

Phase II Environmental Site Assessment

Location:

1660 Niagara Street
Buffalo, New York

Prepared for:

Buffalo Niagara RIVERKEEPER
Mr. Matt Mattison
721 Main Street
Buffalo, New York 14203

And

Buffalo Niagara River Land Trust

And

BNRLT 1660 Niagara, LLC

LaBella Project No. 2151177

February 19, 2016

Table of Contents

1.0	INTRODUCTION	1
1.1	Limitations & Exceptions.....	1
1.2	Reliance.....	1
1.3	New York State Department of Environmental Conservation Spill	1
2.0	BACKGROUND	1
2.1	Site Description & Features	1
2.2	Physical Setting	1
2.3	Adjacent Property Use	2
2.4	Summary of Previous Studies	2
3.0	OBJECTIVE	2
4.0	GEOPHYSICAL SURVEY	3
5.0	TEST PIT INVESTIGATION	3
5.1	Anomaly Investigation	4
5.2	General Test Pit Investigation	5
5.3	Underground Storage Tanks	6
5.3.1	<i>Underground Storage Tank Content Analysis</i>	6
5.3.2	<i>Underground Storage Tank Content Disposal</i>	6
5.4	Vertical Grease Cylinder Sampling.....	6
6.0	DIRECT-PUSH SOIL BORINGS & GROUNDWATER WELL INSTALLATION.....	7
6.1	Soil Borings.....	7
6.2	Groundwater Well Installation	8
7.0	SOIL & GROUNDWATER LABORATORY ANALYSIS	8
7.1	Soil Laboratory Analysis	8
7.2	Groundwater Laboratory Analysis	9
7.3	Quality Control.....	10
8.0	LABORATORY RESULTS.....	10
8.1.1	<i>Test Pit Soil Laboratory Results</i>	10
8.1.2	<i>Soil Borings</i>	11
8.1.3	<i>Temporary Groundwater Monitoring Wells</i>	12
8.1.4	<i>Quality Control</i>	12
9.0	CONCLUSIONS.....	12
10.0	RECOMMENDATIONS	14
11.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS.....	14

TABLE OF CONTENTS

Continued

Figures	Figure 1 – Site Location Map Figure 2 – Site Investigation Map
Tables	Table 1 – Summary of Test Pit Analytical Results Table 2 – Summary of Soil Boring Analytical Results Table 3 – Summary of Groundwater Analytical Results Table 4 – Summary of Characterization Analytical Results
Appendix 1	Geophysical Engineering Survey Report
Appendix 2	Field Logs
Appendix 3	Laboratory Reports

1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) was retained to conduct a Phase II Environmental Site Assessment (ESA) at the property located at 1660 Niagara Street, City of Buffalo, Erie County, New York, hereinafter referred to as the "Site" (see Figure 1). This Phase II ESA has been performed in conformance with the scope and limitations of ASTM Practice E 1903-11.

1.1 *Limitations & Exceptions*

Work associated with this Phase II ESA was performed in accordance with generally accepted environmental engineering and environmental contracting practices for this region. LaBella makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts or reports.

In addition, LaBella cannot provide guarantees, certifications or warranties that the Site is or is not free of environmental impairment or other regulated solid wastes. The Client shall be aware that the data and representative samples from any given soil sampling point or monitoring well may represent conditions that apply only at that particular location, and such conditions may not necessarily apply to the general Site as a whole.

1.2 *Reliance*

Buffalo Niagara RIVERKEEPER may rely upon the findings of this report and should be aware of the agreed upon scope of work and the limitations associated with this Scope of Work.

1.3 *New York State Department of Environmental Conservation Spill*

Based on field evidence of petroleum impact encountered within the scope of this assessment, the New York State Department of Environmental Conservation (NYSDEC) was notified and spill # 1508546 was assigned to the Site.

2.0 BACKGROUND

2.1 *Site Description & Features*

The Site comprises approximately 0.4 acres of land and is currently bordered by Scajaquada Creek to the southwest and Niagara Street to the northeast. The Site is currently undeveloped; however, is overlain with several concrete pads associated with historical structures and paved areas.

2.2 *Physical Setting*

The Site is located at 1660 Niagara Street, City of Buffalo, Erie County, New York, within a predominantly urban area.

2.3 Adjacent Property Use

The Site is bordered by the following properties:

Direction	Land Use
North	Novelty Shop
South	Fallow land and a small transformer station followed by railroad tracks
East beyond Niagara Street	Various commercial/retail operations
West	Scajaquada Creek

2.4 Summary of Previous Studies

Based on the review of a Phase I ESA dated May 2011 and a walkthrough conducted at the Site by LaBella personnel on June 4, 2015, the following environmental concerns were identified associated with the Site.

