	Aroclor 1221	ND	42	17	ug/kg	
11141-16-5	Aroclor 1232	ND	42	17	ug/kg	
53469-21-9	Aroclor 1242	ND	42	18	ug/kg	
12672-29-6	Aroclor 1248	ND	42	15	ug/kg	
11097-69-1	Aroclor 1254	ND	42	19	ug/kg	
11096-82-5	Aroclor 1260	ND	42	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		24-139%
877-09-8	Tetrachloro-m-xylene	85%		24-139%
2051-24-3	Decachlorobiphenyl	86%		21-163%
2051-24-3	Decachlorobiphenyl	87%		21-163%

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	BH1 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-1	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.8
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	12.7	0.95	0.18	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Barium	88.6	4.7	0.051	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Cadmium	0.26 B	0.38	0.023	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Chromium	20.0	0.95	0.056	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Lead	13.8	0.95	0.21	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Mercury	0.026 B	0.033	0.0078	mg/kg	1	02/02/15	02/03/15 SA	SW846 7471B ²	SW846 7471B ⁴
Selenium ^a	0.47 U	1.9	0.47	mg/kg	2	02/02/15	02/05/15 EAL	SW846 6010C ³	SW846 3050B ⁵
Silver	0.041 U	0.47	0.041	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵

(1) Instrument QC Batch: MA17884

(2) Instrument QC Batch: MA17885

(3) Instrument QC Batch: MA17892

(4) Prep QC Batch: MP24215

(5) Prep QC Batch: MP24219

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

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Client Sample ID:	BH2 8-10	
Lab Sample ID:	MC36680-2	Date Sampled: 01/29/15
Matrix:	SO - Soil	Date Received: 01/30/15
Method:	SW846 8260C	Percent Solids: 81.7
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71452.D	1	02/03/15	AMY	n/a	n/a	MSM2542
Run #2							

	Initial Weight	Final Volume
Run #1	7.83 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.8	2.2	ug/kg	
71-43-2	Benzene	1.6	0.39	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.16	ug/kg	
75-25-2	Bromoform	ND	1.6	0.28	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.8	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	3.9	0.19	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.9	0.58	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.9	0.16	ug/kg	
75-15-0	Carbon disulfide	0.92	3.9	0.10	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.6	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.12	ug/kg	
75-00-3	Chloroethane	ND	3.9	0.59	ug/kg	
67-66-3	Chloroform	ND	1.6	0.13	ug/kg	
74-87-3	Chloromethane	ND	3.9	0.44	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.25	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.17	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.24	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.21	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.25	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.32	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.35	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.33	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.21	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	0.54	ug/kg	
591-78-6	2-Hexanone	ND	7.8	0.59	ug/kg	
98-82-8	Isopropylbenzene	ND	3.9	0.13	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.9	0.14	ug/kg	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH2 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-2	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	0.40	1.6	0.14	ug/kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.9	0.42	ug/kg	
75-09-2	Methylene chloride	ND	1.6	0.42	ug/kg	
91-20-3	Naphthalene	ND	3.9	0.31	ug/kg	
103-65-1	n-Propylbenzene	ND	3.9	0.12	ug/kg	
100-42-5	Styrene	ND	3.9	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.31	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.24	ug/kg	
108-88-3	Toluene	2.7	3.9	0.16	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	3.9	0.33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.9	0.40	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	3.9	0.33	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.45	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.9	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.9	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	0.71	ug/kg	
	m,p-Xylene	2.2	1.6	0.34	ug/kg	
95-47-6	o-Xylene	0.67	1.6	0.22	ug/kg	J
1330-20-7	Xylene (total)	2.8	1.6	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		63-139%
2037-26-5	Toluene-D8	90%		61-136%
460-00-4	4-Bromofluorobenzene	101%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
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Report of Analysis

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Client Sample ID:	BH2 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-2	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20256.D	1	02/05/15	KD	01/31/15	OP41885	MSW881
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	600	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	600	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	600	98	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	600	75	ug/kg	
95-48-7	2-Methylphenol	ND	600	24	ug/kg	
	3&4-Methylphenol	ND	600	29	ug/kg	
88-75-5	2-Nitrophenol	ND	600	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	600	42	ug/kg	
108-95-2	Phenol	ND	300	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	600	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	600	15	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	19.5	120	16	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	300	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	16	ug/kg	
106-47-8	4-Chloroaniline	ND	600	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	28.6	120	15	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	300	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	22	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	18	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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J = Indicates an estimated value

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH2 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-2	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	600	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	600	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	ND	120	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	300	32	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	300	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	300	11	ug/kg	
206-44-0	Fluoranthene	26.3	120	17	ug/kg	J
86-73-7	Fluorene	ND	120	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	300	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	600	150	ug/kg	
67-72-1	Hexachloroethane	ND	300	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
78-59-1	Isophorone	ND	300	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	600	15	ug/kg	
99-09-2	3-Nitroaniline	ND	600	33	ug/kg	
100-01-6	4-Nitroaniline	ND	600	15	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
98-95-3	Nitrobenzene	ND	300	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	18	ug/kg	
85-01-8	Phenanthrene	19.0	120	16	ug/kg	J
129-00-0	Pyrene	30.6	120	14	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	300	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		20-114%
4165-62-2	Phenol-d5	84%		22-117%
118-79-6	2,4,6-Tribromophenol	78%		15-145%
4165-60-0	Nitrobenzene-d5	81%		17-118%
321-60-8	2-Fluorobiphenyl	78%		27-121%
1718-51-0	Terphenyl-d14	102%		39-142%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH2 0-4	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-3	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	76.0
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46084.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	43	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	43	18	ug/kg	
11141-16-5	Aroclor 1232	ND	43	17	ug/kg	
53469-21-9	Aroclor 1242	ND	43	19	ug/kg	
12672-29-6	Aroclor 1248	ND	43	16	ug/kg	
11097-69-1	Aroclor 1254	ND	43	19	ug/kg	
11096-82-5	Aroclor 1260	ND	43	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		24-139%
877-09-8	Tetrachloro-m-xylene	84%		24-139%
2051-24-3	Decachlorobiphenyl	88%		21-163%
2051-24-3	Decachlorobiphenyl	93%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH2 0-4	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-3	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	76.0
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	35.1	1.0	0.20	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Barium	220	5.0	0.054	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Cadmium	1.8	0.40	0.024	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Chromium	15.9	1.0	0.060	mg/kg	1	02/02/15	02/03/15 EAL	SW846 6010C ¹	SW846 3050B ⁵
Lead	6670	5.0	1.1	mg/kg	5	02/02/15	02/04/15 EAL	SW846 6010C ³	SW846 3050B ⁵
Mercury	0.40	0.037	0.0089	mg/kg	1	02/02/15	02/03/15 SA	SW846 7471B ²	SW846 7471B ⁴
Selenium ^a	0.50 U	2.0	0.50	mg/kg	2	02/02/15	02/04/15 EAL	SW846 6010C ³	SW846 3050B ⁵
Silver ^a	2.5	1.0	0.087	mg/kg	2	02/02/15	02/04/15 EAL	SW846 6010C ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA17884

(2) Instrument QC Batch: MA17885

(3) Instrument QC Batch: MA17889

(4) Prep QC Batch: MP24215

(5) Prep QC Batch: MP24219

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

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Client Sample ID:	BH3 8-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-4	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	57.7
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71453.D	1	02/03/15	AMY	n/a	n/a	MSM2542
Run #2							

	Initial Weight	Final Volume
Run #1	5.58 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	54.2	16	4.3	ug/kg	
71-43-2	Benzene	3.2	0.78	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	0.32	ug/kg	
75-25-2	Bromoform	ND	3.1	0.55	ug/kg	
74-83-9	Bromomethane	ND	3.1	0.93	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	4.8	ug/kg	
104-51-8	n-Butylbenzene	ND	7.8	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.8	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.8	0.33	ug/kg	
75-15-0	Carbon disulfide	1.1	7.8	0.20	ug/kg	J
56-23-5	Carbon tetrachloride	ND	3.1	0.34	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	0.24	ug/kg	
75-00-3	Chloroethane	ND	7.8	1.2	ug/kg	
67-66-3	Chloroform	ND	3.1	0.26	ug/kg	
74-87-3	Chloromethane	ND	7.8	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.1	0.47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.1	0.54	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.1	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.1	0.70	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.1	0.65	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	3.1	0.65	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	0.65	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	3.1	1.1	ug/kg	
591-78-6	2-Hexanone	ND	16	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	7.8	0.26	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.8	0.27	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	BH3 8-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-4	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	57.7
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	3.9	3.1	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.8	0.84	ug/kg	
75-09-2	Methylene chloride	ND	3.1	0.82	ug/kg	
91-20-3	Naphthalene	ND	7.8	0.61	ug/kg	
103-65-1	n-Propylbenzene	ND	7.8	0.24	ug/kg	
100-42-5	Styrene	ND	7.8	0.26	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	0.61	ug/kg	
127-18-4	Tetrachloroethene	ND	3.1	0.49	ug/kg	
108-88-3	Toluene	2.7	7.8	0.32	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	0.66	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	0.80	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	7.8	0.66	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	0.34	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	0.89	ug/kg	
79-01-6	Trichloroethene	ND	3.1	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.8	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.8	2.4	ug/kg	
75-01-4	Vinyl chloride	ND	3.1	1.4	ug/kg	
	m,p-Xylene	ND	3.1	0.68	ug/kg	
95-47-6	o-Xylene	ND	3.1	0.44	ug/kg	
1330-20-7	Xylene (total)	0.64	3.1	0.34	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		63-139%
2037-26-5	Toluene-D8	95%		61-136%
460-00-4	4-Bromofluorobenzene	93%		51-140%

ND = Not detected MDL = Method Detection Limit
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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH3 8-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-4	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	57.7
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20257.D	1	02/05/15	KD	01/31/15	OP41885	MSW881
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	430	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	850	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	850	25	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	850	140	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1700	210	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	850	110	ug/kg	
95-48-7	2-Methylphenol	ND	850	34	ug/kg	
	3&4-Methylphenol	64.4	850	41	ug/kg	J
88-75-5	2-Nitrophenol	ND	850	23	ug/kg	
100-02-7	4-Nitrophenol	ND	1700	160	ug/kg	
87-86-5	Pentachlorophenol	ND	850	60	ug/kg	
108-95-2	Phenol	ND	430	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	850	21	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	850	21	ug/kg	
83-32-9	Acenaphthene	24.2	170	23	ug/kg	J
208-96-8	Acenaphthylene	42.0	170	17	ug/kg	J
120-12-7	Anthracene	162	170	21	ug/kg	J
56-55-3	Benzo(a)anthracene	497	170	22	ug/kg	
50-32-8	Benzo(a)pyrene	365	170	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	382	170	21	ug/kg	
191-24-2	Benzo(g,h,i)perylene	215	170	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	437	170	26	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	430	22	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	17	ug/kg	
91-58-7	2-Chloronaphthalene	ND	430	23	ug/kg	
106-47-8	4-Chloroaniline	ND	850	21	ug/kg	
86-74-8	Carbazole	94.2	170	20	ug/kg	J
218-01-9	Chrysene	541	170	21	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	430	20	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	430	26	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	430	31	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	430	26	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH3 8-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-4	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	57.7
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	850	57	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	850	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	43	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	95.8	170	20	ug/kg	J
132-64-9	Dibenzofuran	56.9	170	24	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	430	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	13	ug/kg	
84-66-2	Diethyl phthalate	ND	430	21	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	25	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	22.8	430	16	ug/kg	J
206-44-0	Fluoranthene	1040	170	23	ug/kg	
86-73-7	Fluorene	75.8	170	23	ug/kg	J
118-74-1	Hexachlorobenzene	ND	430	27	ug/kg	
87-68-3	Hexachlorobutadiene	ND	430	25	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	850	210	ug/kg	
67-72-1	Hexachloroethane	ND	430	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	221	170	19	ug/kg	
78-59-1	Isophorone	ND	430	20	ug/kg	
91-57-6	2-Methylnaphthalene	59.9	170	22	ug/kg	J
88-74-4	2-Nitroaniline	ND	850	21	ug/kg	
99-09-2	3-Nitroaniline	ND	850	47	ug/kg	
100-01-6	4-Nitroaniline	ND	850	21	ug/kg	
91-20-3	Naphthalene	92.3	170	27	ug/kg	J
98-95-3	Nitrobenzene	ND	430	23	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	430	24	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	430	26	ug/kg	
85-01-8	Phenanthrene	679	170	23	ug/kg	
129-00-0	Pyrene	842	170	20	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	430	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		20-114%
4165-62-2	Phenol-d5	77%		22-117%
118-79-6	2,4,6-Tribromophenol	77%		15-145%
4165-60-0	Nitrobenzene-d5	70%		17-118%
321-60-8	2-Fluorobiphenyl	73%		27-121%
1718-51-0	Terphenyl-d14	89%		39-142%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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3**Client Sample ID:** BH3 8-12**Lab Sample ID:** MC36680-4**Matrix:** SO - Soil**Method:** SW846 8082A SW846 3546**Project:** Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY**Date Sampled:** 01/29/15**Date Received:** 01/30/15**Percent Solids:** 57.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46077.D	1	02/05/15	NK	01/31/15	OP41887	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	58	12	ug/kg	
11104-28-2	Aroclor 1221	ND	58	24	ug/kg	
11141-16-5	Aroclor 1232	ND	58	23	ug/kg	
53469-21-9	Aroclor 1242	ND	58	25	ug/kg	
12672-29-6	Aroclor 1248	ND	58	21	ug/kg	
11097-69-1	Aroclor 1254	ND	58	26	ug/kg	
11096-82-5	Aroclor 1260	ND	58	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	133%		24-139%
877-09-8	Tetrachloro-m-xylene	96%		24-139%
2051-24-3	Decachlorobiphenyl	90%		21-163%
2051-24-3	Decachlorobiphenyl	95%		21-163%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH3 8-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-4	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	57.7
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	56.1	7.3	1.4	mg/kg	5	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Barium ^a	354	37	0.39	mg/kg	5	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Cadmium ^a	23.6	2.9	0.17	mg/kg	5	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Chromium ^a	32.1	7.3	0.44	mg/kg	5	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Lead	7600	15	3.3	mg/kg	10	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Mercury	5.7	0.98	0.23	mg/kg	20	02/02/15	02/03/15 SA	SW846 7471B ¹	SW846 7471B ³
Selenium ^a	10.4	7.3	1.8	mg/kg	5	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Silver ^a	1.3 B	7.3	0.64	mg/kg	10	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA17885

(2) Instrument QC Batch: MA17889

(3) Prep QC Batch: MP24216

(4) Prep QC Batch: MP24221

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	BH4 10-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-5	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71454.D	1	02/03/15	AMY	n/a	n/a	MSM2542
Run #2							

	Initial Weight	Final Volume
Run #1	8.58 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.4	2.1	ug/kg	
71-43-2	Benzene	1.5	0.37	0.25	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.15	ug/kg	
75-25-2	Bromoform	ND	1.5	0.26	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.45	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.4	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.18	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.16	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.097	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.12	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.56	ug/kg	
67-66-3	Chloroform	ND	1.5	0.13	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.42	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.24	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.22	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.31	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.31	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.31	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.51	ug/kg	
591-78-6	2-Hexanone	ND	7.4	0.56	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.12	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.13	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH4 10-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-5	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.14	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	0.40	ug/kg	
75-09-2	Methylene chloride	ND	1.5	0.39	ug/kg	
91-20-3	Naphthalene	ND	3.7	0.29	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	0.11	ug/kg	
100-42-5	Styrene	ND	3.7	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.29	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.23	ug/kg	
108-88-3	Toluene	2.1	3.7	0.15	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	0.32	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	0.38	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	3.7	0.31	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.43	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.18	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	0.67	ug/kg	
	m,p-Xylene	1.3	1.5	0.32	ug/kg	J
95-47-6	o-Xylene	0.42	1.5	0.21	ug/kg	J
1330-20-7	Xylene (total)	1.8	1.5	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		63-139%
2037-26-5	Toluene-D8	93%		61-136%
460-00-4	4-Bromofluorobenzene	99%		51-140%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID:	BH4 10-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-5	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20258.D	1	02/05/15	KD	01/31/15	OP41885	MSW881
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	310	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	630	16	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	630	18	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	630	100	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	630	79	ug/kg	
95-48-7	2-Methylphenol	ND	630	25	ug/kg	
	3&4-Methylphenol	ND	630	31	ug/kg	
88-75-5	2-Nitrophenol	ND	630	17	ug/kg	
100-02-7	4-Nitrophenol	ND	1300	120	ug/kg	
87-86-5	Pentachlorophenol	ND	630	44	ug/kg	
108-95-2	Phenol	ND	310	18	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	630	16	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	630	15	ug/kg	
83-32-9	Acenaphthene	ND	130	17	ug/kg	
208-96-8	Acenaphthylene	ND	130	13	ug/kg	
120-12-7	Anthracene	ND	130	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	130	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	130	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	130	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	130	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	130	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	310	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	310	13	ug/kg	
91-58-7	2-Chloronaphthalene	ND	310	17	ug/kg	
106-47-8	4-Chloroaniline	ND	630	16	ug/kg	
86-74-8	Carbazole	ND	130	15	ug/kg	
218-01-9	Chrysene	ND	130	16	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	310	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	310	19	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	310	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	310	19	ug/kg	

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH4 10-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-5	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	630	42	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	630	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	310	31	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	130	15	ug/kg	
132-64-9	Dibenzofuran	ND	130	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	310	33	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	310	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	310	16	ug/kg	
131-11-3	Dimethyl phthalate	ND	310	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	310	12	ug/kg	
206-44-0	Fluoranthene	ND	130	17	ug/kg	
86-73-7	Fluorene	ND	130	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	310	20	ug/kg	
87-68-3	Hexachlorobutadiene	ND	310	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	630	160	ug/kg	
67-72-1	Hexachloroethane	ND	310	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	14	ug/kg	
78-59-1	Isophorone	ND	310	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	130	16	ug/kg	
88-74-4	2-Nitroaniline	ND	630	16	ug/kg	
99-09-2	3-Nitroaniline	ND	630	34	ug/kg	
100-01-6	4-Nitroaniline	ND	630	16	ug/kg	
91-20-3	Naphthalene	ND	130	20	ug/kg	
98-95-3	Nitrobenzene	ND	310	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	310	18	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	310	19	ug/kg	
85-01-8	Phenanthrene	ND	130	17	ug/kg	
129-00-0	Pyrene	ND	130	15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	310	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		20-114%
4165-62-2	Phenol-d5	83%		22-117%
118-79-6	2,4,6-Tribromophenol	78%		15-145%
4165-60-0	Nitrobenzene-d5	80%		17-118%
321-60-8	2-Fluorobiphenyl	79%		27-121%
1718-51-0	Terphenyl-d14	98%		39-142%

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Client Sample ID:	BH4 10-12	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-5	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8082A SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46078.D	1	02/05/15	NK	01/31/15	OP41887	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	8.7	ug/kg	
11104-28-2	Aroclor 1221	ND	41	17	ug/kg	
11141-16-5	Aroclor 1232	ND	41	16	ug/kg	
53469-21-9	Aroclor 1242	ND	41	18	ug/kg	
12672-29-6	Aroclor 1248	ND	41	15	ug/kg	
11097-69-1	Aroclor 1254	ND	41	18	ug/kg	
11096-82-5	Aroclor 1260	ND	41	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		24-139%
877-09-8	Tetrachloro-m-xylene	84%		24-139%
2051-24-3	Decachlorobiphenyl	89%		21-163%
2051-24-3	Decachlorobiphenyl	89%		21-163%

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 RL = Reporting Limit
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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID: BH4 10-12	Date Sampled: 01/29/15
Lab Sample ID: MC36680-5	Date Received: 01/30/15
Matrix: SO - Soil	Percent Solids: 78.6
Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	9.0	1.0	0.20	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Barium	94.1	5.0	0.054	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Cadmium	0.21 B	0.40	0.024	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Chromium	23.3	1.0	0.060	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Lead	16.6	1.0	0.23	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.018 B	0.034	0.0081	mg/kg	1	02/02/15	02/03/15 SA	SW846 7471B ¹	SW846 7471B ³
Selenium	0.25 U	1.0	0.25	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Silver	0.043 U	0.50	0.043	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA17885

(2) Instrument QC Batch: MA17889

(3) Prep QC Batch: MP24216

(4) Prep QC Batch: MP24221

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

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Client Sample ID:	BH5 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-6	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	79.2
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M71455.D	1	02/03/15	AMY	n/a	n/a	MSM2542
Run #2							

	Initial Weight	Final Volume
Run #1	6.68 g	5.0 ml
Run #2		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.5	2.6	ug/kg	
71-43-2	Benzene	2.3	0.47	0.32	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.20	ug/kg	
75-25-2	Bromoform	ND	1.9	0.34	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.57	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.5	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	4.7	0.23	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.7	0.71	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.7	0.20	ug/kg	
75-15-0	Carbon disulfide	ND	4.7	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.15	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.71	ug/kg	
67-66-3	Chloroform	ND	1.9	0.16	ug/kg	
74-87-3	Chloromethane	ND	4.7	0.53	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.20	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.33	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.30	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.39	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.9	0.39	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.65	ug/kg	
591-78-6	2-Hexanone	ND	9.5	0.72	ug/kg	
98-82-8	Isopropylbenzene	ND	4.7	0.16	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.7	0.16	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	BH5 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-6	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	79.2
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.9	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.7	0.51	ug/kg	
75-09-2	Methylene chloride	ND	1.9	0.50	ug/kg	
91-20-3	Naphthalene	ND	4.7	0.37	ug/kg	
103-65-1	n-Propylbenzene	ND	4.7	0.14	ug/kg	
100-42-5	Styrene	ND	4.7	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.30	ug/kg	
108-88-3	Toluene	3.7	4.7	0.19	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.48	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	4.7	0.40	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.54	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.23	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.7	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.7	1.4	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.86	ug/kg	
	m,p-Xylene	2.4	1.9	0.41	ug/kg	
95-47-6	o-Xylene	0.79	1.9	0.27	ug/kg	J
1330-20-7	Xylene (total)	3.2	1.9	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		63-139%
2037-26-5	Toluene-D8	92%		61-136%
460-00-4	4-Bromofluorobenzene	101%		51-140%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH5 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-6	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	79.2
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20259.D	1	02/05/15	KD	01/31/15	OP41885	MSW881
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	310	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	610	16	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	610	18	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	610	100	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	610	77	ug/kg	
95-48-7	2-Methylphenol	ND	610	24	ug/kg	
	3&4-Methylphenol	ND	610	30	ug/kg	
88-75-5	2-Nitrophenol	ND	610	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	610	43	ug/kg	
108-95-2	Phenol	ND	310	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	610	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	610	15	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	310	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	310	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	310	17	ug/kg	
106-47-8	4-Chloroaniline	ND	610	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	310	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	310	19	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	310	22	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	310	19	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH5 8-10	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-6	Date Received:	01/30/15
Matrix:	SO - Soil	Percent Solids:	79.2
Method:	SW846 8270D SW846 3546		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	610	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	610	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	310	31	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
132-64-9	Dibenzofuran	ND	120	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	310	32	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	310	9.6	ug/kg	
84-66-2	Diethyl phthalate	ND	310	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	310	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	310	11	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	310	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	310	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	610	150	ug/kg	
67-72-1	Hexachloroethane	ND	310	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	14	ug/kg	
78-59-1	Isophorone	ND	310	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	16	ug/kg	
88-74-4	2-Nitroaniline	ND	610	15	ug/kg	
99-09-2	3-Nitroaniline	ND	610	33	ug/kg	
100-01-6	4-Nitroaniline	ND	610	15	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
98-95-3	Nitrobenzene	ND	310	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	310	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	310	18	ug/kg	
85-01-8	Phenanthrene	ND	120	17	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	310	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		20-114%
4165-62-2	Phenol-d5	78%		22-117%
118-79-6	2,4,6-Tribromophenol	76%		15-145%
4165-60-0	Nitrobenzene-d5	76%		17-118%
321-60-8	2-Fluorobiphenyl	74%		27-121%
1718-51-0	Terphenyl-d14	97%		39-142%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	BH5 0-2	
Lab Sample ID:	MC36680-7	Date Sampled: 01/29/15
Matrix:	SO - Soil	Date Received: 01/30/15
Method:	SW846 8082A SW846 3546	Percent Solids: 80.4
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46085.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	39	16	ug/kg	
11141-16-5	Aroclor 1232	ND	39	16	ug/kg	
53469-21-9	Aroclor 1242	ND	39	17	ug/kg	
12672-29-6	Aroclor 1248	ND	39	14	ug/kg	
11097-69-1	Aroclor 1254	ND	39	18	ug/kg	
11096-82-5	Aroclor 1260	401	39	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		24-139%
877-09-8	Tetrachloro-m-xylene	83%		24-139%
2051-24-3	Decachlorobiphenyl	88%		21-163%
2051-24-3	Decachlorobiphenyl	96%		21-163%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

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Client Sample ID: BH5 0-2	Date Sampled: 01/29/15
Lab Sample ID: MC36680-7	Date Received: 01/30/15
Matrix: SO - Soil	Percent Solids: 80.4
Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	11.3	1.0	0.20	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Barium	95.8	5.2	0.056	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Cadmium	4.2	0.41	0.025	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Chromium	21.4	1.0	0.062	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Lead	361	1.0	0.23	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Mercury	0.17	0.039	0.0093	mg/kg	1	02/02/15	02/03/15 SA	SW846 7471B ¹	SW846 7471B ³
Selenium	0.26 U	1.0	0.26	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴
Silver	0.045 U	0.52	0.045	mg/kg	1	02/03/15	02/04/15 EAL	SW846 6010C ²	SW846 3050B ⁴

(1) Instrument QC Batch: MA17885

(2) Instrument QC Batch: MA17889

(3) Prep QC Batch: MP24216

(4) Prep QC Batch: MP24221

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW5	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-8	Date Received:	01/30/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L90611.D	1	02/04/15	GK	n/a	n/a	MSL4008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW5	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-8	Date Received:	01/30/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.22	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		67-134%
2037-26-5	Toluene-D8	95%		79-121%
460-00-4	4-Bromofluorobenzene	99%		71-133%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW5	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-8	Date Received:	01/30/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X05684.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	17	0.97	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	33	1.7	ug/l	
120-83-2	2,4-Dichlorophenol	ND	33	1.6	ug/l	
105-67-9	2,4-Dimethylphenol	ND	33	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	67	8.3	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	33	2.0	ug/l	
95-48-7	2-Methylphenol	ND	33	1.0	ug/l	
	3&4-Methylphenol	ND	33	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	33	1.5	ug/l	
100-02-7	4-Nitrophenol	ND	67	4.2	ug/l	
87-86-5	Pentachlorophenol	ND	33	1.2	ug/l	
108-95-2	Phenol	ND	17	1.1	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	33	1.5	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	33	1.5	ug/l	
83-32-9	Acenaphthene	ND	6.7	0.80	ug/l	
208-96-8	Acenaphthylene	ND	6.7	0.71	ug/l	
120-12-7	Anthracene	ND	6.7	0.58	ug/l	
56-55-3	Benzo(a)anthracene	ND	6.7	0.73	ug/l	
50-32-8	Benzo(a)pyrene	ND	6.7	0.70	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	6.7	1.7	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	6.7	1.1	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	6.7	1.6	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	17	0.84	ug/l	
85-68-7	Butyl benzyl phthalate	ND	17	0.81	ug/l	
91-58-7	2-Chloronaphthalene	ND	17	1.1	ug/l	
106-47-8	4-Chloroaniline	ND	33	1.2	ug/l	
86-74-8	Carbazole	ND	6.7	0.54	ug/l	
218-01-9	Chrysene	ND	6.7	0.42	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	17	1.6	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	17	1.4	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	17	1.4	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	17	0.86	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-8	Date Received:	01/30/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	33	1.2	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	33	1.3	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	17	1.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	6.7	0.89	ug/l	
132-64-9	Dibenzofuran	ND	6.7	0.82	ug/l	
84-74-2	Di-n-butyl phthalate	ND	17	0.90	ug/l	
117-84-0	Di-n-octyl phthalate	ND	17	0.96	ug/l	
84-66-2	Diethyl phthalate	ND	17	0.89	ug/l	
131-11-3	Dimethyl phthalate	ND	17	0.80	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	6.7	1.1	ug/l	
206-44-0	Fluoranthene	ND	6.7	1.1	ug/l	
86-73-7	Fluorene	ND	6.7	0.70	ug/l	
118-74-1	Hexachlorobenzene	ND	17	0.82	ug/l	
87-68-3	Hexachlorobutadiene	ND	17	0.98	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	33	4.2	ug/l	
67-72-1	Hexachloroethane	ND	17	0.95	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	6.7	0.91	ug/l	
78-59-1	Isophorone	ND	17	1.6	ug/l	
91-57-6	2-Methylnaphthalene	ND	6.7	1.4	ug/l	
88-74-4	2-Nitroaniline	ND	33	1.2	ug/l	
99-09-2	3-Nitroaniline	ND	33	1.3	ug/l	
100-01-6	4-Nitroaniline	ND	33	1.7	ug/l	
91-20-3	Naphthalene	ND	6.7	1.0	ug/l	
98-95-3	Nitrobenzene	ND	17	1.6	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	17	0.85	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	17	0.83	ug/l	
85-01-8	Phenanthrene	ND	6.7	0.44	ug/l	
129-00-0	Pyrene	ND	6.7	0.57	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	17	0.92	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		10-79%
4165-62-2	Phenol-d5	28%		10-72%
118-79-6	2,4,6-Tribromophenol	80%		35-138%
4165-60-0	Nitrobenzene-d5	63%		30-116%
321-60-8	2-Fluorobiphenyl	66%		35-107%
1718-51-0	Terphenyl-d14	92%		43-135%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW5	Date Sampled:	01/29/15
Lab Sample ID:	MC36680-8	Date Received:	01/30/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	BK46060.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.83	0.55	ug/l	
11104-28-2	Aroclor 1221	ND	0.83	0.55	ug/l	
11141-16-5	Aroclor 1232	ND	0.83	0.59	ug/l	
53469-21-9	Aroclor 1242	ND	0.83	0.62	ug/l	
12672-29-6	Aroclor 1248	ND	0.83	0.41	ug/l	
11097-69-1	Aroclor 1254	ND	0.83	0.55	ug/l	
11096-82-5	Aroclor 1260	ND	0.83	0.63	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		10-147%
877-09-8	Tetrachloro-m-xylene	85%		10-147%
2051-24-3	Decachlorobiphenyl	62%		10-134%
2051-24-3	Decachlorobiphenyl	61%		10-134%

(a) Elevated RL due to limited sample volume received.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: TPMW5	Date Sampled: 01/29/15
Lab Sample ID: MC36680-8	Date Received: 01/30/15
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY	

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.7 U	4.0	1.7	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Barium	246	50	1.0	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Cadmium	0.43 U	4.0	0.43	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Chromium	0.70 B	10	0.48	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Lead	10.5	5.0	1.7	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Mercury	0.096 U	0.20	0.096	ug/l	1	02/03/15	02/03/15 SA	SW846 7470A ¹	SW846 7470A ⁴
Selenium	2.0 U	10	2.0	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³
Silver	1.0 U	5.0	1.0	ug/l	1	02/02/15	02/03/15 EAL	SW846 6010C ²	SW846 3010A ³

(1) Instrument QC Batch: MA17881

(2) Instrument QC Batch: MA17883

(3) Prep QC Batch: MP24217

(4) Prep QC Batch: MP24220

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

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[illegible]

MC36680: Chain of Custody

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC36680 Client: LCS Project: SALVAGE YARD
Date / Time Received: 1/30/2015 10:30:00 AM Delivery Method: Airbill #'s:
Cooler Temps (Initial/Adjusted): #1: (3.5/3.5):

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Thermometer ID: G1;
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

Accutest Laboratories
V: (508) 481-6200

495 Technology Center West, Bldg One
F: (508) 481-7753

Marlborough, MA 01752
www.accutest.com

MC36680: Chain of Custody
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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2542-MB	M71448.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/kg	
71-43-2	Benzene	ND	0.50	0.34	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	0.35	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.60	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.24	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.75	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.21	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.22	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.16	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.76	ug/kg	
67-66-3	Chloroform	ND	2.0	0.17	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.56	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.21	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.32	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.41	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.45	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.42	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.42	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.26	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.69	ug/kg	
591-78-6	2-Hexanone	ND	10	0.76	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.17	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.54	ug/kg	
75-09-2	Methylene chloride	ND	2.0	0.53	ug/kg	
91-20-3	Naphthalene	ND	5.0	0.40	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2542-MB	M71448.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Result	RL	MDL	Units	Q
103-65-1	n-Propylbenzene	ND	5.0	0.15	ug/kg	
100-42-5	Styrene	ND	5.0	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.31	ug/kg	
108-88-3	Toluene	ND	5.0	0.21	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.43	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.51	ug/kg	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.42	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.57	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.24	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.91	ug/kg	
	m,p-Xylene	ND	2.0	0.44	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.28	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 63-139%
2037-26-5	Toluene-D8	97% 61-136%
460-00-4	4-Bromofluorobenzene	88% 51-140%

Method Blank Summary

Page 1 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL4008-MB	L90594.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36680-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.22	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	

Method Blank Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL4008-MB	L90594.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-8

CAS No.	Compound	Result	RL	MDL	Units	Q
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	108% 67-134%
2037-26-5	Toluene-D8	96% 79-121%
460-00-4	4-Bromofluorobenzene	99% 71-133%

Blank Spike Summary

Page 1 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL4008-BS	L90591.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36680-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	44.3	89	10-147
71-43-2	Benzene	50	40.1	80	74-127
75-27-4	Bromodichloromethane	50	59.9	120	68-156
75-25-2	Bromoform	50	68.1	136* a	70-134
74-83-9	Bromomethane	50	46.3	93	14-180
78-93-3	2-Butanone (MEK)	50	48.5	97	23-148
104-51-8	n-Butylbenzene	50	50.1	100	75-140
135-98-8	sec-Butylbenzene	50	45.9	92	74-139
98-06-6	tert-Butylbenzene	50	51.1	102	71-141
75-15-0	Carbon disulfide	50	40.0	80	45-156
56-23-5	Carbon tetrachloride	50	69.8	140	67-152
108-90-7	Chlorobenzene	50	44.1	88	76-121
75-00-3	Chloroethane	50	41.9	84	54-177
67-66-3	Chloroform	50	51.3	103	68-139
74-87-3	Chloromethane	50	40.2	80	33-171
124-48-1	Dibromochloromethane	50	62.7	125	82-130
95-50-1	1,2-Dichlorobenzene	50	46.1	92	81-127
541-73-1	1,3-Dichlorobenzene	50	46.0	92	80-124
106-46-7	1,4-Dichlorobenzene	50	45.8	92	78-124
75-34-3	1,1-Dichloroethane	50	40.0	80	69-140
107-06-2	1,2-Dichloroethane	50	69.2	138	64-149
75-35-4	1,1-Dichloroethene	50	41.3	83	58-142
156-59-2	cis-1,2-Dichloroethene	50	40.9	82	68-129
156-60-5	trans-1,2-Dichloroethene	50	38.5	77	61-133
540-59-0	1,2-Dichloroethene (total)	100	79.5	80	61-133
78-87-5	1,2-Dichloropropane	50	41.1	82	74-135
10061-01-5	cis-1,3-Dichloropropene	50	59.8	120	75-138
10061-02-6	trans-1,3-Dichloropropene	50	54.8	110	70-150
100-41-4	Ethylbenzene	50	46.9	94	75-129
591-78-6	2-Hexanone	50	57.1	114	28-137
98-82-8	Isopropylbenzene	50	44.3	89	76-138
99-87-6	p-Isopropyltoluene	50	50.7	101	77-137
1634-04-4	Methyl Tert Butyl Ether	50	60.8	122	62-134
108-10-1	4-Methyl-2-pentanone (MIBK)	50	53.7	107	48-153
75-09-2	Methylene chloride	50	43.5	87	62-134
91-20-3	Naphthalene	50	46.2	92	32-196

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL4008-BS	L90591.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
103-65-1	n-Propylbenzene	50	42.3	85	74-138
100-42-5	Styrene	50	50.8	102	75-131
79-34-5	1,1,2,2-Tetrachloroethane	50	38.9	78	64-132
127-18-4	Tetrachloroethene	50	46.4	93	68-133
108-88-3	Toluene	50	45.6	91	75-134
87-61-6	1,2,3-Trichlorobenzene	50	58.3	117	51-169
120-82-1	1,2,4-Trichlorobenzene	50	56.1	112	62-146
108-70-3	1,3,5-Trichlorobenzene	50	50.1	100	72-139
71-55-6	1,1,1-Trichloroethane	50	60.5	121	66-152
79-00-5	1,1,2-Trichloroethane	50	45.9	92	70-138
79-01-6	Trichloroethene	50	46.4	93	70-131
95-63-6	1,2,4-Trimethylbenzene	50	47.5	95	76-133
108-67-8	1,3,5-Trimethylbenzene	50	47.5	95	72-131
75-01-4	Vinyl chloride	50	43.4	87	32-182
	m,p-Xylene	100	89.2	89	74-129
95-47-6	o-Xylene	50	45.4	91	77-127
1330-20-7	Xylene (total)	150	135	90	75-128

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	67-134%
2037-26-5	Toluene-D8	97%	79-121%
460-00-4	4-Bromofluorobenzene	91%	71-133%

(a) Outside control limits. Associated samples are non-detect for this compound.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2542-BS	M71445.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MSM2542-BSD	M71446.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	52.9	106	48.3	97	9	29-175/25
71-43-2	Benzene	50	44.9	90	43.8	88	2	72-123/25
75-27-4	Bromodichloromethane	50	47.5	95	46.6	93	2	78-137/25
75-25-2	Bromoform	50	59.1	118	57.8	116	2	61-155/25
74-83-9	Bromomethane	50	45.3	91	44.9	90	1	42-157/25
78-93-3	2-Butanone (MEK)	50	45.6	91	42.6	85	7	33-166/25
104-51-8	n-Butylbenzene	50	45.1	90	44.7	89	1	66-125/25
135-98-8	sec-Butylbenzene	50	45.5	91	45.6	91	0	69-123/25
98-06-6	tert-Butylbenzene	50	43.5	87	43.8	88	1	66-125/25
75-15-0	Carbon disulfide	50	47.0	94	45.3	91	4	62-127/25
56-23-5	Carbon tetrachloride	50	46.4	93	44.5	89	4	69-142/25
108-90-7	Chlorobenzene	50	52.3	105	51.1	102	2	72-118/25
75-00-3	Chloroethane	50	50.3	101	51.2	102	2	53-161/25
67-66-3	Chloroform	50	44.7	89	43.8	88	2	72-132/25
74-87-3	Chloromethane	50	46.0	92	45.4	91	1	39-158/25
124-48-1	Dibromochloromethane	50	56.2	112	55.5	111	1	74-142/25
95-50-1	1,2-Dichlorobenzene	50	49.9	100	49.6	99	1	70-124/25
541-73-1	1,3-Dichlorobenzene	50	48.3	97	48.0	96	1	71-122/25
106-46-7	1,4-Dichlorobenzene	50	47.7	95	47.1	94	1	73-126/25
75-34-3	1,1-Dichloroethane	50	47.6	95	46.7	93	2	65-152/25
107-06-2	1,2-Dichloroethane	50	45.2	90	44.3	89	2	71-137/25
75-35-4	1,1-Dichloroethene	50	51.3	103	49.9	100	3	68-135/25
156-59-2	cis-1,2-Dichloroethene	50	48.4	97	47.6	95	2	71-132/25
156-60-5	trans-1,2-Dichloroethene	50	50.1	100	49.0	98	2	72-140/25
540-59-0	1,2-Dichloroethene (total)	100	98.5	99	96.6	97	2	73-135/25
78-87-5	1,2-Dichloropropane	50	49.0	98	47.4	95	3	71-125/25
10061-01-5	cis-1,3-Dichloropropene	50	47.9	96	47.4	95	1	73-127/25
10061-02-6	trans-1,3-Dichloropropene	50	48.5	97	48.3	97	0	76-141/25
100-41-4	Ethylbenzene	50	48.7	97	47.4	95	3	73-123/25
591-78-6	2-Hexanone	50	45.1	90	42.4	85	6	38-157/25
98-82-8	Isopropylbenzene	50	44.9	90	45.0	90	0	69-123/25
99-87-6	p-Isopropyltoluene	50	45.9	92	45.8	92	0	68-128/25
1634-04-4	Methyl Tert Butyl Ether	50	44.1	88	43.2	86	2	68-134/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	42.7	85	41.2	82	4	55-147/25
75-09-2	Methylene chloride	50	47.2	94	45.4	91	4	71-139/25
91-20-3	Naphthalene	50	54.0	108	53.3	107	1	65-140/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSM2542-BS	M71445.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MSM2542-BSD	M71446.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	50	44.6	89	45.2	90	1	65-117/25
100-42-5	Styrene	50	52.2	104	51.0	102	2	74-125/25
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	45.3	91	1	66-138/25
127-18-4	Tetrachloroethene	50	51.4	103	50.3	101	2	67-130/25
108-88-3	Toluene	50	46.4	93	45.5	91	2	76-129/25
87-61-6	1,2,3-Trichlorobenzene	50	52.2	104	50.9	102	3	62-145/25
120-82-1	1,2,4-Trichlorobenzene	50	51.2	102	50.2	100	2	63-140/25
108-70-3	1,3,5-Trichlorobenzene	50	53.6	107	52.1	104	3	50-150/30 ^a
71-55-6	1,1,1-Trichloroethane	50	44.9	90	42.7	85	5	68-135/25
79-00-5	1,1,2-Trichloroethane	50	47.0	94	45.0	90	4	76-129/25
79-01-6	Trichloroethene	50	49.1	98	48.3	97	2	66-126/25
95-63-6	1,2,4-Trimethylbenzene	50	46.2	92	46.2	92	0	69-123/25
108-67-8	1,3,5-Trimethylbenzene	50	44.4	89	44.3	89	0	69-124/25
75-01-4	Vinyl chloride	50	47.0	94	47.0	94	0	44-163/25
	m,p-Xylene	100	100	100	97.4	97	3	72-121/25
95-47-6	o-Xylene	50	51.2	102	49.4	99	4	73-121/25
1330-20-7	Xylene (total)	150	151	101	147	98	3	73-120/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	96%	96%	63-139%
2037-26-5	Toluene-D8	96%	96%	61-136%
460-00-4	4-Bromofluorobenzene	88%	91%	51-140%

(a) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36680-1MS	M71456.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MC36680-1MSD	M71457.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MC36680-1	M71451.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	MC36680-1 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	59.8	38.1	64* a	51	32.1	63* a	17	70-130/30
71-43-2	Benzene	0.98	59.8	51.2	84	51	42.7	82	18	70-130/30
75-27-4	Bromodichloromethane	ND	59.8	45.6	76	51	37.9	74	18	70-130/30
75-25-2	Bromoform	ND	59.8	43.9	73	51	35.5	70	21	70-130/30
74-83-9	Bromomethane	ND	59.8	38.1	64* a	51	35.8	70	6	70-130/30
78-93-3	2-Butanone (MEK)	ND	59.8	11.4	19* a	51	15.8	31* a	32* b	70-130/30
104-51-8	n-Butylbenzene	ND	59.8	46.9	78	51	40.1	79	16	70-130/30
135-98-8	sec-Butylbenzene	ND	59.8	54.8	92	51	46.3	91	17	70-130/30
98-06-6	tert-Butylbenzene	ND	59.8	54.1	90	51	45.9	90	16	70-130/30
75-15-0	Carbon disulfide	ND	59.8	56.6	95	51	45.6	89	22	70-130/30
56-23-5	Carbon tetrachloride	ND	59.8	51.9	87	51	43.2	85	18	70-130/30
108-90-7	Chlorobenzene	ND	59.8	45.1	75	51	37.1	73	19	70-130/30
75-00-3	Chloroethane	ND	59.8	43.8	73	51	42.4	83	3	70-130/30
67-66-3	Chloroform	ND	59.8	50.4	84	51	41.9	82	18	70-130/30
74-87-3	Chloromethane	ND	59.8	39.0	65* a	51	35.7	70	9	70-130/30
124-48-1	Dibromochloromethane	ND	59.8	49.1	82	51	39.8	78	21	70-130/30
95-50-1	1,2-Dichlorobenzene	ND	59.8	30.7	51* a	51	25.6	50* a	18	70-130/30
541-73-1	1,3-Dichlorobenzene	ND	59.8	34.9	58* a	51	28.7	56* a	19	70-130/30
106-46-7	1,4-Dichlorobenzene	ND	59.8	32.8	55* a	51	26.9	53* a	20	70-130/30
75-34-3	1,1-Dichloroethane	ND	59.8	56.3	94	51	46.1	90	20	70-131/30
107-06-2	1,2-Dichloroethane	ND	59.8	45.3	76	51	38.0	75	18	70-130/30
75-35-4	1,1-Dichloroethene	ND	59.8	61.4	103	51	51.1	100	18	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND	59.8	53.1	89	51	43.9	86	19	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND	59.8	57.7	96	51	47.9	94	19	70-130/30
540-59-0	1,2-Dichloroethene (total)	ND	120	111	93	102	91.8	90	19	70-130/30
78-87-5	1,2-Dichloropropane	ND	59.8	49.7	83	51	40.8	80	20	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND	59.8	43.1	72	51	35.5	70	19	70-130/30
10061-02-6	trans-1,3-Dichloropropene	ND	59.8	39.2	66* a	51	32.2	63* a	20	70-130/30
100-41-4	Ethylbenzene	ND	59.8	47.9	80	51	39.9	78	18	70-130/30
591-78-6	2-Hexanone	ND	59.8	25.2	42* a	51	22.7	45* a	10	70-130/30
98-82-8	Isopropylbenzene	ND	59.8	56.2	94	51	46.8	92	18	70-130/30
99-87-6	p-Isopropyltoluene	ND	59.8	52.3	87	51	44.2	87	17	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND	59.8	51.5	86	51	42.8	84	18	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	59.8	49.5	83	51	40.6	80	20	70-130/30
75-09-2	Methylene chloride	ND	59.8	54.7	91	51	44.7	88	20	70-130/30
91-20-3	Naphthalene	ND	59.8	20.8	35* a	51	16.7	33* a	22	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36680-1MS	M71456.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MC36680-1MSD	M71457.D	1	02/03/15	AMY	n/a	n/a	MSM2542
MC36680-1	M71451.D	1	02/03/15	AMY	n/a	n/a	MSM2542