- Historical use of the Site included retail gasoline sales, boat sales, vehicle repair, and a collision shop.
- Permits were identified relative to the installation of as many as four 1,500-gallon gasoline tanks and two 1,000-gallon gasoline underground storage tanks (USTs) at 1684 Niagara Street in 1941.
- Permits were identified relative to the installation of one 1,000-gallon UST in 1961 and one 1,000-gallon UST in 1963 at 1700 Niagara Street. It should be noted that the current northwest adjacent property is legally addressed as 1700 Niagara Street. However, based on review of historical records, 1700 Niagara Street appears to have been historically associated with the northwest portion of the Site.
- One in-ground hydraulic lift was located within a Site Building.
- Two suspect vent pipes were located within the central portion (two bays proximate the in-ground hydraulic lift) of a Site Building on the interior of the northeast exterior wall. The vent pipes protruded from the interior floor of the Site Building and extended through the roof. The nature of the vent pipes was not confirmed; however, there is the potential for such to have been associated with UST systems.
- Properties adjacent to the Site were historically utilized for various industrial and manufacturing operations.

3.0 OBJECTIVE

It is LaBella's understanding that the Site has been identified as a key project by Buffalo Niagara RIVERKEEPER and Buffalo Niagara River Land Trust (BNRLT). The Site was acquired by the BNRLT through its limited liability corporation, BNRLT 1660 Niagara, LLC in 2014 and is planned to be redeveloped as a publically accessible micro-park featuring a canoe/kayak launch. LaBella was retained by the Buffalo Niagara RIVERKEEPER, BNRLT, and the 1660 Niagara Technical Advisory Committee (collectively hereafter the "Client") to assess the environmental conditions at the Site due to the environmental concerns described in Section 2.4, and evaluate potential remedial options at the Site should such be warranted. To achieve the project objectives the following scope of work was performed.

4.0 GEOPHYSICAL SURVEY

As the potential existed for USTs to be located at the Site, LaBella retained NOVA Geophysical Services (NOVA) to perform a nonintrusive subsurface survey using a combination of ground penetrating radar (GPR) and magnetometer instruments across the accessible exterior portions of the Site. In addition, NOVA utilized utility locating equipment to screen the Site for buried utilities. A copy of the NOVA geophysical survey report is included within Appendix 2 of this report. Based on the results of the geophysical survey, six subsurface anomalies (Anomaly 1 through Anomaly 6) were identified at the Site as described in greater detail below.

Anomaly 1

Anomaly 1 was identified on the north-most portion of the Site. Such was reported by the geophysical survey to be likely associated with an UST. Although no information was obtained by LaBella suggesting the presence of petroleum bulk storage systems in this location, based on historical retail gasoline sales operations completed at the Site, the location of Anomaly 1 appeared appropriate for a UST or pump island.

Anomaly 2 & 3

Anomaly 2 & 3 were identified central to the Site immediately adjacent Niagara Street and immediately north of the suspect vent pipes identified during LaBella's June 4, 2015 site reconnaissance. According to the results of the geophysical survey, the anomalies appeared consistent with two distinct USTs.

Anomaly 4 & 5

Anomaly 4 & 5 were identified as being located central to the Site and immediately south of Anomaly 2 & 3. Anomaly 4 & 5 appeared to be associated with one in-ground hydraulic lift of which above ground components were visible at the Site. Anomalous readings were also identified immediately northeast adjacent to the in-ground hydraulic lift above-ground components. Although the geophysical survey report suggested the northeast adjacent anomalous readings were consistent with an UST, the size of the anomaly appeared inconsistent with that typically associated with an UST.

Anomaly 6

Anomaly 6 was identified on the south portion of the Site located west proximate Scajaquada Creek. Such was reported by the geophysical survey to be likely associated with an UST.

5.0 TEST PIT INVESTIGATION

Prior to advancement of subsurface investigatory locations, a Dig Safely New York stakeout was conducted to locate subsurface utilities in the proposed areas of investigation. In addition, utility locations as reported by geophysical survey results were utilized to supplement the utility locations marked by the Dig Safely New York stakeout.

As the Site is generally overlain with concrete slabs of an unknown and potentially significant thickness associated with historical Site improvements (i.e. structures, surface parking, docks, etc.), LaBella

mobilized to the Site on November 17, 2015 and saw cut the concrete slabs in pre-determined locations to expedite subsequent test pit advancement. On November 18, 2015, LaBella remobilized to the Site and advanced eight test pits (TP-1 through TP-8) with a track-mounted excavator to investigate the source of the subsurface anomalies (Anomaly 1 through Anomaly 6) identified by the geophysical survey and generally assess the subsurface conditions at the Site.

The test pits were generally advanced to a maximum depth of ten feet below the ground surface (ft. bgs) and were continuously monitored for visible impairment, olfactory indications of impairment, and total volatile organic compounds (VOCs) using a photoionization detector (PID). A qualified scientist from LaBella supervised and documented the test pit program, and prepared logs describing the overburden stratigraphy, field measurements, and visual and olfactory observations. Evidence of impairment gathered at the time of the fieldwork was used with observed hydrogeological conditions to assist in determining the location and depth for sample collection. The test pit locations were measured relative to fixed Site features.

Upon completion of test pit activities, the excavated materials were returned to the test pits from which they originated and the backhoe bucket was utilized to compact the backfilled material. No compaction testing was performed.

The approximate test pit locations are depicted on Figure 2 within the Figures and Photographs Appendix of this report. Test pit subsurface logs are included in Appendix 2. Below is a summary of the results of the test pit field investigation.

5.1 Anomaly Investigation

Test pits TP-1 through TP-4 were advanced to investigate the source of the subsurface anomalies (Anomaly 1 through Anomaly 6) identified by the geophysical survey. Below is a summary of the field investigation conducted proximate the geophysical anomalies.

Test Pit TP-1

Test Pit TP-1 was advanced proximate Anomaly 1 located on the north portion of the Site. Test Pit TP-1 was advanced to approximately six ft. bgs and encountered a layer of fill material consisting of asphalt, slag, brick, intermingled with native clay from between approximately 0.5 and four ft. bgs, overlaying apparent native clay. No evidence of petroleum bulk storage systems or ancillary piping (i.e. USTs, fill ports, vent pipes, dispenser systems) was encountered within TP-1. Furthermore, no visual, olfactory, or PID evidence of impact was encountered within soil samples screened from TP-1. Although the source of Anomaly 1 cannot be confirmed, in LaBella's experience, urban fill materials such as slag can produce positive responses when surveyed with geophysical instruments.

Test Pit TP-2

Test Pit TP-2 was advanced proximate Anomaly 2 & 3 located central to the Site immediately adjacent Niagara Street and immediately north of the suspect vent pipes identified during LaBella's June 4, 2015 site reconnaissance. The tops of two USTs (Tank A and Tank B) were encountered within TP-2 at between approximately three and four ft. bgs. Refer to Section 5.3 for additional information regarding the USTs. Test Pit 2 was advanced to approximately six ft. bgs and encountered sand and gravel backfill

to approximately four ft. bgs overlaying apparent native clay. No evidence of subsurface impact was encountered within test pit TP-2 above four ft. bgs; however, soil exhibiting petroleum-type staining, petroleum-type odors, elevated PID readings [135.6 parts per million (ppm)] were encountered from between four ft. bgs and the bottom of the test pit. It should be noted that test pit TP-2 was extended horizontally approximately 10 feet south beyond Tank B and no other UST systems were encountered. The locations of Tank A and Tank B are depicted on Figure 2 within the appendix of this report.

Test Pit TP-3

Test pit TP-3 was advanced proximate Anomaly 4 & 5 located central to the Site and immediately south of Anomaly 2 & 3 to approximately 10 ft. bgs. Generally, various fill including gravel, brick, and slag intermixed with native clay was encountered to the bottom of the test pit. The test pit excavation began proximate the visible in-ground hydraulic lift components and lift cylinder; however, once the excavation was expanded to investigate both Anomaly 4 and Anomaly 5, a second in-ground hydraulic lift cylinder as well as a vertical grease cylinder (grease cylinder) of unknown nature were encountered. Generally, the subsurface soil proximate the in-ground hydraulic lifts and the grease cylinder were dark in color and exhibited odors consistent with grease and hydraulic fluid. A maximum PID reading of 110 ppm was detected at approximately 8-10 ft. bgs. Although the nature of the grease cylinder could not be confirmed, such appeared to be of steel construction and approximately 20-inches in diameter. Removal of the initial several inches of subsurface soil and fill from the grease cylinder revealed a black axle grease type material. Refer to Section 5.4 for additional information associated with the grease cylinder. The locations of the in-ground hydraulic lifts and the grease cylinder are depicted on Figure 2 within the appendix of this report.

Test Pit TP-4

Test Pit TP-4 was advanced proximate Anomaly 6 identified on the south portion of the Site located west proximate Scajaquada Creek to approximately 4.5 ft. bgs. Generally, various fill materials including slag and brick intermixed with native clay were encountered to the bottom of the test pit. Two 3-inch metal pipes filled with concrete were encountered within the test pit running in an east-west direction. In addition, one ½-inch copper pipe was also observed running north-south with the east portion of the test pit. Although the nature of the pipes could not be confirmed, the pipes appeared abandoned and utility related. No evidence of USTs was encountered within TP-4. Furthermore, no visual, olfactory, or PID evidence of impact was identified within soil samples screened from TP-4. Although the source of Anomaly 6 cannot be confirmed, in LaBella's experience, urban fill materials such as slag and abandoned utilities can produce positive responses when surveyed with geophysical instruments.