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	MC36680-1 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	ND		59.8	53.0	89	51	44.4	87	18	70-130/30
100-42-5	Styrene	ND		59.8	36.3	61* a	51	31.1	61* a	15	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		59.8	43.7	73	51	34.7	68* a	23	70-130/30
127-18-4	Tetrachloroethene	ND		59.8	56.3	94	51	47.1	92	18	70-130/30
108-88-3	Toluene	1.6	J	59.8	54.2	88	51	44.4	84	20	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		59.8	15.3	26* a	51	11.8	23* a	26	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		59.8	17.1	29* a	51	13.9	27* a	21	70-130/30
108-70-3	1,3,5-Trichlorobenzene	ND		59.8	28.1	47* a	51	23.5	46* a	18	50-150/30 c
71-55-6	1,1,1-Trichloroethane	ND		59.8	51.9	87	51	42.5	83	20	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		59.8	42.9	72	51	34.8	68* a	21	70-130/30
79-01-6	Trichloroethene	ND		59.8	52.1	87	51	43.4	85	18	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		59.8	49.9	83	51	41.4	81	19	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		59.8	50.8	85	51	41.9	82	19	70-130/30
75-01-4	Vinyl chloride	ND		59.8	39.6	66* a	51	38.2	75	4	70-130/30
	m,p-Xylene	1.5		120	102	84	102	84.3	81	19	70-130/30
95-47-6	o-Xylene	0.40	J	59.8	47.9	79	51	40.2	78	17	70-130/30
1330-20-7	Xylene (total)	1.9		179	150	83	153	124	80	19	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36680-1	Limits
1868-53-7	Dibromofluoromethane	112%	112%	107%	63-139%
2037-26-5	Toluene-D8	94%	94%	91%	61-136%
460-00-4	4-Bromofluorobenzene	106%	106%	104%	51-140%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

(c) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingers, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36707-3MS	L90600.D	5	02/04/15	GK	n/a	n/a	MSL4008
MC36707-3MSD	L90601.D	5	02/04/15	GK	n/a	n/a	MSL4008
MC36707-3	L90599.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-8

CAS No.	Compound	MC36707-3 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	250	86.6	35	250	118	47	31* a	10-135/30
71-43-2	Benzene	ND	250	198	79	250	229	92	15	69-136/30
75-27-4	Bromodichloromethane	ND	250	318	127	250	373	149	16	63-163/30
75-25-2	Bromoform	ND	250	313	125	250	390	156* b	22	61-140/30
74-83-9	Bromomethane	ND	250	221	88	250	265	106	18	10-175/30
78-93-3	2-Butanone (MEK)	ND	250	129	52	250	216	86	50* a	19-130/30
104-51-8	n-Butylbenzene	ND	250	228	91	250	271	108	17	65-147/30
135-98-8	sec-Butylbenzene	ND	250	217	87	250	248	99	13	72-143/30
98-06-6	tert-Butylbenzene	ND	250	250	100	250	285	114	13	66-146/30
75-15-0	Carbon disulfide	ND	250	191	76	250	216	86	12	33-170/30
56-23-5	Carbon tetrachloride	ND	250	365	146	250	416	166* c	13	61-163/30
108-90-7	Chlorobenzene	ND	250	216	86	250	247	99	13	73-127/30
75-00-3	Chloroethane	ND	250	203	81	250	241	96	17	56-176/30
67-66-3	Chloroform	ND	250	265	106	250	300	120	12	65-146/30
74-87-3	Chloromethane	ND	250	163	65	250	219	88	29	23-176/30
124-48-1	Dibromochloromethane	ND	250	301	120	250	372	149* c	21	76-135/30
95-50-1	1,2-Dichlorobenzene	ND	250	227	91	250	266	106	16	74-134/30
541-73-1	1,3-Dichlorobenzene	ND	250	227	91	250	261	104	14	76-128/30
106-46-7	1,4-Dichlorobenzene	ND	250	227	91	250	261	104	14	75-126/30
75-34-3	1,1-Dichloroethane	ND	250	204	82	250	223	89	9	66-148/30
107-06-2	1,2-Dichloroethane	ND	250	382	153	250	440	176* c	14	59-157/30
75-35-4	1,1-Dichloroethene	ND	250	190	76	250	217	87	13	54-152/30
156-59-2	cis-1,2-Dichloroethene	ND	250	206	82	250	238	95	14	58-142/30
156-60-5	trans-1,2-Dichloroethene	ND	250	181	72	250	210	84	15	57-142/30
540-59-0	1,2-Dichloroethene (total)	ND	500	387	77	500	447	89	14	57-142/30
78-87-5	1,2-Dichloropropane	ND	250	203	81	250	233	93	14	70-142/30
10061-01-5	cis-1,3-Dichloropropene	ND	250	298	119	250	346	138	15	69-140/30
10061-02-6	trans-1,3-Dichloropropene	ND	250	257	103	250	330	132	25	64-153/30
100-41-4	Ethylbenzene	ND	250	230	92	250	265	106	14	67-141/30
591-78-6	2-Hexanone	ND	250	150	60	250	240	96	46* a	25-118/30
98-82-8	Isopropylbenzene	ND	250	215	86	250	243	97	12	71-144/30
99-87-6	p-Isopropyltoluene	ND	250	241	96	250	280	112	15	72-141/30
1634-04-4	Methyl Tert Butyl Ether	ND	250	272	109	250	358	143	27	48-149/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	211	84	250	327	131	43* a	46-158/30
75-09-2	Methylene chloride	ND	250	218	87	250	248	99	13	58-143/30
91-20-3	Naphthalene	ND	250	167	67	250	258	103	43* a	19-200/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36707-3MS	L90600.D	5	02/04/15	GK	n/a	n/a	MSL4008
MC36707-3MSD	L90601.D	5	02/04/15	GK	n/a	n/a	MSL4008
MC36707-3	L90599.D	1	02/04/15	GK	n/a	n/a	MSL4008

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36680-8

CAS No.	Compound	MC36707-3 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	ND	250	203	81	250	230	92	12	67-145/30
100-42-5	Styrene	ND	250	244	98	250	284	114	15	54-150/30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	167	67	250	224	90	29	61-137/30
127-18-4	Tetrachloroethene	ND	250	224	90	250	261	104	15	64-139/30
108-88-3	Toluene	ND	250	223	89	250	261	104	16	72-141/30
87-61-6	1,2,3-Trichlorobenzene	ND	250	229	92	250	324	130	34* a	40-170/30
120-82-1	1,2,4-Trichlorobenzene	ND	250	232	93	250	314	126	30	54-147/30
108-70-3	1,3,5-Trichlorobenzene	ND	250	228	91	250	274	110	18	67-140/30
71-55-6	1,1,1-Trichloroethane	ND	250	308	123	250	349	140	12	61-164/30
79-00-5	1,1,2-Trichloroethane	ND	250	206	82	250	268	107	26	65-145/30
79-01-6	Trichloroethene	ND	250	235	94	250	269	108	13	64-139/30
95-63-6	1,2,4-Trimethylbenzene	ND	250	233	93	250	265	106	13	66-142/30
108-67-8	1,3,5-Trimethylbenzene	ND	250	233	93	250	265	106	13	68-135/30
75-01-4	Vinyl chloride	ND	250	182	73	250	243	97	29	25-187/30
	m,p-Xylene	ND	500	433	87	500	498	100	14	67-138/30
95-47-6	o-Xylene	ND	250	221	88	250	248	99	12	72-135/30
1330-20-7	Xylene (total)	ND	750	653	87	750	746	99	13	67-139/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36707-3	Limits
1868-53-7	Dibromofluoromethane	109%	110%	111%	67-134%
2037-26-5	Toluene-D8	98%	99%	97%	79-121%
460-00-4	4-Bromofluorobenzene	91%	91%	99%	71-133%

- (a) High RPD due to possible matrix interference and/or sample non-homogeneity.
 (b) Outside control limits. Associated samples are non-detect for this compound.
 (c) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC36680
Account: LCSNYB Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8260C	Matrix: AQ
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Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36680-8	L90611.D	108	95	99
MC36707-3MS	L90600.D	109	98	91
MC36707-3MSD	L90601.D	110	99	91
MSL4008-BS	L90591.D	108	97	91
MSL4008-MB	L90594.D	108	96	99

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	67-134%
S2 = Toluene-D8	79-121%
S3 = 4-Bromofluorobenzene	71-133%

Volatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36680-1	M71451.D	107	91	104
MC36680-2	M71452.D	105	90	101
MC36680-4	M71453.D	106	95	93
MC36680-5	M71454.D	104	93	99
MC36680-6	M71455.D	107	92	101
MC36680-1MS	M71456.D	112	94	106
MC36680-1MSD	M71457.D	112	94	106
MSM2542-BS	M71445.D	96	96	88
MSM2542-BSD	M71446.D	96	96	91
MSM2542-MB	M71448.D	96	97	88

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

63-139%

S2 = Toluene-D8

61-136%

S3 = 4-Bromofluorobenzene

51-140%

5.5.2
5

GC/MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

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Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-MB	W20239.D	1	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	240	11	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	480	12	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	480	14	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	480	79	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	120	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	60	ug/kg	
95-48-7	2-Methylphenol	ND	480	19	ug/kg	
	3&4-Methylphenol	ND	480	24	ug/kg	
88-75-5	2-Nitrophenol	ND	480	13	ug/kg	
100-02-7	4-Nitrophenol	ND	970	91	ug/kg	
87-86-5	Pentachlorophenol	ND	480	34	ug/kg	
108-95-2	Phenol	ND	240	14	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	480	12	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	480	12	ug/kg	
83-32-9	Acenaphthene	ND	97	13	ug/kg	
208-96-8	Acenaphthylene	ND	97	9.7	ug/kg	
120-12-7	Anthracene	ND	97	12	ug/kg	
56-55-3	Benzo(a)anthracene	ND	97	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	97	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	97	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	97	9.6	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	97	15	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	240	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	13	ug/kg	
106-47-8	4-Chloroaniline	ND	480	12	ug/kg	
86-74-8	Carbazole	ND	97	11	ug/kg	
218-01-9	Chrysene	ND	97	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	11	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	15	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	480	32	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	480	12	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	240	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	97	12	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-MB	W20239.D	1	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Result	RL	MDL	Units	Q
132-64-9	Dibenzofuran	ND	97	13	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	240	26	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	240	7.6	ug/kg	
84-66-2	Diethyl phthalate	ND	240	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	240	14	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	240	8.9	ug/kg	
206-44-0	Fluoranthene	ND	97	13	ug/kg	
86-73-7	Fluorene	ND	97	13	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	480	120	ug/kg	
67-72-1	Hexachloroethane	ND	240	12	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	97	11	ug/kg	
78-59-1	Isophorone	ND	240	11	ug/kg	
91-57-6	2-Methylnaphthalene	ND	97	12	ug/kg	
88-74-4	2-Nitroaniline	ND	480	12	ug/kg	
99-09-2	3-Nitroaniline	ND	480	26	ug/kg	
100-01-6	4-Nitroaniline	ND	480	12	ug/kg	
91-20-3	Naphthalene	ND	97	16	ug/kg	
98-95-3	Nitrobenzene	ND	240	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	14	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	15	ug/kg	
85-01-8	Phenanthrene	ND	97	13	ug/kg	
129-00-0	Pyrene	ND	97	11	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	13	ug/kg	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	56% 26-108%
4165-62-2	Phenol-d5	61% 30-106%
118-79-6	2,4,6-Tribromophenol	70% 10-128%
4165-60-0	Nitrobenzene-d5	53% 24-120%
321-60-8	2-Fluorobiphenyl	59% 33-113%
1718-51-0	Terphenyl-d14	83% 47-129%

Method Blank Summary

Page 1 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-MB	X05681.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-8

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.29	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.51	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.47	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	0.34	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	ug/l	
95-48-7	2-Methylphenol	ND	10	0.30	ug/l	
	3&4-Methylphenol	ND	10	0.44	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.47	ug/l	
100-02-7	4-Nitrophenol	ND	20	1.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.35	ug/l	
108-95-2	Phenol	ND	5.0	0.32	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.45	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.45	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	2.0	0.17	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.51	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.47	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.25	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.24	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.34	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.36	ug/l	
86-74-8	Carbazole	ND	2.0	0.16	ug/l	
218-01-9	Chrysene	ND	2.0	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.49	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.42	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.37	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.38	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.27	ug/l	

Method Blank Summary

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Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-MB	X05681.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-8

CAS No.	Compound	Result	RL	MDL	Units	Q
132-64-9	Dibenzofuran	ND	2.0	0.25	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.27	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.29	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.27	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.24	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.32	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.33	ug/l	
86-73-7	Fluorene	ND	2.0	0.21	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.24	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.3	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.28	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.47	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.36	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.40	ug/l	
100-01-6	4-Nitroaniline	ND	10	0.51	ug/l	
91-20-3	Naphthalene	ND	2.0	0.31	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.48	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.26	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.25	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.13	ug/l	
129-00-0	Pyrene	ND	2.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	35% 10-79%
4165-62-2	Phenol-d5	24% 10-72%
118-79-6	2,4,6-Tribromophenol	69% 35-138%
4165-60-0	Nitrobenzene-d5	58% 30-116%
321-60-8	2-Fluorobiphenyl	58% 35-107%
1718-51-0	Terphenyl-d14	90% 43-135%

Blank Spike Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-BS	W20240.D	1	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	2440	1800	74	46-109
59-50-7	4-Chloro-3-methyl phenol	2440	1940	80	47-121
120-83-2	2,4-Dichlorophenol	2440	1810	74	49-112
105-67-9	2,4-Dimethylphenol	2440	1720	70	45-118
51-28-5	2,4-Dinitrophenol	2440	1860	76	10-116
534-52-1	4,6-Dinitro-o-cresol	2440	2190	90	19-137
95-48-7	2-Methylphenol	2440	1750	72	24-134
	3&4-Methylphenol	4880	3610	74	27-127
88-75-5	2-Nitrophenol	2440	1720	70	47-109
100-02-7	4-Nitrophenol	2440	1930	79	25-137
87-86-5	Pentachlorophenol	2440	2200	90	30-109
108-95-2	Phenol	2440	1770	73	44-117
95-95-4	2,4,5-Trichlorophenol	2440	2080	85	51-115
88-06-2	2,4,6-Trichlorophenol	2440	1780	73	50-114
83-32-9	Acenaphthene	2440	1970	81	57-117
208-96-8	Acenaphthylene	2440	1790	73	44-109
120-12-7	Anthracene	2440	2090	86	59-117
56-55-3	Benzo(a)anthracene	2440	2190	90	64-132
50-32-8	Benzo(a)pyrene	2440	2240	92	55-113
205-99-2	Benzo(b)fluoranthene	2440	2230	91	60-131
191-24-2	Benzo(g,h,i)perylene	2440	2290	94	54-126
207-08-9	Benzo(k)fluoranthene	2440	2110	86	59-131
101-55-3	4-Bromophenyl phenyl ether	2440	2030	83	57-125
85-68-7	Butyl benzyl phthalate	2440	2260	93	50-154
91-58-7	2-Chloronaphthalene	2440	2000	82	54-119
106-47-8	4-Chloroaniline	2440	1400	57	31-96
86-74-8	Carbazole	2440	2270	93	59-120
218-01-9	Chrysene	2440	2230	91	61-123
111-91-1	bis(2-Chloroethoxy)methane	2440	1920	79	46-121
111-44-4	bis(2-Chloroethyl)ether	2440	1800	74	42-127
108-60-1	bis(2-Chloroisopropyl)ether	2440	2310	95	28-162
7005-72-3	4-Chlorophenyl phenyl ether	2440	2060	84	53-122
121-14-2	2,4-Dinitrotoluene	2440	2160	89	56-123
606-20-2	2,6-Dinitrotoluene	2440	2030	83	55-119
91-94-1	3,3'-Dichlorobenzidine	2440	1820	75	39-134
53-70-3	Dibenzo(a,h)anthracene	2440	2240	92	55-133

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-BS	W20240.D	1	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
132-64-9	Dibenzofuran	2440	2090	86	53-110
84-74-2	Di-n-butyl phthalate	2440	2160	89	58-125
117-84-0	Di-n-octyl phthalate	2440	2340	96	39-180
84-66-2	Diethyl phthalate	2440	2160	89	58-126
131-11-3	Dimethyl phthalate	2440	2080	85	59-123
117-81-7	bis(2-Ethylhexyl)phthalate	2440	2330	95	51-162
206-44-0	Fluoranthene	2440	2240	92	62-123
86-73-7	Fluorene	2440	2100	86	57-119
118-74-1	Hexachlorobenzene	2440	2050	84	51-125
87-68-3	Hexachlorobutadiene	2440	1740	71	40-122
77-47-4	Hexachlorocyclopentadiene	2440	1190	49	10-107
67-72-1	Hexachloroethane	2440	1740	71	44-107
193-39-5	Indeno(1,2,3-cd)pyrene	2440	2290	94	50-130
78-59-1	Isophorone	2440	1700	70	44-121
91-57-6	2-Methylnaphthalene	2440	1950	80	48-111
88-74-4	2-Nitroaniline	2440	2200	90	55-121
99-09-2	3-Nitroaniline	2440	1710	70	41-112
100-01-6	4-Nitroaniline	2440	2160	89	48-119
91-20-3	Naphthalene	2440	1800	74	48-129
98-95-3	Nitrobenzene	2440	1810	74	45-124
621-64-7	N-Nitroso-di-n-propylamine	2440	2010	82	48-128
86-30-6	N-Nitrosodiphenylamine	2440	1930	79	54-116
85-01-8	Phenanthrene	2440	2050	84	60-121
129-00-0	Pyrene	2440	2150	88	58-136
120-82-1	1,2,4-Trichlorobenzene	2440	1780	73	48-117

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	69%	26-108%
4165-62-2	Phenol-d5	74%	30-106%
118-79-6	2,4,6-Tribromophenol	83%	10-128%
4165-60-0	Nitrobenzene-d5	68%	24-120%
321-60-8	2-Fluorobiphenyl	72%	33-113%
1718-51-0	Terphenyl-d14	86%	47-129%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-BS	X05682.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	28.6	57	47-106
59-50-7	4-Chloro-3-methyl phenol	50	33.5	67	50-111
120-83-2	2,4-Dichlorophenol	50	32.4	65	53-114
105-67-9	2,4-Dimethylphenol	50	27.0	54	23-110
51-28-5	2,4-Dinitrophenol	50	15.4	31	10-156
534-52-1	4,6-Dinitro-o-cresol	50	23.3	47	17-159
95-48-7	2-Methylphenol	50	25.6	51	40-92
	3&4-Methylphenol	100	47.2	47	38-86
88-75-5	2-Nitrophenol	50	30.6	61	53-115
100-02-7	4-Nitrophenol	50	17.1	34	10-83
87-86-5	Pentachlorophenol	50	31.5	63	41-122
108-95-2	Phenol	50	13.8	28	15-55
95-95-4	2,4,5-Trichlorophenol	50	37.6	75	52-120
88-06-2	2,4,6-Trichlorophenol	50	34.0	68	53-119
83-32-9	Acenaphthene	50	33.5	67	62-115
208-96-8	Acenaphthylene	50	29.8	60	49-102
120-12-7	Anthracene	50	41.4	83	69-112
56-55-3	Benzo(a)anthracene	50	43.0	86	75-127
50-32-8	Benzo(a)pyrene	50	40.3	81	69-116
205-99-2	Benzo(b)fluoranthene	50	42.9	86	69-131
191-24-2	Benzo(g,h,i)perylene	50	42.9	86	66-137
207-08-9	Benzo(k)fluoranthene	50	40.6	81	64-120
101-55-3	4-Bromophenyl phenyl ether	50	42.7	85	65-127
85-68-7	Butyl benzyl phthalate	50	42.0	84	68-128
91-58-7	2-Chloronaphthalene	50	32.9	66	58-120
106-47-8	4-Chloroaniline	50	27.3	55	48-106
86-74-8	Carbazole	50	43.4	87	70-113
218-01-9	Chrysene	50	42.8	86	70-117
111-91-1	bis(2-Chloroethoxy)methane	50	29.7	59	42-118
111-44-4	bis(2-Chloroethyl)ether	50	27.0	54	35-123
108-60-1	bis(2-Chloroisopropyl)ether	50	30.3	61	37-160
7005-72-3	4-Chlorophenyl phenyl ether	50	39.2	78	57-121
121-14-2	2,4-Dinitrotoluene	50	40.3	81	64-127
606-20-2	2,6-Dinitrotoluene	50	38.3	77	55-135
91-94-1	3,3'-Dichlorobenzidine	50	36.9	74	49-141
53-70-3	Dibenzo(a,h)anthracene	50	40.9	82	55-153

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: MC36680**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-BS	X05682.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36680-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
132-64-9	Dibenzofuran	50	36.2	72	60-107
84-74-2	Di-n-butyl phthalate	50	42.1	84	68-117
117-84-0	Di-n-octyl phthalate	50	40.9	82	60-139
84-66-2	Diethyl phthalate	50	41.3	83	51-127
131-11-3	Dimethyl phthalate	50	39.7	79	22-147
117-81-7	bis(2-Ethylhexyl)phthalate	50	42.6	85	69-133
206-44-0	Fluoranthene	50	43.7	87	73-122
86-73-7	Fluorene	50	38.8	78	65-117
118-74-1	Hexachlorobenzene	50	42.8	86	62-131
87-68-3	Hexachlorobutadiene	50	26.7	53	14-120
77-47-4	Hexachlorocyclopentadiene	50	13.0	26	10-74
67-72-1	Hexachloroethane	50	23.0	46	15-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.7	85	56-149
78-59-1	Isophorone	50	26.2	52	44-110
91-57-6	2-Methylnaphthalene	50	30.5	61	46-111
88-74-4	2-Nitroaniline	50	39.3	79	63-123
99-09-2	3-Nitroaniline	50	38.6	77	63-112
100-01-6	4-Nitroaniline	50	39.6	79	58-114
91-20-3	Naphthalene	50	37.4	75	40-125
98-95-3	Nitrobenzene	50	28.2	56	37-130
621-64-7	N-Nitroso-di-n-propylamine	50	28.4	57	44-128
86-30-6	N-Nitrosodiphenylamine	50	39.4	79	62-107
85-01-8	Phenanthrene	50	41.6	83	70-117
129-00-0	Pyrene	50	43.4	87	69-120
120-82-1	1,2,4-Trichlorobenzene	50	27.5	55	33-111

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	36%	10-79%
4165-62-2	Phenol-d5	25%	10-72%
118-79-6	2,4,6-Tribromophenol	82%	35-138%
4165-60-0	Nitrobenzene-d5	61%	30-116%
321-60-8	2-Fluorobiphenyl	65%	35-107%
1718-51-0	Terphenyl-d14	97%	43-135%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingers, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-MS ^a	W20252.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
OP41885-MSD ^a	W20253.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
MC36674-1 ^a	W20254.D	10	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	MC36674-1 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND	3040	2000	66	3120	1960	63	2	30-130/30
59-50-7	4-Chloro-3-methyl phenol	ND	3040	2570	84	3120	2970	95	14	30-130/30
120-83-2	2,4-Dichlorophenol	ND	3040	2120	70	3120	1870	60	13	30-130/30
105-67-9	2,4-Dimethylphenol	ND	3040	2250	74	3120	2350	75	4	30-130/30
51-28-5	2,4-Dinitrophenol	ND	3040	ND	0* ^b	3120	ND	0* ^b	nc	30-130/30
534-52-1	4,6-Dinitro-o-cresol	ND	3040	ND	0* ^b	3120	ND	0* ^b	nc	30-130/30
95-48-7	2-Methylphenol	ND	3040	2730	90	3120	2430	78	12	30-130/30
	3&4-Methylphenol	ND	6080	4600	76	6240	5080	81	10	30-130/30
88-75-5	2-Nitrophenol	ND	3040	2590	85	3120	2330	75	11	30-130/30
100-02-7	4-Nitrophenol	ND	3040	2730	90	3120	2760	88	1	30-130/30
87-86-5	Pentachlorophenol	ND	3040	1920	63	3120	2030	65	6	30-130/30
108-95-2	Phenol	ND	3040	2160	71	3120	2430	78	12	30-130/30
95-95-4	2,4,5-Trichlorophenol	ND	3040	2280	75	3120	2260	72	1	30-130/30
88-06-2	2,4,6-Trichlorophenol	ND	3040	2040	67	3120	2060	66	1	30-130/30
83-32-9	Acenaphthene	ND	3040	2370	78	3120	2550	82	7	40-140/30
208-96-8	Acenaphthylene	ND	3040	2120	70	3120	2200	71	4	40-140/30
120-12-7	Anthracene	ND	3040	2520	83	3120	2450	79	3	40-140/30
56-55-3	Benzo(a)anthracene	ND	3040	2710	89	3120	2710	87	0	40-140/30
50-32-8	Benzo(a)pyrene	ND	3040	2400	79	3120	2310	74	4	40-140/30
205-99-2	Benzo(b)fluoranthene	ND	3040	2620	86	3120	2530	81	3	40-140/30
191-24-2	Benzo(g,h,i)perylene	ND	3040	2580	85	3120	2710	87	5	40-140/30
207-08-9	Benzo(k)fluoranthene	ND	3040	2480	82	3120	2890	93	15	40-140/30
101-55-3	4-Bromophenyl phenyl ether	ND	3040	2510	83	3120	2370	76	6	40-140/30
85-68-7	Butyl benzyl phthalate	ND	3040	4340	143* ^b	3120	4270	137	2	40-140/30
91-58-7	2-Chloronaphthalene	ND	3040	2510	83	3120	2520	81	0	40-140/30
106-47-8	4-Chloroaniline	ND	3040	1690	56	3120	2050	66	19	40-140/30
86-74-8	Carbazole	ND	3040	2730	90	3120	2740	88	0	40-140/30
218-01-9	Chrysene	ND	3040	2980	98	3120	2890	93	3	40-140/30
111-91-1	bis(2-Chloroethoxy)methane	ND	3040	2400	79	3120	2200	71	9	40-140/30
111-44-4	bis(2-Chloroethyl)ether	ND	3040	2190	72	3120	2320	74	6	40-140/30
108-60-1	bis(2-Chloroisopropyl)ether	ND	3040	3030	100	3120	3160	101	4	40-140/30
7005-72-3	4-Chlorophenyl phenyl ether	ND	3040	2510	83	3120	2380	76	5	40-140/30
121-14-2	2,4-Dinitrotoluene	ND	3040	2320	76	3120	3010	97	26	40-140/30
606-20-2	2,6-Dinitrotoluene	ND	3040	2790	92	3120	2410	77	15	40-140/30
91-94-1	3,3'-Dichlorobenzidine	ND	3040	2620	86	3120	2560	82	2	40-140/30
53-70-3	Dibenzo(a,h)anthracene	ND	3040	2600	85	3120	2300	74	12	40-140/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-MS ^a	W20252.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
OP41885-MSD ^a	W20253.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
MC36674-1 ^a	W20254.D	10	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

CAS No.	Compound	MC36674-1 ug/kg	Spike Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
132-64-9	Dibenzofuran	ND		3040	2610	86	3120	2610	84	0	40-140/30
84-74-2	Di-n-butyl phthalate	ND		3040	2720	89	3120	2810	90	3	40-140/30
117-84-0	Di-n-octyl phthalate	ND		3040	3480	114	3120	3670	118	5	40-140/30
84-66-2	Diethyl phthalate	ND		3040	2390	79	3120	2780	89	15	40-140/30
131-11-3	Dimethyl phthalate	ND		3040	2660	87	3120	2500	80	6	40-140/30
117-81-7	bis(2-Ethylhexyl)phthalate	ND		3040	4040	133	3120	4120	132	2	40-140/30
206-44-0	Fluoranthene	ND		3040	2650	87	3120	3030	97	13	40-140/30
86-73-7	Fluorene	806	J	3040	3420	86	3120	3300	80	4	40-140/30
118-74-1	Hexachlorobenzene	ND		3040	2450	81	3120	2260	72	8	40-140/30
87-68-3	Hexachlorobutadiene	ND		3040	2290	75	3120	2050	66	11	40-140/30
77-47-4	Hexachlorocyclopentadiene	ND		3040	ND	0* ^b	3120	ND	0* ^b	nc	40-140/30
67-72-1	Hexachloroethane	ND		3040	2360	78	3120	2090	67	12	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3040	2480	82	3120	2450	79	1	40-140/30
78-59-1	Isophorone	ND		3040	2550	84	3120	2580	83	1	40-140/30
91-57-6	2-Methylnaphthalene	925	J	3040	3880	97	3120	3830	93	1	40-140/30
88-74-4	2-Nitroaniline	ND		3040	2580	85	3120	2590	83	0	40-140/30
99-09-2	3-Nitroaniline	ND		3040	2470	81	3120	2580	83	4	40-140/30
100-01-6	4-Nitroaniline	ND		3040	1820	60	3120	2740	88	40* ^c	40-140/30
91-20-3	Naphthalene	2680		3040	5500	93	3120	5520	91	0	40-140/30
98-95-3	Nitrobenzene	ND		3040	2900	95	3120	2360	76	21	40-140/30
621-64-7	N-Nitroso-di-n-propylamine	ND		3040	8810	290* ^b	3120	7520	241* ^b	16	40-140/30
86-30-6	N-Nitrosodiphenylamine	ND		3040	3030	100	3120	4430	142* ^b	38* ^c	40-140/30
85-01-8	Phenanthrene	1370		3040	3990	86	3120	3990	84	0	40-140/30
129-00-0	Pyrene	ND		3040	2780	91	3120	3040	97	9	40-140/30
120-82-1	1,2,4-Trichlorobenzene	ND		3040	2250	74	3120	2080	67	8	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36674-1	Limits
367-12-4	2-Fluorophenol	61%	57%	56%	26-108%
4165-62-2	Phenol-d5	80%	67%	58%	30-106%
118-79-6	2,4,6-Tribromophenol	65%	67%	61%	10-128%
4165-60-0	Nitrobenzene-d5	101%	104%	90%	24-120%
321-60-8	2-Fluorobiphenyl	68%	67%	62%	33-113%
1718-51-0	Terphenyl-d14	73%	77%	70%	47-129%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41885-MS ^a	W20252.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
OP41885-MSD ^a	W20253.D	10	02/05/15	KD	01/31/15	OP41885	MSW881
MC36674-1 ^a	W20254.D	10	02/05/15	KD	01/31/15	OP41885	MSW881

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-1, MC36680-2, MC36680-4, MC36680-5, MC36680-6

- (a) Elevated RL due to dilution required for matrix interference.
- (b) Outside control limits due to possible matrix interference. Refer to Blank Spike.
- (c) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-MS	X05685.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
OP41935-MSD	X05686.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
MC36700-14	X05687.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-8

CAS No.	Compound	MC36700-14 Spike ug/l	Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND	50	30.8	62	50	30.5	61	1	37-112/20
59-50-7	4-Chloro-3-methyl phenol	ND	50	37.5	75	50	39.1	78	4	43-115/20
120-83-2	2,4-Dichlorophenol	ND	50	35.5	71	50	35.4	71	0	47-119/20
105-67-9	2,4-Dimethylphenol	ND	50	32.1	64	50	30.2	60	6	15-118/20
51-28-5	2,4-Dinitrophenol	ND	50	22.4	45	50	28.3	57	23* a	10-165/20
534-52-1	4,6-Dinitro-o-cresol	ND	50	32.1	64	50	37.7	75	16	13-165/20
95-48-7	2-Methylphenol	ND	50	27.3	55	50	27.0	54	1	30-99/20
	3&4-Methylphenol	ND	100	51.6	52	100	51.3	51	1	32-89/20
88-75-5	2-Nitrophenol	ND	50	34.0	68	50	32.5	65	5	44-120/20
100-02-7	4-Nitrophenol	ND	50	16.9	34	50	17.7	35	5	10-93/20
87-86-5	Pentachlorophenol	ND	50	33.1	66	50	36.2	72	9	33-131/20
108-95-2	Phenol	ND	50	14.9	30	50	14.6	29	2	15-53/20
95-95-4	2,4,5-Trichlorophenol	ND	50	42.7	85	50	43.0	86	1	45-126/20
88-06-2	2,4,6-Trichlorophenol	ND	50	39.5	79	50	39.6	79	0	45-124/20
83-32-9	Acenaphthene	ND	50	37.6	75	50	37.5	75	0	55-119/20
208-96-8	Acenaphthylene	ND	50	34.6	69	50	34.1	68	1	44-104/20
120-12-7	Anthracene	ND	50	43.2	86	50	42.5	85	2	60-118/20
56-55-3	Benzo(a)anthracene	ND	50	44.1	88	50	44.0	88	0	66-132/20
50-32-8	Benzo(a)pyrene	ND	50	41.8	84	50	41.7	83	0	61-121/20
205-99-2	Benzo(b)fluoranthene	ND	50	43.0	86	50	42.4	85	1	63-134/20
191-24-2	Benzo(g,h,i)perylene	ND	50	44.3	89	50	43.5	87	2	59-141/20
207-08-9	Benzo(k)fluoranthene	ND	50	43.3	87	50	42.8	86	1	58-122/20
101-55-3	4-Bromophenyl phenyl ether	ND	50	45.1	90	50	44.4	89	2	57-131/20
85-68-7	Butyl benzyl phthalate	ND	50	43.3	87	50	41.4	83	4	58-135/20
91-58-7	2-Chloronaphthalene	ND	50	36.9	74	50	36.3	73	2	51-123/20
106-47-8	4-Chloroaniline	ND	50	31.4	63	50	30.1	60	4	39-109/20
86-74-8	Carbazole	ND	50	44.9	90	50	44.4	89	1	62-121/20
218-01-9	Chrysene	ND	50	43.3	87	50	43.4	87	0	63-122/20
111-91-1	bis(2-Chloroethoxy)methane	ND	50	33.1	66	50	32.1	64	3	36-120/20
111-44-4	bis(2-Chloroethyl)ether	ND	50	29.9	60	50	28.7	57	4	30-124/20
108-60-1	bis(2-Chloroisopropyl)ether	ND	50	33.1	66	50	32.9	66	1	25-171/20
7005-72-3	4-Chlorophenyl phenyl ether	ND	50	43.7	87	50	42.6	85	3	51-122/20
121-14-2	2,4-Dinitrotoluene	ND	50	42.3	85	50	29.9	60	34* a	57-131/20
606-20-2	2,6-Dinitrotoluene	ND	50	42.0	84	50	57.9	116	32* a	52-135/20
91-94-1	3,3'-Dichlorobenzidine	ND	50	38.4	77	50	38.2	76	1	25-157/20
53-70-3	Dibenzo(a,h)anthracene	ND	50	42.7	85	50	42.2	84	1	52-151/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-MS	X05685.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
OP41935-MSD	X05686.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
MC36700-14	X05687.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-8

CAS No.	Compound	MC36700-14 Spike ug/l	Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
132-64-9	Dibenzofuran	ND	50	40.8	82	50	40.2	80	1	54-110/20
84-74-2	Di-n-butyl phthalate	ND	50	43.1	86	50	43.3	87	0	60-122/20
117-84-0	Di-n-octyl phthalate	ND	50	41.4	83	50	41.3	83	0	54-142/20
84-66-2	Diethyl phthalate	ND	50	43.0	86	50	43.1	86	0	40-132/20
131-11-3	Dimethyl phthalate	ND	50	42.0	84	50	42.2	84	0	13-149/20
117-81-7	bis(2-Ethylhexyl)phthalate	ND	50	42.5	85	50	42.7	85	0	59-139/20
206-44-0	Fluoranthene	ND	50	44.7	89	50	44.6	89	0	65-126/20
86-73-7	Fluorene	ND	50	42.4	85	50	41.8	84	1	59-120/20
118-74-1	Hexachlorobenzene	ND	50	44.3	89	50	43.7	87	1	56-135/20
87-68-3	Hexachlorobutadiene	ND	50	27.3	55	50	28.2	56	3	10-120/20
77-47-4	Hexachlorocyclopentadiene	ND	50	14.2	28	50	14.6	29	3	10-73/20
67-72-1	Hexachloroethane	ND	50	23.4	47	50	25.0	50	7	13-103/20
193-39-5	Indeno(1,2,3-cd)pyrene	ND	50	43.9	88	50	43.6	87	1	49-151/20
78-59-1	Isophorone	ND	50	29.1	58	50	29.3	59	1	41-110/20
91-57-6	2-Methylnaphthalene	ND	50	33.3	67	50	32.4	65	3	38-115/20
88-74-4	2-Nitroaniline	ND	50	43.5	87	50	42.1	84	3	57-126/20
99-09-2	3-Nitroaniline	ND	50	41.9	84	50	40.9	82	2	53-118/20
100-01-6	4-Nitroaniline	ND	50	40.9	82	50	41.4	83	1	50-119/20
91-20-3	Naphthalene	ND	50	30.3	61	50	30.0	60	1	32-128/20
98-95-3	Nitrobenzene	ND	50	30.3	61	50	29.4	59	3	35-127/20
621-64-7	N-Nitroso-di-n-propylamine	ND	50	31.6	63	50	30.4	61	4	39-129/20
86-30-6	N-Nitrosodiphenylamine	ND	50	40.0	80	50	40.1	80	0	55-112/20
85-01-8	Phenanthrene	ND	50	43.5	87	50	43.0	86	1	62-123/20
129-00-0	Pyrene	ND	50	44.7	89	50	44.7	89	0	62-125/20
120-82-1	1,2,4-Trichlorobenzene	ND	50	28.9	58	50	29.7	59	3	27-113/20

CAS No.	Surrogate Recoveries	MS	MSD	MC36700-14 Limits	
367-12-4	2-Fluorophenol	38%	37%	32%	10-79%
4165-62-2	Phenol-d5	26%	26%	22%	10-72%
118-79-6	2,4,6-Tribromophenol	85%	87%	60%	35-138%
4165-60-0	Nitrobenzene-d5	64%	64%	53%	30-116%
321-60-8	2-Fluorobiphenyl	71%	69%	54%	35-107%
1718-51-0	Terphenyl-d14	98%	100%	87%	43-135%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41935-MS	X05685.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
OP41935-MSD	X05686.D	1	02/06/15	MR	02/05/15	OP41935	MSX185
MC36700-14	X05687.D	1	02/06/15	MR	02/05/15	OP41935	MSX185

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36680-8

(a) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8270D

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC36680-8	X05684.D	40	28	80	63	66	92
OP41935-BS	X05682.D	36	25	82	61	65	97
OP41935-MB	X05681.D	35	24	69	58	58	90
OP41935-MS	X05685.D	38	26	85	64	71	98
OP41935-MSD	X05686.D	37	26	87	64	69	100

Surrogate Compounds

Recovery Limits

S1 = 2-Fluorophenol	10-79%
S2 = Phenol-d5	10-72%
S3 = 2,4,6-Tribromophenol	35-138%
S4 = Nitrobenzene-d5	30-116%
S5 = 2-Fluorobiphenyl	35-107%
S6 = Terphenyl-d14	43-135%

6.4.1
6

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8270D

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC36680-1	W20255.D	76	83	77	82	77	103
MC36680-2	W20256.D	77	84	78	81	78	102
MC36680-4	W20257.D	69	77	77	70	73	89
MC36680-5	W20258.D	76	83	78	80	79	98
MC36680-6	W20259.D	69	78	76	76	74	97
OP41885-BS	W20240.D	69	74	83	68	72	86
OP41885-MB	W20239.D	56	61	70	53	59	83
OP41885-MS	W20252.D	61	80	65	101	68	73
OP41885-MSD	W20253.D	57	67	67	104	67	77

Surrogate Compounds

Recovery Limits

S1 = 2-Fluorophenol	20-114%
S2 = Phenol-d5	22-117%
S3 = 2,4,6-Tribromophenol	15-145%
S4 = Nitrobenzene-d5	17-118%
S5 = 2-Fluorobiphenyl	27-121%
S6 = Terphenyl-d14	39-142%

6.4.2

6

GC Semi-volatiles

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41881-MB	BK46055.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-8

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.16	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.18	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.19	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.12	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.16	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.19	ug/l	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	61% 10-147%
877-09-8	Tetrachloro-m-xylene	58% 10-147%
2051-24-3	Decachlorobiphenyl	73% 10-134%
2051-24-3	Decachlorobiphenyl	72% 10-134%

Method Blank Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41887-MB	BK46071.D	1	02/04/15	NK	01/31/15	OP41887	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-1, MC36680-4, MC36680-5

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	7.0	ug/kg	
11104-28-2	Aroclor 1221	ND	33	14	ug/kg	
11141-16-5	Aroclor 1232	ND	33	13	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	12	ug/kg	
11097-69-1	Aroclor 1254	ND	33	15	ug/kg	
11096-82-5	Aroclor 1260	ND	33	12	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	86% 24-139%
877-09-8	Tetrachloro-m-xylene	82% 24-139%
2051-24-3	Decachlorobiphenyl	85% 21-163%
2051-24-3	Decachlorobiphenyl	86% 21-163%

7.1.2

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Method Blank Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41907-MB	BK46079.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-3, MC36680-7

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	7.0	ug/kg	
11104-28-2	Aroclor 1221	ND	33	14	ug/kg	
11141-16-5	Aroclor 1232	ND	33	13	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	12	ug/kg	
11097-69-1	Aroclor 1254	ND	33	15	ug/kg	
11096-82-5	Aroclor 1260	ND	33	12	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	93% 24-139%
877-09-8	Tetrachloro-m-xylene	91% 24-139%
2051-24-3	Decachlorobiphenyl	95% 21-163%
2051-24-3	Decachlorobiphenyl	96% 21-163%

7.1.3

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Blank Spike Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41881-BS	BK46056.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	2	1.8	90	47-126
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	2	2.0	100	38-121

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	79%	10-147%
877-09-8	Tetrachloro-m-xylene	78%	10-147%
2051-24-3	Decachlorobiphenyl	50%	10-134%
2051-24-3	Decachlorobiphenyl	49%	10-134%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41887-BS	BK46073.D	1	02/04/15	NK	01/31/15	OP41887	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-1, MC36680-4, MC36680-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	263	240	91	43-141
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	263	242	92	46-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	93%	24-139%
877-09-8	Tetrachloro-m-xylene	93%	24-139%
2051-24-3	Decachlorobiphenyl	93%	21-163%
2051-24-3	Decachlorobiphenyl	93%	21-163%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41907-BS	BK46080.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-3, MC36680-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	259	221	85	43-141
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	259	238	92	46-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	85%	24-139%
877-09-8	Tetrachloro-m-xylene	89%	24-139%
2051-24-3	Decachlorobiphenyl	97%	21-163%
2051-24-3	Decachlorobiphenyl	99%	21-163%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41881-MS	BK46057.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432
OP41881-MSD	BK46058.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432
MC36700-1	BK46059.D	1	02/04/15	NK	01/31/15	OP41881	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-8

CAS No.	Compound	MC36700-1 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	2	1.7	85	2	1.8	90	6	40-140/50
11104-28-2	Aroclor 1221	ND		ND			ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	2	1.9	95	2	2.1	105	10	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC36700-1	Limits
877-09-8	Tetrachloro-m-xylene	71%	76%	79%	10-147%
877-09-8	Tetrachloro-m-xylene	73%	76%	77%	10-147%
2051-24-3	Decachlorobiphenyl	49%	54%	54%	10-134%
2051-24-3	Decachlorobiphenyl	47%	52%	52%	10-134%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41887-MS	BK46074.D	1	02/04/15	NK	01/31/15	OP41887	GBK1432
OP41887-MSD	BK46075.D	1	02/04/15	NK	01/31/15	OP41887	GBK1432
MC36680-1	BK46076.D	1	02/05/15	NK	01/31/15	OP41887	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-1, MC36680-4, MC36680-5

CAS No.	Compound	MC36680-1 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	332	294	89	320	280	88	5	40-140/50
11104-28-2	Aroclor 1221	ND		ND			ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	332	301	91	320	287	90	5	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC36680-1	Limits
877-09-8	Tetrachloro-m-xylene	87%	88%	89%	24-139%
877-09-8	Tetrachloro-m-xylene	90%	91%	85%	24-139%
2051-24-3	Decachlorobiphenyl	91%	91%	86%	21-163%
2051-24-3	Decachlorobiphenyl	91%	92%	87%	21-163%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41907-MS	BK46081.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432
OP41907-MSD	BK46082.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432
MC36680-3	BK46084.D	1	02/05/15	NK	02/03/15	OP41907	GBK1432

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36680-3, MC36680-7

7.3.3

7

CAS No.	Compound	MC36680-3 ug/kg	Spike Q	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	340	279	82	339	294	87	5	40-140/50
11104-28-2	Aroclor 1221	ND		ND			ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	340	273	80	339	284	84	4	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC36680-3	Limits
877-09-8	Tetrachloro-m-xylene	81%	87%	81%	24-139%
877-09-8	Tetrachloro-m-xylene	85%	88%	84%	24-139%
2051-24-3	Decachlorobiphenyl	83%	89%	88%	21-163%
2051-24-3	Decachlorobiphenyl	88%	98%	93%	21-163%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8082A

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
MC36680-8	BK46060.D	87	85	62	61
OP41881-BS	BK46056.D	79	78	50	49
OP41881-MB	BK46055.D	61	58	73	72
OP41881-MS	BK46057.D	71	73	49	47
OP41881-MSD	BK46058.D	76	76	54	52

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

10-147%

S2 = Decachlorobiphenyl

10-134%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

7.4.1

7

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36680

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8082A

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
MC36680-1	BK46076.D	89	85	86	87
MC36680-3	BK46084.D	81	84	88	93
MC36680-4	BK46077.D	133	96	90	95
MC36680-5	BK46078.D	86	84	89	89
MC36680-7	BK46085.D	83	83	88	96
OP41887-BS	BK46073.D	93	93	93	93
OP41887-MB	BK46071.D	86	82	85	86
OP41887-MS	BK46074.D	87	90	91	91
OP41887-MSD	BK46075.D	88	91	91	92
OP41907-BS	BK46080.D	85	89	97	99
OP41907-MB	BK46079.D	93	91	95	96
OP41907-MS	BK46081.D	81	85	83	88
OP41907-MSD	BK46082.D	87	88	89	98

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

24-139%

S2 = Decachlorobiphenyl

21-163%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

7.4.2

7

Metals Analysis

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24215
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0058	.008	0.011	<0.033

Associated samples MP24215: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24215
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36680-10 Original MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.018 0.52	0.501	100.1	80-120

Associated samples MP24215: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24215
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36668-10 Original MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.018	0.51	0.486	101.3	1.9
					20

Associated samples MP24215: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24215
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15 02/02/15

Metal	BSP Result	SpikeLot HGRWS1	% Rec	QC Limits	BSD Result	SpikeLot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.49	0.5	98.0	80-120	0.50	0.5	100.0	2.0	20

Associated samples MP24215: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24215
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	LCS Result	Spikelet HGLCS84	% Rec	QC Limits
Mercury	5.4	5.76	93.8	71-129

Associated samples MP24215: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.3
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24216
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.0058	.008	0.0010	<0.033

Associated samples MP24216: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24216
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36685-12 Original MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.023 0.50	0.473	100.7	80-120

Associated samples MP24216: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24216
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36685-12 Original MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.023	0.53	0.488	103.8	5.8
					20

Associated samples MP24216: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.2.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24216
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15 02/02/15

Metal	BSP Result	SpikeLot HGRWS1	% Rec	QC Limits	BSD Result	SpikeLot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.49	0.5	98.0	80-120	0.49	0.5	98.0	0.0	20

Associated samples MP24216: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24216
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 02/02/15

Metal	LCS Result	Spikelet HGLCS84	% Rec	QC Limits
Mercury	5.2	5.76	90.3	71-129

Associated samples MP24216: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	18	28		
Antimony	6.0	1	2		
Arsenic	4.0	1.4	1.7	-0.20	<4.0
Barium	50	.59	1	0.0	<50
Beryllium	4.0	.37	.25		
Bismuth	50	1.4	2.1		
Boron	100	.65	1.1		
Cadmium	4.0	.41	.43	-0.10	<4.0
Calcium	5000	6.1	15		
Chromium	10	.51	.48	0.0	<10
Cobalt	50	.36	.28		
Copper	25	2.1	2.4		
Gold	50	1.5	1.5		
Iron	100	3.6	17		
Lead	5.0	1.1	1.7	-0.70	<5.0
Lithium	500	2.2	2.5		
Magnesium	5000	22	54		
Manganese	15	.33	1.4		
Molybdenum	100	1.4	3.6		
Nickel	40	.49	.5		
Palladium	50	2	2.6		
Platinum	50	4.6	5.4		
Potassium	5000	28	49		
Selenium	10	1.3	2	0.60	<10
Silicon	100	4.1	30		
Silver	5.0	.45	1	-0.10	<5.0
Sodium	5000	11	77		
Sulfur	50	3.6	4.6		
Strontium	10	.42	.22		
Thallium	5.0	.75	1.7		
Tin	100	.37	.81		
Titanium	50	.4	.51		
Tungsten	100	2.5	22		

8.3.1
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
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Vanadium 10 .59 .51

Zinc 20 .53 1

Zirconium 50 .28 1.2

Associated samples MP24217: MC36680-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.3.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original MS		SpikeLot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0	527	500	105.4	75-125
Barium	0.0	2040	2000	102.0	75-125
Beryllium					
Bismuth					
Boron					
Cadmium	0.0	536	500	107.2	75-125
Calcium					
Chromium	0.0	510	500	102.0	75-125
Cobalt					
Copper	anr				
Gold					
Iron	anr				
Lead	0.0	1030	1000	103.0	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	0.0	529	500	105.8	75-125
Silicon					
Silver	0.0	182	200	91.0	75-125
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original MS	Spike lot MPICP	% Rec	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24217: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.3.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original MSD		SpikeLot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	530	500	106.0	0.6	20
Barium	0.0	2050	2000	102.5	0.5	20
Beryllium						
Bismuth						
Boron						
Cadmium	0.0	540	500	108.0	0.7	20
Calcium						
Chromium	0.0	512	500	102.4	0.4	20
Cobalt						
Copper	anr					
Gold						
Iron	anr					
Lead	0.0	1040	1000	104.0	1.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium						
Selenium	0.0	533	500	106.6	0.8	20
Silicon						
Silver	0.0	183	200	91.5	0.5	20
Sodium						
Sulfur						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						

8.3.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original MSD	Spikelet MPICP	% Rec	MSD RPD	QC Limit
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Vanadium

Zinc anr

Zirconium

Associated samples MP24217: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.3.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24217
Matrix Type: AQUEOUSMethods: SW846 6010C
Units: ug/l

Prep Date:

02/02/15

02/02/15

Metal	BSP Result	SpikeLot MPICP	% Rec	QC Limits	BSD Result	SpikeLot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	526	500	105.2	80-120	544	500	108.8	3.4	20
Barium	2030	2000	101.5	80-120	2090	2000	104.5	2.9	20
Beryllium									
Bismuth									
Boron									
Cadmium	535	500	107.0	80-120	553	500	110.6	3.3	20
Calcium									
Chromium	508	500	101.6	80-120	524	500	104.8	3.1	20
Cobalt									
Copper	anr								
Gold									
Iron	anr								
Lead	1030	1000	103.0	80-120	1060	1000	106.0	2.9	20
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Palladium									
Platinum									
Potassium									
Selenium	525	500	105.0	80-120	544	500	108.8	3.6	20
Silicon									
Silver	182	200	91.0	80-120	188	200	94.0	3.2	20
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15 02/02/15

Metal	BSP Result	Spikelet MPICP	% Rec	QC Limits	BSD Result	Spikelet MPICP	% Rec	BSD RPD	QC Limit
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Vanadium

Zinc anr

Zirconium

Associated samples MP24217: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.3.3

8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	0.00	0.00	NC	0-10
Beryllium				
Bismuth				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	0.00	0.00	NC	0-10
Cobalt				
Copper	anr			
Gold				
Iron	anr			
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Sulfur				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				

8.3.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24217
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36684-11 Original SDL 1:5	%DIF	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24217: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.3.4
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.8	1.6		
Antimony	1.0	.1	.12		
Arsenic	1.0	.14	.2	0.040	<1.0
Barium	5.0	.059	.054	0.030	<5.0
Beryllium	0.40	.037	.022		
Bismuth	5.0	.14	.14		
Boron	10	.065	.12		
Cadmium	0.40	.041	.024	0.010	<0.40
Calcium	500	.61	.57		
Chromium	1.0	.051	.059	0.020	<1.0
Cobalt	5.0	.036	.05		
Copper	2.5	.21	.16		
Gold	5.0	.15	.12		
Iron	10	.36	.63		
Lead	1.0	.11	.23	-0.020	<1.0
Lithium	50	.22	.58		
Magnesium	500	2.2	4.2		
Manganese	1.5	.033	.043		
Molybdenum	10	.14	.19		
Nickel	4.0	.049	.057		
Palladium	5.0	.2	.13		
Platinum	5.0	.46	.45		
Potassium	500	2.8	3.6		
Selenium	1.0	.13	.25	0.030	<1.0
Silicon	10	.41	1.3		
Silver	0.50	.045	.043	-0.12	<0.50
Sodium	500	1.1	1.9		
Sulfur	5.0	.36	.75		
Strontium	1.0	.042	.015		
Thallium	1.0	.075	.14		
Tin	10	.037	.18		
Titanium	5.0	.04	.063		
Tungsten	10	.25	.73		

8.4.1
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 02/02/15

Metal	RL	IDL	MDL	MB raw	final
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Vanadium 1.0 .059 .044

Zinc 2.0 .053 .26

Zirconium 5.0 .028 .16

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.4.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36671-14 Original MS		SpikeLot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	1.8	48.1	45.2	102.3	75-125
Barium	23.2	208	181	102.1	75-125
Beryllium					
Bismuth					
Boron					
Cadmium	0.035	48.5	45.2	107.1	75-125
Calcium					
Chromium	9.2	54.6	45.2	100.3	75-125
Cobalt					
Copper	anr				
Gold					
Iron					
Lead	4.2	98.6	90.5	104.3	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	0.0	50.2	45.2	111.0	75-125
Silicon					
Silver	0.0	16.9	18.1	93.4	75-125
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36671-14 Original MS	Spike lot MPICP	% Rec	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.4.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36671-14 Original MSD		SpikeLot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	1.8	46.3	44.5	100.1	3.8	20
Barium	23.2	201	178	100.0	3.4	20
Beryllium						
Bismuth						
Boron						
Cadmium	0.035	47.1	44.5	105.8	2.9	20
Calcium						
Chromium	9.2	52.4	44.5	97.1	4.1	20
Cobalt						
Copper	anr					
Gold						
Iron						
Lead	4.2	95.6	88.9	102.8	3.1	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium						
Selenium	0.0	47.9	44.5	107.7	4.7	20
Silicon						
Silver	0.0	16.5	17.8	92.8	2.4	20
Sodium						
Sulfur						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						

8.4.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15

Metal	MC36671-14 Original MSD	Spike lot MPICP	% Rec	MSD RPD	QC Limit
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Vanadium

Zinc anr

Zirconium

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.4.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24219
Matrix Type: SOLIDMethods: SW846 6010C
Units: mg/kg

Prep Date:

02/02/15

02/02/15

Metal	BSP Result	Spike/lot MPICP	% Rec	QC Limits	BSD Result	Spike/lot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	53.7	50	107.4	80-120	51.5	50	103.0	4.2	20
Barium	214	200	107.0	80-120	205	200	102.5	4.3	20
Beryllium									
Bismuth									
Boron									
Cadmium	55.4	50	110.8	80-120	53.4	50	106.8	3.7	20
Calcium									
Chromium	53.4	50	106.8	80-120	51.5	50	103.0	3.6	20
Cobalt									
Copper	anr								
Gold									
Iron									
Lead	107	100	107.0	80-120	104	100	104.0	2.8	20
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Palladium									
Platinum									
Potassium									
Selenium	56.5	50	113.0	80-120	53.6	50	107.2	5.3	20
Silicon									
Silver	19.3	20	96.5	80-120	18.5	20	92.5	4.2	20
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15 02/02/15

Metal	BSP Result	Spike lot MPICP	% Rec	QC Limits	BSD Result	Spike lot MPICP	% Rec	BSD RPD	QC Limit
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Vanadium

Zinc anr

Zirconium

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.4.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24219
Matrix Type: SOLIDMethods: SW846 6010C
Units: mg/kg

Prep Date: 02/02/15

Metal	LCS Result	Spike lot MPLCS84	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	159	151	105.3	81-120
Barium	268	262	102.3	83-117
Beryllium				
Bismuth				
Boron				
Cadmium	165	152	108.6	82-118
Calcium				
Chromium	120	117	102.6	79-121
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	268	254	105.5	81-119
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	176	162	108.6	77-122
Silicon				
Silver	46.4	44.3	104.7	74-126
Sodium				
Sulfur				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/02/15

Metal	LCS Result	Spike lot MPLCS84	% Rec	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.4.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36671-14 Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	20.9	22.1	5.7	0-10
Barium	265	293	10.5 (a)	0-10
Beryllium				
Bismuth				
Boron				
Cadmium	0.400	0.900	125.0(b)	0-10
Calcium				
Chromium	105	114	8.3	0-10
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	48.2	49.4	2.5	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Sulfur				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				

8.4.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24219
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/02/15

Metal	MC36671-14		QC
	Original	SDL 1:5	
		%DIF	Limits

Vanadium

Zinc anr

Zirconium

Associated samples MP24219: MC36680-1, MC36680-3

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Serial dilution indicates possible matrix interference.

(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.4.4
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24220
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 02/03/15

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.038	.096	0.010	<0.20

Associated samples MP24220: MC36680-8

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24220
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/03/15

Metal	MC36685-11 Original MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0 3.1	3	103.3	75-125

Associated samples MP24220: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.5.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24220
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/03/15

Metal	MC36685-11 Original MSD	Spikelot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.1	3	103.3	0.0 20

Associated samples MP24220: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.5.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24220
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/03/15 02/03/15

Metal	BSP Result	SpikeLot HGRWS1	% Rec	QC Limits	BSD Result	SpikeLot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	3.1	3	103.3	80-120	3.0	3	100.0	3.3	20

Associated samples MP24220: MC36680-8

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.5.3
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 02/03/15

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.8	1.6		
Antimony	1.0	.1	.12		
Arsenic	1.0	.14	.2	0.080	<1.0
Barium	5.0	.059	.054	0.010	<5.0
Beryllium	0.40	.037	.022		
Bismuth	5.0	.14	.14		
Boron	10	.065	.12		
Cadmium	0.40	.041	.024	0.0	<0.40
Calcium	500	.61	.57		
Chromium	1.0	.051	.059	0.020	<1.0
Cobalt	5.0	.036	.05		
Copper	2.5	.21	.16		
Gold	5.0	.15	.12		
Iron	10	.36	.63		
Lead	1.0	.11	.23	0.080	<1.0
Lithium	50	.22	.58		
Magnesium	500	2.2	4.2		
Manganese	1.5	.033	.043		
Molybdenum	10	.14	.19		
Nickel	4.0	.049	.057		
Palladium	5.0	.2	.13		
Platinum	5.0	.46	.45		
Potassium	500	2.8	3.6		
Selenium	1.0	.13	.25	0.11	<1.0
Silicon	10	.41	1.3		
Silver	0.50	.045	.043	-0.030	<0.50
Sodium	500	1.1	1.9		
Sulfur	5.0	.36	.75		
Strontium	1.0	.042	.015		
Thallium	1.0	.075	.14		
Tin	10	.037	.18		
Titanium	5.0	.04	.063		
Tungsten	10	.25	.73		

8.6.1
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36680
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 02/03/15

Metal	RL	IDL	MDL	MB raw	final
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Vanadium 1.0 .059 .044

Zinc 2.0 .053 .26

Zirconium 5.0 .028 .16

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.6.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	MC36684-2 Original MS		SpikeLot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.3	58.4	53.7	104.5	75-125
Barium	20.8	239	215	101.6	75-125
Beryllium	anr				
Bismuth					
Boron					
Cadmium	0.0	57.5	53.7	107.1	75-125
Calcium					
Chromium	8.3	64.1	53.7	103.9	75-125
Cobalt					
Copper	anr				
Gold					
Iron					
Lead	11.6	121	107	101.9	75-125
Lithium					
Magnesium					
Manganese	anr				
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	0.0	57.5	53.7	107.1	75-125
Silicon					
Silver	0.0	19.7	21.5	91.7	75-125
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

8.6.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	MC36684-2 Original MS	Spike lot MPICP	% Rec	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.6.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	MC36684-2 Original MSD		SpikeLot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.3	57.0	53.3	102.7	2.4	20
Barium	20.8	234	213	100.1	2.1	20
Beryllium	anr					
Bismuth						
Boron						
Cadmium	0.0	55.8	53.3	104.8	3.0	20
Calcium						
Chromium	8.3	62.2	53.3	101.2	3.0	20
Cobalt						
Copper	anr					
Gold						
Iron						
Lead	11.6	118	107	99.9	2.5	20
Lithium						
Magnesium						
Manganese	anr					
Molybdenum						
Nickel	anr					
Palladium						
Platinum						
Potassium						
Selenium	0.0	55.8	53.3	104.8	3.0	20
Silicon						
Silver	0.0	19.1	21.3	89.7	3.1	20
Sodium						
Sulfur						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						

8.6.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	MC36684-2 Original MSD	SpikeLot MPICP	% Rec	MSD RPD	QC Limit
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Vanadium

Zinc anr

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.6.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15 02/03/15

Metal	BSP Result	SpikeLot MPICP	% Rec	QC Limits	BSD Result	SpikeLot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	55.2	50	110.4	80-120	53.7	50	107.4	2.8	20
Barium	212	200	106.0	80-120	207	200	103.5	2.4	20
Beryllium	anr								
Bismuth									
Boron									
Cadmium	56.1	50	112.2	80-120	54.6	50	109.2	2.7	20
Calcium									
Chromium	53.2	50	106.4	80-120	52.3	50	104.6	1.7	20
Cobalt									
Copper	anr								
Gold									
Iron									
Lead	106	100	106.0	80-120	102	100	102.0	3.8	20
Lithium									
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	anr								
Palladium									
Platinum									
Potassium									
Selenium	56.8	50	113.6	80-120	55.0	50	110.0	3.2	20
Silicon									
Silver	18.9	20	94.5	80-120	18.5	20	92.5	2.1	20
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

8.6.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15 02/03/15

Metal	BSP Result	Spike lot MPICP	% Rec	QC Limits	BSD Result	Spike lot MPICP	% Rec	BSD RPD	QC Limit
-------	---------------	-----------------------	-------	--------------	---------------	-----------------------	-------	------------	-------------

Vanadium

Zinc anr

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.6.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	LCS Result	Spike/lot MPLCS84	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	151	151	100.0	81-120
Barium	257	262	98.1	83-117
Beryllium	anr			
Bismuth				
Boron				
Cadmium	155	152	102.0	82-118
Calcium				
Chromium	110	117	94.0	79-121
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	247	254	97.2	81-119
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	166	162	102.5	77-122
Silicon				
Silver	42.3	44.3	95.5	74-126
Sodium				
Sulfur				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				

8.6.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: mg/kg

Prep Date: 02/03/15

Metal	LCS Result	Spike lot MPLCS84	% Rec	QC Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.6.3
 8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/03/15

Metal	MC36684-2 Original SDL 1:5		%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	21.9	22.0	0.5	0-10
Barium	197	204	3.2	0-10
Beryllium	anr			
Bismuth				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	78.5	79.8	1.7	0-10
Cobalt				
Copper	anr			
Gold				
Iron				
Lead	110	114	3.4	0-10
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	anr			
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Sulfur				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				

8.6.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/03/15

Metal	MC36684-2	Original SDL 1:5	%DIF	QC	Limits
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Vanadium

Zinc anr

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.6.4
8

POST DIGESTATE SPIKE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

02/03/15

Metal	Sample ml	Final ml	MC36684-2 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Bismuth									
Boron									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Gold									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

8.6.5
8

POST DIGESTATE SPIKE SUMMARY

Login Number: MC36680
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24221
 Matrix Type: SOLID

Methods: SW846 6010C
 Units: ug/l

Prep Date:

02/03/15

Metal	Sample ml	Final ml	MC36684-2 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP24221: MC36680-4, MC36680-5, MC36680-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

8.6.5
8



02/16/15

Technical Report for

Lender Consulting Services, Inc.

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

14B4334.22

Accutest Job Number: MC36690

Sampling Date: 01/30/15

Report to:

Lender Consulting Services, Inc.

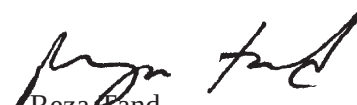
mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **76**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.


Reza Fand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC36690

Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY
Project No: 14B4334.22

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
MC36690-1	01/30/15	13:00 MP	01/31/15	AQ	Ground Water	TPMW1
MC36690-1F	01/30/15	13:00 MP	01/31/15	AQ	Groundwater Filtered	TPMW1
MC36690-2	01/30/15	10:20 MP	01/31/15	AQ	Ground Water	TPMW2
MC36690-2F	01/30/15	10:20 MP	01/31/15	AQ	Groundwater Filtered	TPMW2
MC36690-3	01/30/15	11:30 MP	01/31/15	AQ	Ground Water	TPMW3
MC36690-3F	01/30/15	11:30 MP	01/31/15	AQ	Groundwater Filtered	TPMW3
MC36690-4	01/30/15	09:05 MP	01/31/15	AQ	Ground Water	TPMW4
MC36690-4F	01/30/15	09:05 MP	01/31/15	AQ	Groundwater Filtered	TPMW4

Summary of Hits

Page 1 of 3

Job Number: MC36690

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/30/15

2

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
MC36690-1		TPMW1				
		Methyl Tert Butyl Ether	0.97 J	1.0	0.22	ug/l SW846 8260C
		Anthracene	0.33 J	1.7	0.15	ug/l SW846 8270D
		Benzo(a)anthracene	1.3 J	1.7	0.18	ug/l SW846 8270D
		Benzo(a)pyrene	1.3 J	1.7	0.18	ug/l SW846 8270D
		Benzo(b)fluoranthene	1.0 J	1.7	0.42	ug/l SW846 8270D
		Benzo(g,h,i)perylene	0.84 J	1.7	0.27	ug/l SW846 8270D
		Benzo(k)fluoranthene	1.2 J	1.7	0.39	ug/l SW846 8270D
		Chrysene	1.3 J	1.7	0.10	ug/l SW846 8270D
		Dibenzo(a,h)anthracene	0.28 J	1.7	0.22	ug/l SW846 8270D
		bis(2-Ethylhexyl)phthalate	1.1 J	1.7	0.26	ug/l SW846 8270D
		Fluoranthene	2.3	1.7	0.27	ug/l SW846 8270D
		Indeno(1,2,3-cd)pyrene	0.80 J	1.7	0.23	ug/l SW846 8270D
		Phenanthrene	1.3 J	1.7	0.11	ug/l SW846 8270D
		Pyrene	2.3	1.7	0.14	ug/l SW846 8270D
		Arsenic ^a	895	20	8.5	ug/l SW846 6010C
		Barium	19400	250	5.0	ug/l SW846 6010C
		Cadmium ^a	50.1	20	2.2	ug/l SW846 6010C
		Chromium ^a	1150	50	2.4	ug/l SW846 6010C
		Lead	53500	25	8.5	ug/l SW846 6010C
		Mercury	31.2	4.0	1.9	ug/l SW846 7470A
		Selenium ^a	141	50	10	ug/l SW846 6010C
		Silver ^a	24.2 B	25	5.0	ug/l SW846 6010C
MC36690-1F		TPMW1				
		Arsenic	19.8	4.0	1.7	ug/l SW846 6010C
		Barium	184	50	1.0	ug/l SW846 6010C
MC36690-2		TPMW2				
		Methyl Tert Butyl Ether	0.66 J	1.0	0.22	ug/l SW846 8260C
		Benzo(a)anthracene	0.27 J	1.7	0.18	ug/l SW846 8270D
		Benzo(a)pyrene	0.20 J	1.7	0.18	ug/l SW846 8270D
		Chrysene	0.21 J	1.7	0.10	ug/l SW846 8270D
		Fluoranthene	0.34 J	1.7	0.27	ug/l SW846 8270D
		Naphthalene	0.29 J	1.7	0.26	ug/l SW846 8270D
		Phenanthrene	0.17 J	1.7	0.11	ug/l SW846 8270D
		Pyrene	0.40 J	1.7	0.14	ug/l SW846 8270D
		Arsenic	97.7	4.0	1.7	ug/l SW846 6010C
		Barium	1430	50	1.0	ug/l SW846 6010C
		Cadmium	5.9	4.0	0.43	ug/l SW846 6010C
		Chromium	102	10	0.48	ug/l SW846 6010C
		Lead	3290	5.0	1.7	ug/l SW846 6010C

Summary of Hits

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Job Number: MC36690

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/30/15

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Lab Sample ID	Client Sample ID	Result/ Analyte Qual	RL	MDL	Units	Method
Mercury		0.61	0.20	0.096	ug/l	SW846 7470A
Selenium		3.3 B	10	2.0	ug/l	SW846 6010C
Silver		5.2	5.0	1.0	ug/l	SW846 6010C
MC36690-2F		TPMW2				
Barium		211	50	1.0	ug/l	SW846 6010C
MC36690-3		TPMW3				
Methyl Tert Butyl Ether		12.5	1.0	0.22	ug/l	SW846 8260C
Acenaphthylene		0.68 J	1.7	0.18	ug/l	SW846 8270D
Anthracene		1.3 J	1.7	0.15	ug/l	SW846 8270D
Benzo(a)anthracene		5.6	1.7	0.18	ug/l	SW846 8270D
Benzo(a)pyrene		4.8	1.7	0.18	ug/l	SW846 8270D
Benzo(b)fluoranthene		4.4	1.7	0.42	ug/l	SW846 8270D
Benzo(g,h,i)perylene		2.9	1.7	0.27	ug/l	SW846 8270D
Benzo(k)fluoranthene		4.2	1.7	0.39	ug/l	SW846 8270D
Carbazole		0.62 J	1.7	0.14	ug/l	SW846 8270D
Chrysene		5.2	1.7	0.10	ug/l	SW846 8270D
Dibenzo(a,h)anthracene		1.5 J	1.7	0.22	ug/l	SW846 8270D
bis(2-Ethylhexyl)phthalate		0.82 J	1.7	0.26	ug/l	SW846 8270D
Fluoranthene		8.5	1.7	0.27	ug/l	SW846 8270D
Fluorene		0.26 J	1.7	0.17	ug/l	SW846 8270D
Indeno(1,2,3-cd)pyrene		2.8	1.7	0.23	ug/l	SW846 8270D
Phenanthrene		4.1	1.7	0.11	ug/l	SW846 8270D
Pyrene		8.0	1.7	0.14	ug/l	SW846 8270D
Aroclor 1254		0.78	0.17	0.11	ug/l	SW846 8082A
Aroclor 1260 ^b		0.46	0.17	0.13	ug/l	SW846 8082A
Arsenic		47.9	4.0	1.7	ug/l	SW846 6010C
Barium		1790	50	1.0	ug/l	SW846 6010C
Cadmium		6.6	4.0	0.43	ug/l	SW846 6010C
Chromium		188	10	0.48	ug/l	SW846 6010C
Lead		5610	5.0	1.7	ug/l	SW846 6010C
Mercury		1.1	0.20	0.096	ug/l	SW846 7470A
Selenium		2.0 B	10	2.0	ug/l	SW846 6010C
Silver		2.5 B	5.0	1.0	ug/l	SW846 6010C
MC36690-3F		TPMW3				
Barium		426	50	1.0	ug/l	SW846 6010C
MC36690-4		TPMW4				
Methyl Tert Butyl Ether		2.1	1.0	0.22	ug/l	SW846 8260C

Summary of Hits

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Job Number: MC36690

Account: Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Collected: 01/30/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Anthracene		0.18 J	1.7	0.15	ug/l	SW846 8270D
Benzo(a)anthracene		1.1 J	1.7	0.18	ug/l	SW846 8270D
Benzo(a)pyrene		1.1 J	1.7	0.18	ug/l	SW846 8270D
Benzo(b)fluoranthene		0.98 J	1.7	0.42	ug/l	SW846 8270D
Benzo(g,h,i)perylene		0.72 J	1.7	0.27	ug/l	SW846 8270D
Benzo(k)fluoranthene		0.75 J	1.7	0.39	ug/l	SW846 8270D
Chrysene		1.2 J	1.7	0.10	ug/l	SW846 8270D
Dibenzo(a,h)anthracene		0.25 J	1.7	0.22	ug/l	SW846 8270D
bis(2-Ethylhexyl)phthalate		1.0 J	1.7	0.26	ug/l	SW846 8270D
Fluoranthene		1.3 J	1.7	0.27	ug/l	SW846 8270D
Indeno(1,2,3-cd)pyrene		0.59 J	1.7	0.23	ug/l	SW846 8270D
Naphthalene		0.34 J	1.7	0.26	ug/l	SW846 8270D
Phenanthrene		0.79 J	1.7	0.11	ug/l	SW846 8270D
Pyrene		1.5 J	1.7	0.14	ug/l	SW846 8270D
Arsenic		145	4.0	1.7	ug/l	SW846 6010C
Barium		3070	50	1.0	ug/l	SW846 6010C
Cadmium		16.6	4.0	0.43	ug/l	SW846 6010C
Chromium		156	10	0.48	ug/l	SW846 6010C
Lead		9340	5.0	1.7	ug/l	SW846 6010C
Mercury		3.0	0.20	0.096	ug/l	SW846 7470A
Selenium		10.6	10	2.0	ug/l	SW846 6010C
Silver		4.4 B	5.0	1.0	ug/l	SW846 6010C

MC36690-4F TPMW4

Arsenic	1.8 B	4.0	1.7	ug/l	SW846 6010C
Barium	221	50	1.0	ug/l	SW846 6010C
Chromium	0.60 B	10	0.48	ug/l	SW846 6010C

(a) Elevated RL due to dilution required for matrix interference.

(b) Estimated value due to the presence of other Aroclor pattern.

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID:	TPMW1	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-1	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H71088.D	1	02/05/15	AMY	n/a	n/a	MSH2355
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW1	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-1	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	0.97	1.0	0.22	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		67-134%
2037-26-5	Toluene-D8	100%		79-121%
460-00-4	4-Bromofluorobenzene	94%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW1	
Lab Sample ID:	MC36690-1	Date Sampled: 01/30/15
Matrix:	AQ - Ground Water	Date Received: 01/31/15
Method:	SW846 8270D SW846 3510C	Percent Solids: n/a
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20366.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
Run #2 ^a	W20362.D	1	02/12/15	KD	02/11/15	OP41994	MSW886

	Initial Volume	Final Volume
Run #1	1200 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.2	0.24	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	8.3	0.42	ug/l	
120-83-2	2,4-Dichlorophenol	ND	8.3	0.39	ug/l	
105-67-9	2,4-Dimethylphenol	ND	8.3	0.28	ug/l	
51-28-5	2,4-Dinitrophenol	ND	17	2.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	8.3	0.49	ug/l	
95-48-7	2-Methylphenol	ND	8.3	0.25	ug/l	
	3&4-Methylphenol	ND	8.3	0.37	ug/l	
88-75-5	2-Nitrophenol	ND	8.3	0.39	ug/l	
100-02-7	4-Nitrophenol	ND	17	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	8.3	0.29	ug/l	
108-95-2	Phenol	ND	4.2	0.27	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	8.3	0.38	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	8.3	0.37	ug/l	
83-32-9	Acenaphthene	ND	1.7	0.20	ug/l	
208-96-8	Acenaphthylene	ND	1.7	0.18	ug/l	
120-12-7	Anthracene	0.33	1.7	0.15	ug/l	J
56-55-3	Benzo(a)anthracene	1.3	1.7	0.18	ug/l	J
50-32-8	Benzo(a)pyrene	1.3	1.7	0.18	ug/l	J
205-99-2	Benzo(b)fluoranthene	1.0	1.7	0.42	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.84	1.7	0.27	ug/l	J
207-08-9	Benzo(k)fluoranthene	1.2	1.7	0.39	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	4.2	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.2	0.20	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.2	0.29	ug/l	
106-47-8	4-Chloroaniline	ND	8.3	0.30	ug/l	
86-74-8	Carbazole	ND	1.7	0.14	ug/l	
218-01-9	Chrysene	1.3	1.7	0.10	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	4.2	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.2	0.35	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.2	0.35	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.2	0.22	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW1	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-1	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	8.3	0.31	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	8.3	0.31	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.2	0.44	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.28	1.7	0.22	ug/l	J
132-64-9	Dibenzofuran	ND	1.7	0.21	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.2	0.23	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.2	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	4.2	0.22	ug/l	
131-11-3	Dimethyl phthalate	ND	4.2	0.20	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.1	1.7	0.26	ug/l	J
206-44-0	Fluoranthene	2.3	1.7	0.27	ug/l	
86-73-7	Fluorene	ND	1.7	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	4.2	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.2	0.24	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.3	1.0	ug/l	
67-72-1	Hexachloroethane	ND	4.2	0.24	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.80	1.7	0.23	ug/l	J
78-59-1	Isophorone	ND	4.2	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.7	0.35	ug/l	
88-74-4	2-Nitroaniline	ND	8.3	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	8.3	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	8.3	0.43	ug/l	
91-20-3	Naphthalene	ND	1.7	0.26	ug/l	
98-95-3	Nitrobenzene	ND	4.2	0.40	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.2	0.21	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.2	0.21	ug/l	
85-01-8	Phenanthrene	1.3	1.7	0.11	ug/l	J
129-00-0	Pyrene	2.3	1.7	0.14	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%	38%	10-79%
4165-62-2	Phenol-d5	22%	24%	10-72%
118-79-6	2,4,6-Tribromophenol	81%	93%	35-138%
4165-60-0	Nitrobenzene-d5	62%	63%	30-116%
321-60-8	2-Fluorobiphenyl	67%	67%	35-107%
1718-51-0	Terphenyl-d14	98%	82%	43-135%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW1	
Lab Sample ID:	MC36690-1	Date Sampled: 01/30/15
Matrix:	AQ - Ground Water	Date Received: 01/31/15
Method:	SW846 8082A SW846 3510C	Percent Solids: n/a
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46242.D	1	02/11/15	NK	02/01/15	OP41893	GBK1438
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.17	0.11	ug/l	
11104-28-2	Aroclor 1221	ND	0.17	0.11	ug/l	
11141-16-5	Aroclor 1232	ND	0.17	0.12	ug/l	
53469-21-9	Aroclor 1242	ND	0.17	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.17	0.083	ug/l	
11097-69-1	Aroclor 1254	ND	0.17	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		10-147%
877-09-8	Tetrachloro-m-xylene	60%		10-147%
2051-24-3	Decachlorobiphenyl	46%		10-134%
2051-24-3	Decachlorobiphenyl	49%		10-134%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW1	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-1	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	895	20	8.5	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	19400	250	5.0	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium ^a	50.1	20	2.2	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium ^a	1150	50	2.4	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	53500	25	8.5	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	31.2	4.0	1.9	ug/l	20	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium ^a	141	50	10	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver ^a	24.2 B	25	5.0	ug/l	5	02/05/15	02/06/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17894

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW1	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-1F	Date Received:	01/31/15
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	19.8	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	184	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	0.43 U	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	0.48 U	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.096 U	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	2.0 U	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H71089.D	1	02/05/15	AMY	n/a	n/a	MSH2355
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	0.66	1.0	0.22	ug/l	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		67-134%
2037-26-5	Toluene-D8	98%		79-121%
460-00-4	4-Bromofluorobenzene	95%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20367.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
Run #2 ^a	W20363.D	1	02/12/15	KD	02/11/15	OP41994	MSW886

	Initial Volume	Final Volume
Run #1	1200 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.2	0.24	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	8.3	0.42	ug/l	
120-83-2	2,4-Dichlorophenol	ND	8.3	0.39	ug/l	
105-67-9	2,4-Dimethylphenol	ND	8.3	0.28	ug/l	
51-28-5	2,4-Dinitrophenol	ND	17	2.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	8.3	0.49	ug/l	
95-48-7	2-Methylphenol	ND	8.3	0.25	ug/l	
	3&4-Methylphenol	ND	8.3	0.37	ug/l	
88-75-5	2-Nitrophenol	ND	8.3	0.39	ug/l	
100-02-7	4-Nitrophenol	ND	17	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	8.3	0.29	ug/l	
108-95-2	Phenol	ND	4.2	0.27	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	8.3	0.38	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	8.3	0.37	ug/l	
83-32-9	Acenaphthene	ND	1.7	0.20	ug/l	
208-96-8	Acenaphthylene	ND	1.7	0.18	ug/l	
120-12-7	Anthracene	ND	1.7	0.15	ug/l	
56-55-3	Benzo(a)anthracene	0.27	1.7	0.18	ug/l	J
50-32-8	Benzo(a)pyrene	0.20	1.7	0.18	ug/l	J
205-99-2	Benzo(b)fluoranthene	ND	1.7	0.42	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.7	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.7	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.2	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.2	0.20	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.2	0.29	ug/l	
106-47-8	4-Chloroaniline	ND	8.3	0.30	ug/l	
86-74-8	Carbazole	ND	1.7	0.14	ug/l	
218-01-9	Chrysene	0.21	1.7	0.10	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	4.2	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.2	0.35	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.2	0.35	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.2	0.22	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	8.3	0.31	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	8.3	0.31	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.2	0.44	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.7	0.22	ug/l	
132-64-9	Dibenzofuran	ND	1.7	0.21	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.2	0.23	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.2	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	4.2	0.22	ug/l	
131-11-3	Dimethyl phthalate	ND	4.2	0.20	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1.7	0.26	ug/l	
206-44-0	Fluoranthene	0.34	1.7	0.27	ug/l	J
86-73-7	Fluorene	ND	1.7	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	4.2	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.2	0.24	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.3	1.0	ug/l	
67-72-1	Hexachloroethane	ND	4.2	0.24	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.7	0.23	ug/l	
78-59-1	Isophorone	ND	4.2	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.7	0.35	ug/l	
88-74-4	2-Nitroaniline	ND	8.3	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	8.3	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	8.3	0.43	ug/l	
91-20-3	Naphthalene	0.29	1.7	0.26	ug/l	J
98-95-3	Nitrobenzene	ND	4.2	0.40	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.2	0.21	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.2	0.21	ug/l	
85-01-8	Phenanthrene	0.17	1.7	0.11	ug/l	J
129-00-0	Pyrene	0.40	1.7	0.14	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%	25%	10-79%
4165-62-2	Phenol-d5	22%	18%	10-72%
118-79-6	2,4,6-Tribromophenol	83%	65%	35-138%
4165-60-0	Nitrobenzene-d5	60%	43%	30-116%
321-60-8	2-Fluorobiphenyl	57%	49%	35-107%
1718-51-0	Terphenyl-d14	92%	84%	43-135%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46243.D	1	02/11/15	NK	02/01/15	OP41893	GBK1438
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.17	0.11	ug/l	
11104-28-2	Aroclor 1221	ND	0.17	0.11	ug/l	
11141-16-5	Aroclor 1232	ND	0.17	0.12	ug/l	
53469-21-9	Aroclor 1242	ND	0.17	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.17	0.083	ug/l	
11097-69-1	Aroclor 1254	ND	0.17	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	51%		10-147%
877-09-8	Tetrachloro-m-xylene	53%		10-147%
2051-24-3	Decachlorobiphenyl	42%		10-134%
2051-24-3	Decachlorobiphenyl	44%		10-134%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	97.7	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	1430	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	5.9	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	102	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	3290	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.61	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	3.3 B	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	5.2	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW2	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-2F	Date Received:	01/31/15
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.7 U	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	211	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	0.43 U	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	0.48 U	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.096 U	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	2.0 U	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H71090.D	1	02/05/15	AMY	n/a	n/a	MSH2355
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	12.5	1.0	0.22	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		67-134%
2037-26-5	Toluene-D8	97%		79-121%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit
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 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20368.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
Run #2 ^a	W20364.D	1	02/12/15	KD	02/11/15	OP41994	MSW886

	Initial Volume	Final Volume
Run #1	1200 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.2	0.24	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	8.3	0.42	ug/l	
120-83-2	2,4-Dichlorophenol	ND	8.3	0.39	ug/l	
105-67-9	2,4-Dimethylphenol	ND	8.3	0.28	ug/l	
51-28-5	2,4-Dinitrophenol	ND	17	2.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	8.3	0.49	ug/l	
95-48-7	2-Methylphenol	ND	8.3	0.25	ug/l	
	3&4-Methylphenol	ND	8.3	0.37	ug/l	
88-75-5	2-Nitrophenol	ND	8.3	0.39	ug/l	
100-02-7	4-Nitrophenol	ND	17	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	8.3	0.29	ug/l	
108-95-2	Phenol	ND	4.2	0.27	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	8.3	0.38	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	8.3	0.37	ug/l	
83-32-9	Acenaphthene	ND	1.7	0.20	ug/l	
208-96-8	Acenaphthylene	0.68	1.7	0.18	ug/l	J
120-12-7	Anthracene	1.3	1.7	0.15	ug/l	J
56-55-3	Benzo(a)anthracene	5.6	1.7	0.18	ug/l	
50-32-8	Benzo(a)pyrene	4.8	1.7	0.18	ug/l	
205-99-2	Benzo(b)fluoranthene	4.4	1.7	0.42	ug/l	
191-24-2	Benzo(g,h,i)perylene	2.9	1.7	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	4.2	1.7	0.39	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.2	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.2	0.20	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.2	0.29	ug/l	
106-47-8	4-Chloroaniline	ND	8.3	0.30	ug/l	
86-74-8	Carbazole	0.62	1.7	0.14	ug/l	J
218-01-9	Chrysene	5.2	1.7	0.10	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.2	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.2	0.35	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.2	0.35	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.2	0.22	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	8.3	0.31	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	8.3	0.31	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.2	0.44	ug/l	
53-70-3	Dibenzo(a,h)anthracene	1.5	1.7	0.22	ug/l	J
132-64-9	Dibenzofuran	ND	1.7	0.21	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.2	0.23	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.2	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	4.2	0.22	ug/l	
131-11-3	Dimethyl phthalate	ND	4.2	0.20	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.82	1.7	0.26	ug/l	J
206-44-0	Fluoranthene	8.5	1.7	0.27	ug/l	
86-73-7	Fluorene	0.26	1.7	0.17	ug/l	J
118-74-1	Hexachlorobenzene	ND	4.2	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.2	0.24	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.3	1.0	ug/l	
67-72-1	Hexachloroethane	ND	4.2	0.24	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	1.7	0.23	ug/l	
78-59-1	Isophorone	ND	4.2	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.7	0.35	ug/l	
88-74-4	2-Nitroaniline	ND	8.3	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	8.3	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	8.3	0.43	ug/l	
91-20-3	Naphthalene	ND	1.7	0.26	ug/l	
98-95-3	Nitrobenzene	ND	4.2	0.40	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.2	0.21	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.2	0.21	ug/l	
85-01-8	Phenanthrene	4.1	1.7	0.11	ug/l	
129-00-0	Pyrene	8.0	1.7	0.14	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	25%	29%	10-79%
4165-62-2	Phenol-d5	19%	20%	10-72%
118-79-6	2,4,6-Tribromophenol	76%	65%	35-138%
4165-60-0	Nitrobenzene-d5	59%	48%	30-116%
321-60-8	2-Fluorobiphenyl	63%	54%	35-107%
1718-51-0	Terphenyl-d14	100%	79%	43-135%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46244.D	1	02/11/15	NK	02/01/15	OP41893	GBK1438
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.17	0.11	ug/l	
11104-28-2	Aroclor 1221	ND	0.17	0.11	ug/l	
11141-16-5	Aroclor 1232	ND	0.17	0.12	ug/l	
53469-21-9	Aroclor 1242	ND	0.17	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.17	0.083	ug/l	
11097-69-1	Aroclor 1254	0.78	0.17	0.11	ug/l	
11096-82-5	Aroclor 1260 ^a	0.46	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-147%
877-09-8	Tetrachloro-m-xylene	69%		10-147%
2051-24-3	Decachlorobiphenyl	51%		10-134%
2051-24-3	Decachlorobiphenyl	58%		10-134%

(a) Estimated value due to the presence of other Aroclor pattern.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW3	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-3	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	47.9	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	1790	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	6.6	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	188	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	5610	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	1.1	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	2.0 B	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	2.5 B	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

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Client Sample ID: TPMW3	Date Sampled: 01/30/15
Lab Sample ID: MC36690-3F	Date Received: 01/31/15
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.7 U	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	426	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	0.43 U	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	0.48 U	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.096 U	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	2.0 U	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID:	TPMW4	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-4	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H71091.D	1	02/05/15	AMY	n/a	n/a	MSH2355
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW4	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-4	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY		

VOA TCL + STAR List+ chlorobenzenes

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	2.1	1.0	0.22	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		67-134%
2037-26-5	Toluene-D8	101%		79-121%
460-00-4	4-Bromofluorobenzene	96%		71-133%

ND = Not detected MDL = Method Detection Limit
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 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW4	
Lab Sample ID:	MC36690-4	Date Sampled: 01/30/15
Matrix:	AQ - Ground Water	Date Received: 01/31/15
Method:	SW846 8270D SW846 3510C	Percent Solids: n/a
Project:	Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W20369.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
Run #2 ^a	W20365.D	1	02/12/15	KD	02/11/15	OP41994	MSW886

	Initial Volume	Final Volume
Run #1	1200 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.2	0.24	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	8.3	0.42	ug/l	
120-83-2	2,4-Dichlorophenol	ND	8.3	0.39	ug/l	
105-67-9	2,4-Dimethylphenol	ND	8.3	0.28	ug/l	
51-28-5	2,4-Dinitrophenol	ND	17	2.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	8.3	0.49	ug/l	
95-48-7	2-Methylphenol	ND	8.3	0.25	ug/l	
	3&4-Methylphenol	ND	8.3	0.37	ug/l	
88-75-5	2-Nitrophenol	ND	8.3	0.39	ug/l	
100-02-7	4-Nitrophenol	ND	17	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	8.3	0.29	ug/l	
108-95-2	Phenol	ND	4.2	0.27	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	8.3	0.38	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	8.3	0.37	ug/l	
83-32-9	Acenaphthene	ND	1.7	0.20	ug/l	
208-96-8	Acenaphthylene	ND	1.7	0.18	ug/l	
120-12-7	Anthracene	0.18	1.7	0.15	ug/l	J
56-55-3	Benzo(a)anthracene	1.1	1.7	0.18	ug/l	J
50-32-8	Benzo(a)pyrene	1.1	1.7	0.18	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.98	1.7	0.42	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.72	1.7	0.27	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.75	1.7	0.39	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	4.2	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.2	0.20	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.2	0.29	ug/l	
106-47-8	4-Chloroaniline	ND	8.3	0.30	ug/l	
86-74-8	Carbazole	ND	1.7	0.14	ug/l	
218-01-9	Chrysene	1.2	1.7	0.10	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	4.2	0.41	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.2	0.35	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.2	0.35	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.2	0.22	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW4	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-4	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	8.3	0.31	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	8.3	0.31	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.2	0.44	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.25	1.7	0.22	ug/l	J
132-64-9	Dibenzofuran	ND	1.7	0.21	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.2	0.23	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.2	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	4.2	0.22	ug/l	
131-11-3	Dimethyl phthalate	ND	4.2	0.20	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.0	1.7	0.26	ug/l	J
206-44-0	Fluoranthene	1.3	1.7	0.27	ug/l	J
86-73-7	Fluorene	ND	1.7	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	4.2	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.2	0.24	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.3	1.0	ug/l	
67-72-1	Hexachloroethane	ND	4.2	0.24	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	1.7	0.23	ug/l	J
78-59-1	Isophorone	ND	4.2	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.7	0.35	ug/l	
88-74-4	2-Nitroaniline	ND	8.3	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	8.3	0.34	ug/l	
100-01-6	4-Nitroaniline	ND	8.3	0.43	ug/l	
91-20-3	Naphthalene	0.34	1.7	0.26	ug/l	J
98-95-3	Nitrobenzene	ND	4.2	0.40	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.2	0.21	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.2	0.21	ug/l	
85-01-8	Phenanthrene	0.79	1.7	0.11	ug/l	J
129-00-0	Pyrene	1.5	1.7	0.14	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.23	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%	29%	10-79%
4165-62-2	Phenol-d5	24%	21%	10-72%
118-79-6	2,4,6-Tribromophenol	94%	71%	35-138%
4165-60-0	Nitrobenzene-d5	65%	54%	30-116%
321-60-8	2-Fluorobiphenyl	69%	58%	35-107%
1718-51-0	Terphenyl-d14	98%	81%	43-135%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW4	
Lab Sample ID:	MC36690-4	Date Sampled: 01/30/15
Matrix:	AQ - Ground Water	Date Received: 01/31/15
Method:	SW846 8082A SW846 3510C	Percent Solids: n/a
Project:	Salvage Yard, 837 Bailey + 79 Dingsen, Buffalo, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK46245.D	1	02/11/15	NK	02/01/15	OP41893	GBK1438
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.17	0.11	ug/l	
11104-28-2	Aroclor 1221	ND	0.17	0.11	ug/l	
11141-16-5	Aroclor 1232	ND	0.17	0.12	ug/l	
53469-21-9	Aroclor 1242	ND	0.17	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.17	0.083	ug/l	
11097-69-1	Aroclor 1254	ND	0.17	0.11	ug/l	
11096-82-5	Aroclor 1260	ND	0.17	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		10-147%
877-09-8	Tetrachloro-m-xylene	71%		10-147%
2051-24-3	Decachlorobiphenyl	50%		10-134%
2051-24-3	Decachlorobiphenyl	54%		10-134%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID:	TPMW4	Date Sampled:	01/30/15
Lab Sample ID:	MC36690-4	Date Received:	01/31/15
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	145	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	3070	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	16.6	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	156	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	9340	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	3.0	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	10.6	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	4.4 B	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

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Client Sample ID: TPMW4	Date Sampled: 01/30/15
Lab Sample ID: MC36690-4F	Date Received: 01/31/15
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY	

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.8 B	4.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Barium	221	50	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Cadmium	0.43 U	4.0	0.43	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Chromium	0.60 B	10	0.48	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Lead	1.7 U	5.0	1.7	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Mercury	0.096 U	0.20	0.096	ug/l	1	02/05/15	02/05/15 SA	SW846 7470A ¹	SW846 7470A ³
Selenium	2.0 U	10	2.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴
Silver	1.0 U	5.0	1.0	ug/l	1	02/05/15	02/05/15 EAL	SW846 6010C ²	SW846 3010A ⁴

(1) Instrument QC Batch: MA17890

(2) Instrument QC Batch: MA17892

(3) Prep QC Batch: MP24227

(4) Prep QC Batch: MP24230

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC36690 Client: LCS Project: SALVAGE YARD
Date / Time Received: 1/31/2015 10:30:00 AM Delivery Method: Airbill #'s:
Cooler Temps (Initial/Adjusted): #1: (2/2); #2: (1.8/1.8);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Thermometer ID: G1;
3. Cooler media: Ice (Bag)
4. No. Coolers: 2

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Comments

Accutest Laboratories
V: (508) 481-6200

495 Technology Center West, Bldg One
F: (508) 481-7753

Marlborough, MA 01752
www.accutest.com

MC36690: Chain of Custody
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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

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Job Number: MC36690**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSH2355-MB	H71079.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.25	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.47	ug/l	
75-25-2	Bromoform	ND	1.0	0.30	ug/l	
74-83-9	Bromomethane	ND	2.0	0.77	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.5	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.1	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.42	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.39	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.23	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.25	ug/l	
75-00-3	Chloroethane	ND	2.0	0.37	ug/l	
67-66-3	Chloroform	ND	1.0	0.31	ug/l	
74-87-3	Chloromethane	ND	2.0	0.59	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.26	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.24	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.16	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.33	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.29	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.44	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.47	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.44	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.38	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.25	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.35	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.22	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.39	ug/l	
91-20-3	Naphthalene	ND	5.0	0.69	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSH2355-MB	H71079.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Result	RL	MDL	Units	Q
103-65-1	n-Propylbenzene	ND	5.0	0.49	ug/l	
100-42-5	Styrene	ND	5.0	0.29	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.30	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.29	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.68	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.19	ug/l	
108-70-3	1,3,5-Trichlorobenzene	ND	5.0	0.35	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.42	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.30	ug/l	
79-01-6	Trichloroethene	ND	0.40	0.40	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.30	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.45	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 67-134%
2037-26-5	Toluene-D8	101% 79-121%
460-00-4	4-Bromofluorobenzene	95% 71-133%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
5048-08-8	Pyridine, 1,2,3,6-tetrahydro-1-methyl-4-	15.89	1	ug/l	JN
	Total TIC, Volatile		1	ug/l	J

Blank Spike Summary

Page 1 of 2

Job Number: MC36690**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSH2355-BS	H71077.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:**Method:** SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	74.9	150* ^a	10-147
71-43-2	Benzene	50	52.1	104	74-127
75-27-4	Bromodichloromethane	50	57.1	114	68-156
75-25-2	Bromoform	50	55.6	111	70-134
74-83-9	Bromomethane	50	55.3	111	14-180
78-93-3	2-Butanone (MEK)	50	72.5	145	23-148
104-51-8	n-Butylbenzene	50	57.4	115	75-140
135-98-8	sec-Butylbenzene	50	53.1	106	74-139
98-06-6	tert-Butylbenzene	50	52.2	104	71-141
75-15-0	Carbon disulfide	50	53.1	106	45-156
56-23-5	Carbon tetrachloride	50	57.0	114	67-152
108-90-7	Chlorobenzene	50	49.2	98	76-121
75-00-3	Chloroethane	50	58.7	117	54-177
67-66-3	Chloroform	50	55.2	110	68-139
74-87-3	Chloromethane	50	55.6	111	33-171
124-48-1	Dibromochloromethane	50	57.3	115	82-130
95-50-1	1,2-Dichlorobenzene	50	53.3	107	81-127
541-73-1	1,3-Dichlorobenzene	50	53.6	107	80-124
106-46-7	1,4-Dichlorobenzene	50	52.3	105	78-124
75-34-3	1,1-Dichloroethane	50	51.3	103	69-140
107-06-2	1,2-Dichloroethane	50	57.7	115	64-149
75-35-4	1,1-Dichloroethene	50	54.9	110	58-142
156-59-2	cis-1,2-Dichloroethene	50	56.7	113	68-129
156-60-5	trans-1,2-Dichloroethene	50	56.0	112	61-133
540-59-0	1,2-Dichloroethene (total)	100	113	113	61-133
78-87-5	1,2-Dichloropropane	50	56.1	112	74-135
10061-01-5	cis-1,3-Dichloropropene	50	62.4	125	75-138
10061-02-6	trans-1,3-Dichloropropene	50	62.9	126	70-150
100-41-4	Ethylbenzene	50	51.0	102	75-129
591-78-6	2-Hexanone	50	76.2	152* ^a	28-137
98-82-8	Isopropylbenzene	50	49.6	99	76-138
99-87-6	p-Isopropyltoluene	50	55.3	111	77-137
1634-04-4	Methyl Tert Butyl Ether	50	57.7	115	62-134
108-10-1	4-Methyl-2-pentanone (MIBK)	50	62.1	124	48-153
75-09-2	Methylene chloride	50	55.3	111	62-134
91-20-3	Naphthalene	50	51.6	103	32-196

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSH2355-BS	H71077.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
103-65-1	n-Propylbenzene	50	49.4	99	74-138
100-42-5	Styrene	50	53.2	106	75-131
79-34-5	1,1,2,2-Tetrachloroethane	50	55.7	111	64-132
127-18-4	Tetrachloroethene	50	50.2	100	68-133
108-88-3	Toluene	50	55.7	111	75-134
87-61-6	1,2,3-Trichlorobenzene	50	52.2	104	51-169
120-82-1	1,2,4-Trichlorobenzene	50	52.2	104	62-146
108-70-3	1,3,5-Trichlorobenzene	50	47.3	95	72-139
71-55-6	1,1,1-Trichloroethane	50	52.6	105	66-152
79-00-5	1,1,2-Trichloroethane	50	59.1	118	70-138
79-01-6	Trichloroethene	50	52.9	106	70-131
95-63-6	1,2,4-Trimethylbenzene	50	53.9	108	76-133
108-67-8	1,3,5-Trimethylbenzene	50	55.6	111	72-131
75-01-4	Vinyl chloride	50	54.3	109	32-182
	m,p-Xylene	100	99.3	99	74-129
95-47-6	o-Xylene	50	49.9	100	77-127
1330-20-7	Xylene (total)	150	149	99	75-128

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	67-134%
2037-26-5	Toluene-D8	103%	79-121%
460-00-4	4-Bromofluorobenzene	98%	71-133%

(a) Outside control limits. Associated samples are non-detect for this compound.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingers, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36701-1MS	H71092.D	5	02/05/15	AMY	n/a	n/a	MSH2355
MC36701-1MSD	H71093.D	5	02/05/15	AMY	n/a	n/a	MSH2355
MC36701-1	H71083.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	MC36701-1 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	169	68	250	188	75	11	10-135/30
71-43-2	Benzene	ND		250	271	108	250	271	108	0	69-136/30
75-27-4	Bromodichloromethane	ND		250	294	118	250	300	120	2	63-163/30
75-25-2	Bromoform	ND		250	285	114	250	296	118	4	61-140/30
74-83-9	Bromomethane	ND		250	274	110	250	284	114	4	10-175/30
78-93-3	2-Butanone (MEK)	ND		250	249	100	250	266	106	7	19-130/30
104-51-8	n-Butylbenzene	ND		250	305	122	250	305	122	0	65-147/30
135-98-8	sec-Butylbenzene	ND		250	278	111	250	277	111	0	72-143/30
98-06-6	tert-Butylbenzene	ND		250	275	110	250	277	111	1	66-146/30
75-15-0	Carbon disulfide	ND		250	296	118	250	296	118	0	33-170/30
56-23-5	Carbon tetrachloride	ND		250	303	121	250	306	122	1	61-163/30
108-90-7	Chlorobenzene	ND		250	266	106	250	259	104	3	73-127/30
75-00-3	Chloroethane	ND		250	301	120	250	302	121	0	56-176/30
67-66-3	Chloroform	ND		250	298	119	250	294	118	1	65-146/30
74-87-3	Chloromethane	ND		250	295	118	250	299	120	1	23-176/30
124-48-1	Dibromochloromethane	ND		250	298	119	250	295	118	1	76-135/30
95-50-1	1,2-Dichlorobenzene	ND		250	279	112	250	282	113	1	74-134/30
541-73-1	1,3-Dichlorobenzene	ND		250	278	111	250	280	112	1	76-128/30
106-46-7	1,4-Dichlorobenzene	ND		250	275	110	250	277	111	1	75-126/30
75-34-3	1,1-Dichloroethane	ND		250	277	111	250	271	108	2	66-148/30
107-06-2	1,2-Dichloroethane	ND		250	295	118	250	299	120	1	59-157/30
75-35-4	1,1-Dichloroethene	ND		250	302	121	250	306	122	1	54-152/30
156-59-2	cis-1,2-Dichloroethene	0.90	J	250	308	123	250	305	122	1	58-142/30
156-60-5	trans-1,2-Dichloroethene	ND		250	304	122	250	303	121	0	57-142/30
540-59-0	1,2-Dichloroethene (total)	0.90	J	500	612	122	500	608	121	1	57-142/30
78-87-5	1,2-Dichloropropane	ND		250	297	119	250	299	120	1	70-142/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	323	129	250	325	130	1	69-140/30
10061-02-6	trans-1,3-Dichloropropene	ND		250	324	130	250	326	130	1	64-153/30
100-41-4	Ethylbenzene	ND		250	274	110	250	271	108	1	67-141/30
591-78-6	2-Hexanone	ND		250	240	96	250	244	98	2	25-118/30
98-82-8	Isopropylbenzene	ND		250	260	104	250	260	104	0	71-144/30
99-87-6	p-Isopropyltoluene	ND		250	295	118	250	290	116	2	72-141/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	310	124	250	319	128	3	48-149/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	297	119	250	310	124	4	46-158/30
75-09-2	Methylene chloride	ND		250	310	124	250	310	124	0	58-143/30
91-20-3	Naphthalene	ND		250	226	90	250	284	114	23	19-200/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingsens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC36701-1MS	H71092.D	5	02/05/15	AMY	n/a	n/a	MSH2355
MC36701-1MSD	H71093.D	5	02/05/15	AMY	n/a	n/a	MSH2355
MC36701-1	H71083.D	1	02/05/15	AMY	n/a	n/a	MSH2355

The QC reported here applies to the following samples:

Method: SW846 8260C

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	MC36701-1 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
103-65-1	n-Propylbenzene	ND	250	259	104	250	256	102	1	67-145/30
100-42-5	Styrene	ND	250	281	112	250	289	116	3	54-150/30
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	277	111	250	292	117	5	61-137/30
127-18-4	Tetrachloroethene	ND	250	273	109	250	264	106	3	64-139/30
108-88-3	Toluene	ND	250	300	120	250	295	118	2	72-141/30
87-61-6	1,2,3-Trichlorobenzene	ND	250	261	104	250	285	114	9	40-170/30
120-82-1	1,2,4-Trichlorobenzene	ND	250	261	104	250	285	114	9	54-147/30
108-70-3	1,3,5-Trichlorobenzene	ND	250	249	100	250	257	103	3	67-140/30
71-55-6	1,1,1-Trichloroethane	ND	250	291	116	250	292	117	0	61-164/30
79-00-5	1,1,2-Trichloroethane	ND	250	303	121	250	310	124	2	65-145/30
79-01-6	Trichloroethene	ND	250	291	116	250	276	110	5	64-139/30
95-63-6	1,2,4-Trimethylbenzene	ND	250	287	115	250	285	114	1	66-142/30
108-67-8	1,3,5-Trimethylbenzene	ND	250	293	117	250	295	118	1	68-135/30
75-01-4	Vinyl chloride	ND	250	296	118	250	301	120	2	25-187/30
	m,p-Xylene	ND	500	532	106	500	527	105	1	67-138/30
95-47-6	o-Xylene	ND	250	267	107	250	267	107	0	72-135/30
1330-20-7	Xylene (total)	ND	750	798	106	750	794	106	1	67-139/30

CAS No.	Surrogate Recoveries	MS	MSD	MC36701-1	Limits
1868-53-7	Dibromofluoromethane	104%	105%	102%	67-134%
2037-26-5	Toluene-D8	102%	100%	101%	79-121%
460-00-4	4-Bromofluorobenzene	97%	97%	92%	71-133%

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

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Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC36690-1	H71088.D	98	100	94
MC36690-2	H71089.D	98	98	95
MC36690-3	H71090.D	102	97	97
MC36690-4	H71091.D	99	101	96
MC36701-1MS	H71092.D	104	102	97
MC36701-1MSD	H71093.D	105	100	97
MSH2355-BS	H71077.D	106	103	98
MSH2355-MB	H71079.D	99	101	95

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

67-134%

S2 = Toluene-D8

79-121%

S3 = 4-Bromofluorobenzene

71-133%

5.4.1

5

GC/MS Semi-volatiles



QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

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Job Number: MC36690**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-MB	W20370.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.29	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.51	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.47	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	0.34	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	0.59	ug/l	
95-48-7	2-Methylphenol	ND	10	0.30	ug/l	
	3&4-Methylphenol	ND	10	0.44	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.47	ug/l	
100-02-7	4-Nitrophenol	ND	20	1.3	ug/l	
87-86-5	Pentachlorophenol	ND	10	0.35	ug/l	
108-95-2	Phenol	ND	5.0	0.32	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.45	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.45	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	2.0	0.17	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.51	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.47	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.25	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.24	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.34	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.36	ug/l	
86-74-8	Carbazole	ND	2.0	0.16	ug/l	
218-01-9	Chrysene	ND	2.0	0.13	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.49	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.42	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.42	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.37	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.38	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.27	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: MC36690**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-MB	W20370.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Result	RL	MDL	Units	Q
132-64-9	Dibenzofuran	ND	2.0	0.25	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.27	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.29	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.27	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.24	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.32	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.33	ug/l	
86-73-7	Fluorene	ND	2.0	0.21	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.24	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	1.3	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.28	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.47	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.43	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.36	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.40	ug/l	
100-01-6	4-Nitroaniline	ND	10	0.51	ug/l	
91-20-3	Naphthalene	ND	2.0	0.31	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.48	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.26	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.25	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.13	ug/l	
129-00-0	Pyrene	ND	2.0	0.17	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	31% 10-79%
4165-62-2	Phenol-d5	21% 10-72%
118-79-6	2,4,6-Tribromophenol	70% 35-138%
4165-60-0	Nitrobenzene-d5	53% 30-116%
321-60-8	2-Fluorobiphenyl	50% 35-107%
1718-51-0	Terphenyl-d14	94% 43-135%

Blank Spike Summary

Page 1 of 3

Job Number: MC36690**Account:** LCSNYB Lender Consulting Services, Inc.**Project:** Salvage Yard, 837 Bailey + 79 Dings, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-BS	W20371.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:**Method:** SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-57-8	2-Chlorophenol	50	23.7	47	47-106
59-50-7	4-Chloro-3-methyl phenol	50	29.3	59	50-111
120-83-2	2,4-Dichlorophenol	50	27.5	55	53-114
105-67-9	2,4-Dimethylphenol	50	16.6	33	23-110
51-28-5	2,4-Dinitrophenol	50	29.8	60	10-156
534-52-1	4,6-Dinitro-o-cresol	50	28.1	56	17-159
95-48-7	2-Methylphenol	50	19.7	39* a	40-92
	3&4-Methylphenol	100	39.6	40	38-86
88-75-5	2-Nitrophenol	50	26.2	52* a	53-115
100-02-7	4-Nitrophenol	50	15.3	31	10-83
87-86-5	Pentachlorophenol	50	30.8	62	41-122
108-95-2	Phenol	50	11.0	22	15-55
95-95-4	2,4,5-Trichlorophenol	50	25.4	51* a	52-120
88-06-2	2,4,6-Trichlorophenol	50	36.8	74	53-119
83-32-9	Acenaphthene	50	26.9	54* a	62-115
208-96-8	Acenaphthylene	50	26.9	54	49-102
120-12-7	Anthracene	50	25.6	51* a	69-112
56-55-3	Benzo(a)anthracene	50	37.5	75	75-127
50-32-8	Benzo(a)pyrene	50	32.8	66* a	69-116
205-99-2	Benzo(b)fluoranthene	50	36.5	73	69-131
191-24-2	Benzo(g,h,i)perylene	50	34.6	69	66-137
207-08-9	Benzo(k)fluoranthene	50	31.0	62* a	64-120
101-55-3	4-Bromophenyl phenyl ether	50	27.5	55* a	65-127
85-68-7	Butyl benzyl phthalate	50	36.1	72	68-128
91-58-7	2-Chloronaphthalene	50	27.9	56* a	58-120
106-47-8	4-Chloroaniline	50	23.1	46* a	48-106
86-74-8	Carbazole	50	29.6	59* a	70-113
218-01-9	Chrysene	50	33.5	67* a	70-117
111-91-1	bis(2-Chloroethoxy)methane	50	24.4	49	42-118
111-44-4	bis(2-Chloroethyl)ether	50	24.0	48	35-123
108-60-1	bis(2-Chloroisopropyl)ether	50	26.1	52	37-160
7005-72-3	4-Chlorophenyl phenyl ether	50	29.5	59	57-121
121-14-2	2,4-Dinitrotoluene	50	32.8	66	64-127
606-20-2	2,6-Dinitrotoluene	50	25.1	50* a	55-135
91-94-1	3,3'-Dichlorobenzidine	50	30.6	61	49-141
53-70-3	Dibenzo(a,h)anthracene	50	33.4	67	55-153

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 3

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-BS	W20371.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
132-64-9	Dibenzofuran	50	28.1	56* a	60-107
84-74-2	Di-n-butyl phthalate	50	27.8	56* a	68-117
117-84-0	Di-n-octyl phthalate	50	35.0	70	60-139
84-66-2	Diethyl phthalate	50	26.9	54	51-127
131-11-3	Dimethyl phthalate	50	25.7	51	22-147
117-81-7	bis(2-Ethylhexyl)phthalate	50	36.0	72	69-133
206-44-0	Fluoranthene	50	29.7	59* a	73-122
86-73-7	Fluorene	50	29.7	59* a	65-117
118-74-1	Hexachlorobenzene	50	25.7	51* a	62-131
87-68-3	Hexachlorobutadiene	50	19.0	38	14-120
77-47-4	Hexachlorocyclopentadiene	50	11.9	24	10-74
67-72-1	Hexachloroethane	50	17.0	34	15-104
193-39-5	Indeno(1,2,3-cd)pyrene	50	34.3	69	56-149
78-59-1	Isophorone	50	22.0	44	44-110
91-57-6	2-Methylnaphthalene	50	34.9	70	46-111
88-74-4	2-Nitroaniline	50	28.9	58* a	63-123
99-09-2	3-Nitroaniline	50	28.1	56* a	63-112
100-01-6	4-Nitroaniline	50	24.0	48* a	58-114
91-20-3	Naphthalene	50	22.6	45	40-125
98-95-3	Nitrobenzene	50	23.7	47	37-130
621-64-7	N-Nitroso-di-n-propylamine	50	26.2	52	44-128
86-30-6	N-Nitrosodiphenylamine	50	23.0	46* a	62-107
85-01-8	Phenanthrene	50	27.4	55* a	70-117
129-00-0	Pyrene	50	36.0	72	69-120
120-82-1	1,2,4-Trichlorobenzene	50	20.9	42	33-111

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	30%	10-79%
4165-62-2	Phenol-d5	22%	10-72%
118-79-6	2,4,6-Tribromophenol	58%	35-138%
4165-60-0	Nitrobenzene-d5	52%	30-116%
321-60-8	2-Fluorobiphenyl	53%	35-107%
1718-51-0	Terphenyl-d14	84%	43-135%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC36690
Account: LCSNYB Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-BS	W20371.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples: Method: SW846 8270D
MC36690-1, MC36690-2, MC36690-3, MC36690-4

(a) Outside control limits. Associated samples re-extracted/reanalyzed for confirmation.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-MS	W20372.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
OP41894-MSD	W20373.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
MC36700-3	W20374.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	MC36700-3 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND	50	24.2	48	50	21.6	43	11	37-112/20
59-50-7	4-Chloro-3-methyl phenol	ND	50	27.9	56	50	28.8	58	3	43-115/20
120-83-2	2,4-Dichlorophenol	ND	50	26.2	52	50	25.0	50	5	47-119/20
105-67-9	2,4-Dimethylphenol	ND	50	16.5	33	50	15.7	31	5	15-118/20
51-28-5	2,4-Dinitrophenol	ND	50	32.3	65	50	39.3	79	20	10-165/20
534-52-1	4,6-Dinitro-o-cresol	ND	50	35.5	71	50	40.6	81	13	13-165/20
95-48-7	2-Methylphenol	ND	50	20.2	40	50	18.8	38	7	30-99/20
	3&4-Methylphenol	ND	100	39.9	40	100	36.7	37	8	32-89/20
88-75-5	2-Nitrophenol	ND	50	25.3	51	50	22.7	45	11	44-120/20
100-02-7	4-Nitrophenol	ND	50	17.4	35	50	20.4	41	16	10-93/20
87-86-5	Pentachlorophenol	ND	50	37.2	74	50	41.7	83	11	33-131/20
108-95-2	Phenol	ND	50	11.4	23	50	10.2	20	11	15-53/20
95-95-4	2,4,5-Trichlorophenol	ND	50	26.7	53	50	27.7	55	4	45-126/20
88-06-2	2,4,6-Trichlorophenol	ND	50	33.3	67	50	33.3	67	0	45-124/20
83-32-9	Acenaphthene	ND	50	26.0	52* a	50	25.4	51* a	2	55-119/20
208-96-8	Acenaphthylene	ND	50	25.5	51	50	24.9	50	2	44-104/20
120-12-7	Anthracene	ND	50	31.6	63	50	32.8	66	4	60-118/20
56-55-3	Benzo(a)anthracene	ND	50	38.9	78	50	44.5	89	13	66-132/20
50-32-8	Benzo(a)pyrene	ND	50	34.3	69	50	39.8	80	15	61-121/20
205-99-2	Benzo(b)fluoranthene	ND	50	34.5	69	50	44.0	88	24* b	63-134/20
191-24-2	Benzo(g,h,i)perylene	ND	50	34.8	70	50	41.6	83	18	59-141/20
207-08-9	Benzo(k)fluoranthene	ND	50	34.5	69	50	37.5	75	8	58-122/20
101-55-3	4-Bromophenyl phenyl ether	ND	50	33.8	68	50	33.5	67	1	57-131/20
85-68-7	Butyl benzyl phthalate	ND	50	37.8	76	50	43.1	86	13	58-135/20
91-58-7	2-Chloronaphthalene	ND	50	26.2	52	50	24.6	49* a	6	51-123/20
106-47-8	4-Chloroaniline	ND	50	22.5	45	50	22.7	45	1	39-109/20
86-74-8	Carbazole	ND	50	35.8	72	50	38.9	78	8	62-121/20
218-01-9	Chrysene	ND	50	35.2	70	50	40.3	81	14	63-122/20
111-91-1	bis(2-Chloroethoxy)methane	ND	50	24.9	50	50	21.9	44	13	36-120/20
111-44-4	bis(2-Chloroethyl)ether	ND	50	24.9	50	50	22.7	45	9	30-124/20
108-60-1	bis(2-Chloroisopropyl)ether	ND	50	26.6	53	50	23.7	47	12	25-171/20
7005-72-3	4-Chlorophenyl phenyl ether	ND	50	25.3	51	50	28.4	57	12	51-122/20
121-14-2	2,4-Dinitrotoluene	ND	50	33.7	67	50	39.5	79	16	57-131/20
606-20-2	2,6-Dinitrotoluene	ND	50	21.0	42* a	50	28.3	57	30* a	52-135/20
91-94-1	3,3'-Dichlorobenzidine	ND	50	31.9	64	50	37.3	75	16	25-157/20
53-70-3	Dibenzo(a,h)anthracene	ND	50	33.6	67	50	40.8	82	19	52-151/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingers, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-MS	W20372.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
OP41894-MSD	W20373.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
MC36700-3	W20374.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	MC36700-3 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
132-64-9	Dibenzofuran	ND	50	26.7	53* a	50	27.1	54	1	54-110/20
84-74-2	Di-n-butyl phthalate	ND	50	34.5	69	50	37.5	75	8	60-122/20
117-84-0	Di-n-octyl phthalate	ND	50	35.4	71	50	41.4	83	16	54-142/20
84-66-2	Diethyl phthalate	ND	50	27.7	55	50	31.4	63	13	40-132/20
131-11-3	Dimethyl phthalate	ND	50	26.2	52	50	31.5	63	18	13-149/20
117-81-7	bis(2-Ethylhexyl)phthalate	ND	50	38.0	76	50	43.0	86	12	59-139/20
206-44-0	Fluoranthene	ND	50	36.3	73	50	38.7	77	6	65-126/20
86-73-7	Fluorene	ND	50	29.3	59	50	30.3	61	3	59-120/20
118-74-1	Hexachlorobenzene	ND	50	31.6	63	50	33.8	68	7	56-135/20
87-68-3	Hexachlorobutadiene	ND	50	17.5	35	50	14.4	29	19	10-120/20
77-47-4	Hexachlorocyclopentadiene	ND	50	10.5	21	50	9.1	18	14	10-73/20
67-72-1	Hexachloroethane	ND	50	16.3	33	50	13.0	26	23* b	13-103/20
193-39-5	Indeno(1,2,3-cd)pyrene	ND	50	34.7	69	50	42.2	84	20	49-151/20
78-59-1	Isophorone	ND	50	22.3	45	50	20.9	42	6	41-110/20
91-57-6	2-Methylnaphthalene	ND	50	33.4	67	50	31.3	63	6	38-115/20
88-74-4	2-Nitroaniline	ND	50	29.1	58	50	30.1	60	3	57-126/20
99-09-2	3-Nitroaniline	ND	50	29.9	60	50	29.9	60	0	53-118/20
100-01-6	4-Nitroaniline	ND	50	27.8	56	50	37.1	74	29* a	50-119/20
91-20-3	Naphthalene	ND	50	21.5	43	50	19.1	38	12	32-128/20
98-95-3	Nitrobenzene	ND	50	23.9	48	50	21.8	44	9	35-127/20
621-64-7	N-Nitroso-di-n-propylamine	ND	50	26.5	53	50	24.6	49	7	39-129/20
86-30-6	N-Nitrosodiphenylamine	ND	50	28.5	57	50	30.0	60	5	55-112/20
85-01-8	Phenanthrene	ND	50	31.4	63	50	33.6	67	7	62-123/20
129-00-0	Pyrene	ND	50	37.0	74	50	42.9	86	15	62-125/20
120-82-1	1,2,4-Trichlorobenzene	ND	50	20.0	40	50	17.1	34	16	27-113/20

CAS No.	Surrogate Recoveries	MS	MSD	MC36700-3	Limits
367-12-4	2-Fluorophenol	30%	26%	30%	10-79%
4165-62-2	Phenol-d5	22%	20%	20%	10-72%
118-79-6	2,4,6-Tribromophenol	70%	74%	82%	35-138%
4165-60-0	Nitrobenzene-d5	51%	46%	51%	30-116%
321-60-8	2-Fluorobiphenyl	48%	45%	50%	35-107%
1718-51-0	Terphenyl-d14	85%	97%	96%	43-135%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41894-MS	W20372.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
OP41894-MSD	W20373.D	1	02/12/15	KD	02/01/15	OP41894	MSW886
MC36700-3	W20374.D	1	02/12/15	KD	02/01/15	OP41894	MSW886

The QC reported here applies to the following samples:

Method: SW846 8270D

MC36690-1, MC36690-2, MC36690-3, MC36690-4

- (a) Outside control limits. Associated samples re-extracted/reanalyzed for confirmation.
- (b) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8270D

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC36690-1	W20362.D	38	24	93	63	67	82
MC36690-1	W20366.D	32	22	81	62	67	98
MC36690-2	W20363.D	25	18	65	43	49	84
MC36690-2	W20367.D	32	22	83	60	57	92
MC36690-3	W20364.D	29	20	65	48	54	79
MC36690-3	W20368.D	25	19	76	59	63	100
MC36690-4	W20365.D	29	21	71	54	58	81
MC36690-4	W20369.D	35	24	94	65	69	98
OP41894-BS	W20371.D	30	22	58	52	53	84
OP41894-MB	W20370.D	31	21	70	53	50	94
OP41894-MS	W20372.D	30	22	70	51	48	85
OP41894-MSD	W20373.D	26	20	74	46	45	97

Surrogate Compounds

Recovery Limits

S1 = 2-Fluorophenol	10-79%
S2 = Phenol-d5	10-72%
S3 = 2,4,6-Tribromophenol	35-138%
S4 = Nitrobenzene-d5	30-116%
S5 = 2-Fluorobiphenyl	35-107%
S6 = Terphenyl-d14	43-135%

6.4.1

6

GC Semi-volatiles

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41893-MB	BK46143.D	1	02/06/15	NK	02/01/15	OP41893	GBK1434

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.16	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.18	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.19	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.12	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.16	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.19	ug/l	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	58% 10-147%
877-09-8	Tetrachloro-m-xylene	56% 10-147%
2051-24-3	Decachlorobiphenyl	42% 10-134%
2051-24-3	Decachlorobiphenyl	41% 10-134%

Blank Spike Summary

Page 1 of 1

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41893-BS	BK46144.D	1	02/06/15	NK	02/01/15	OP41893	GBK1434

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36690-1, MC36690-2, MC36690-3, MC36690-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
12674-11-2	Aroclor 1016	2	1.3	65	47-126
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	2	1.8	90	38-121

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	62%	10-147%
877-09-8	Tetrachloro-m-xylene	65%	10-147%
2051-24-3	Decachlorobiphenyl	60%	10-134%
2051-24-3	Decachlorobiphenyl	61%	10-134%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP41893-MS	BK46145.D	1	02/06/15	NK	02/01/15	OP41893	GBK1434
OP41893-MSD	BK46146.D	1	02/06/15	NK	02/01/15	OP41893	GBK1434
MC36700-6	BK46148.D	1	02/06/15	NK	02/01/15	OP41893	GBK1434

The QC reported here applies to the following samples:

Method: SW846 8082A

MC36690-1, MC36690-2, MC36690-3, MC36690-4

7.3.1

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CAS No.	Compound	MC36700-6 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	2	1.4	70	2	1.6	80	13	40-140/50
11104-28-2	Aroclor 1221	ND		ND			ND		nc	40-140/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	40-140/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	40-140/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	40-140/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	40-140/50
11096-82-5	Aroclor 1260	ND	2	1.8	90	2	1.8	90	0	40-140/50

CAS No.	Surrogate Recoveries	MS	MSD	MC36700-6	Limits
877-09-8	Tetrachloro-m-xylene	65%	71%	70%	10-147%
877-09-8	Tetrachloro-m-xylene	66%	72%	69%	10-147%
2051-24-3	Decachlorobiphenyl	58%	59%	64%	10-134%
2051-24-3	Decachlorobiphenyl	59%	60%	65%	10-134%

* = Outside of Control Limits.

Semivolatile Surrogate Recovery Summary

Page 1 of 1

Job Number: MC36690

Account: LCSNYB Lender Consulting Services, Inc.

Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

Method: SW846 8082A

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
MC36690-1	BK46242.D	60	60	46	49
MC36690-2	BK46243.D	51	53	42	44
MC36690-3	BK46244.D	67	69	51	58
MC36690-4	BK46245.D	70	71	50	54
OP41893-BS	BK46144.D	62	65	60	61
OP41893-MB	BK46143.D	58	56	42	41
OP41893-MS	BK46145.D	65	66	58	59
OP41893-MSD	BK46146.D	71	72	59	60

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

10-147%

S2 = Decachlorobiphenyl

10-134%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

7.4.1

7

Metals Analysis

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36690
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24227
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 02/05/15 02/05/15

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Mercury	0.20	.038	.096	-0.031	<0.20	-0.021	<0.20

Associated samples MP24227: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.1.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24227
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36690-1F Original MS	Spikelot HGRWS1	% Rec	QC Limits
Mercury	0.0 3.2	3	106.7	75-125

Associated samples MP24227: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24227
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36690-1F Original MSD		SpikeLot HGRWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	3.2	3	106.7	0.0	20

Associated samples MP24227: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.1.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24227
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 02/05/15 02/05/15

Metal	BSP Result	Spikelet HGRWS1	% Rec	QC Limits	BSD Result	Spikelet HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	3.1	3	103.3	80-120	3.0	3	100.0	3.3	20

Associated samples MP24227: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.1.3
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36690
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

02/05/15

02/05/15

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	13	28				
Antimony	6.0	1.1	2				
Arsenic	4.0	1.6	1.7	-0.40	<4.0	-0.30	<4.0
Barium	50	.22	1	0.10	<50	0.40	<50
Beryllium	4.0	.21	.25				
Bismuth	50	1.3	2.1				
Boron	100	.93	1.1				
Cadmium	4.0	.16	.43	0.10	<4.0	0.10	<4.0
Calcium	5000	8.1	15				
Chromium	10	.35	.48	0.0	<10	0.20	<10
Cobalt	50	.28	.28				
Copper	25	2.4	2.4				
Gold	50	1.1	1.5				
Iron	100	3.8	17				
Lead	5.0	1.1	1.7	-0.10	<5.0	-0.40	<5.0
Lithium	500	1.9	2.5				
Magnesium	5000	27	54				
Manganese	15	.02	1.4				
Molybdenum	100	.78	3.6				
Nickel	40	.32	.5				
Palladium	50	1.4	2.6				
Platinum	50	4.6	5.4				
Potassium	5000	40	49				
Selenium	10	1.8	2	0.60	<10	0.50	<10
Silicon	100	12	30				
Silver	5.0	.83	1	-0.30	<5.0	-0.20	<5.0
Sodium	5000	14	77				
Sulfur	50	2	4.6				
Strontium	10	.04	.22				
Thallium	5.0	1.6	1.7				
Tin	100	.73	.81				
Titanium	50	.5	.51				
Tungsten	100	1.8	22				

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC36690
Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

02/05/15

02/05/15

Metal	RL	IDL	MDL	MB raw	final	MB raw	final
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Vanadium 10 .36 .51

Zinc 20 .99 1

Zirconium 50 .19 1.2

Associated samples MP24230: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.2.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36719-1 Original MS		SpikeLot MPICP	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	0.0	557	500	111.4	75-125
Barium	490	2560	2000	103.5	75-125
Beryllium					
Bismuth					
Boron					
Cadmium	2.3	581	500	115.7	75-125
Calcium					
Chromium	3.8	478	500	94.8	75-125
Cobalt					
Copper					
Gold					
Iron					
Lead	11.5	1020	1000	100.9	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	5.6	557	500	110.3	75-125
Silicon					
Silver	0.0	213	200	106.5	75-125
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36719-1 Original MS	Spikelet MPICP	% Rec	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP24230: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36719-1 Original MSD		SpikeLot MPICP	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	0.0	561	500	112.2	0.7	20
Barium	490	2570	2000	104.0	0.4	20
Beryllium						
Bismuth						
Boron						
Cadmium	2.3	589	500	117.3	1.4	20
Calcium						
Chromium	3.8	485	500	96.2	1.5	20
Cobalt						
Copper						
Gold						
Iron						
Lead	11.5	1040	1000	102.9	1.9	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Palladium						
Platinum						
Potassium						
Selenium	5.6	571	500	113.1	2.5	20
Silicon						
Silver	0.0	217	200	108.5	1.9	20
Sodium						
Sulfur						
Strontium						
Thallium						
Tin						
Titanium						
Tungsten						

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36719-1 Original MSD	Spielot MPICP	% Rec	MSD RPD	QC Limit
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Vanadium

Zinc

Zirconium

Associated samples MP24230: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

8.2.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36690

Account: LCSNYB - Lender Consulting Services, Inc.
Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NYQC Batch ID: MP24230
Matrix Type: AQUEOUSMethods: SW846 6010C
Units: ug/l

Prep Date:

02/05/15

02/05/15

Metal	BSP Result	SpikeLot MPICP	% Rec	QC Limits	BSD Result	SpikeLot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	499	500	99.8	80-120	512	500	102.4	2.6	20
Barium	2000	2000	100.0	80-120	2070	2000	103.5	3.4	20
Beryllium									
Bismuth									
Boron									
Cadmium	519	500	103.8	80-120	532	500	106.4	2.5	20
Calcium									
Chromium	497	500	99.4	80-120	512	500	102.4	3.0	20
Cobalt									
Copper									
Gold									
Iron									
Lead	1000	1000	100.0	80-120	1030	1000	103.0	3.0	20
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Palladium									
Platinum									
Potassium									
Selenium	511	500	102.2	80-120	523	500	104.6	2.3	20
Silicon									
Silver	177	200	88.5	80-120	183	200	91.5	3.3	20
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15 02/05/15

Metal	BSP Result	Spike lot MPICP	% Rec	QC Limits	BSD Result	Spike lot MPICP	% Rec	BSD RPD	QC Limit
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Vanadium

Zinc

Zirconium

Associated samples MP24230: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

8.2.3

8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal		MC36719-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum					
Antimony					
Arsenic	0.00	0.00	NC		0-10
Barium	490	498	1.6		0-10
Beryllium					
Bismuth					
Boron					
Cadmium	2.30	2.80	21.7 (a)		0-10
Calcium					
Chromium	3.80	5.90	55.3 (a)		0-10
Cobalt					
Copper					
Gold					
Iron					
Lead	11.5	6.80	40.9 (a)		0-10
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Palladium					
Platinum					
Potassium					
Selenium	5.60	0.00	100.0(a)		0-10
Silicon					
Silver	0.00	0.00	NC		0-10
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

8.2.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC36690
 Account: LCSNYB - Lender Consulting Services, Inc.
 Project: Salvage Yard, 837 Bailey + 79 Dingens, Buffalo, NY

QC Batch ID: MP24230
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 02/05/15

Metal	MC36719-1 Original SDL 1:5	%DIF	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP24230: MC36690-1, MC36690-2, MC36690-3, MC36690-4, MC36690-1F, MC36690-2F, MC36690-3F, MC36690-4F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.2.4

8

DRAFT

LIMITATIONS

This environmental study is limited by the scope of services contained within this report and time frames specified within the contracts for services dated December 5, 2014.

This environmental study makes no warranties nor implies any liability regarding:

1. Any impacted media located beneath the on-site structure(s).
2. Any chemical analytes not included within the analytical test methods employed during this study.
3. Any impacted media present from off-site sources not assessed.
4. Any impact at locations and depths not assessed in this study.
5. Any impact at locations where access was limited (i.e., beneath structures, etc.).
6. Vapor Intrusion.

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.