5.2 General Test Pit Investigation

Test pits TP-5 through TP-8 were advanced to generally assess the subsurface conditions at the Site to a maximum depth of approximately four feet below the ground surface. Generally, various fill materials including slag and brick intermixed with native clay were encountered to the bottom of the test pits. Although the subsurface materials were typically dark in color, no field visual, olfactory, or PID evidence of impact was encountered within test pits TP-5 through TP-8.

5.3 *Underground Storage Tanks*

It should be noted that the extent of test pit TP-2 was limited to the west by a concrete slab approximately one foot or more in thickness, to the east by Niagara Street, and to the south by additional concrete slabs. The limitations above limited excavation activities to the immediate area of Anomaly 2 and Anomaly 3, or Tank A and Tank B, respectively.

Tank A and Tank B are oriented east to west and are parallel to each other. Tank A and Tank B extend west beneath thick concrete slab and are approximately 48-inches and 64-inches in diameter respectively. Although the length of the USTs could not be confirmed, based on the diameter of the USTs, LaBella suspects that Tank A and Tank B are 1,000-gallons and 2,000-gallons in volume respectively. In addition, three 1-inch steel pipes were located within the west sidewall of test pit TP-2 and traveled north to south at an elevation immediately above Tank A and Tank B. The three 1-inch steel pipes do appear consistent with pipes typically associated petroleum bulk storage systems; however, their nature could not be confirmed. Test pit TP-1 was advanced horizontally approximately 10 feet south of Tank B and no other UST systems were encountered. Both Tank A and Tank B appeared to contain a gasoline-water mixture. The locations of Tank A and Tank B are depicted on Figure 2 within the appendix of this report.

5.3.1 *Underground Storage Tank Content Analysis*

At the request of the NYSDEC, the contents of Tank A and Tank B were collected on November 18, 2015 and submitted for laboratory analysis and sent under Chain of Custody procedures to Test America for hydrocarbon identification analysis using New York State Department of Health (NYSDOH) Method 310.13. Based on the results of the laboratory analysis, the contents of the USTs were confirmed to contain gasoline. No other petroleum products were detected within the UST content samples submitted. A copy of the laboratory report is included within Appendix 3 of this report.

5.3.2 *Underground Storage Tank Content Disposal*

On November 20, 2015, LaBella coordinated the removal of and proper disposal of approximately 857-gallons of a gasoline-water mixture from the USTs. A copy of the waste manifest is included in Appendix 2 of this report. The top of the USTs were covered with plastic and Test Pit TP-2 was backfilled.

5.4 *Vertical Grease Cylinder Sampling*

As the Site is intended for redevelopment and the contents of the grease cylinder will likely require removal and proper disposal, LaBella collected one sample of the black axle grease type material from the grease cylinder for waste characterization laboratory analysis on November 18, 2015. The waste characterization sample was submitted under Chain of Custody procedures to Chemtech for Total Petroleum Hydrocarbons (TPH), Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCPL semi-volatile organic compounds, polychlorinated biphenyl's (PCBs), TCLP Resource Conservation and Recovery Act (RCRA) metals, flashpoint, and pH. Based on the results of the laboratory analysis, lead was detected at a concentration of concentration of 32,600 micrograms per liter (µg/l), which classifies the black axle grease type material as a hazardous waste. A copy of the laboratory report is included within Appendix 3 of this report.

6.0 DIRECT-PUSH SOIL BORINGS & GROUNDWATER WELL INSTALLATION

To further characterize the subsurface of the Site and supplement the information obtained during LaBella's test pit investigation, LaBella completed a direct-push soil boring & groundwater sampling program at the Site as summarized below.

6.1 Soil Borings

LaBella mobilized to the Site on December 8, 2015 and advanced nine soil borings at the Site designated SB1 through SB5, SB5A, and SB6 through SB8. The soil borings were advanced to terminal depths of between approximately 10 and 24 ft. bgs. The soil borings were continuously monitored for visible impairment, olfactory indications of impairment, and total VOCs using a PID. A qualified scientist from LaBella supervised and documented the soil borings, and prepared logs describing the overburden stratigraphy, field measurements, and visual and olfactory observations. Evidence of impairment gathered at the time of the fieldwork was used with observed hydrogeological conditions to assist in determining the location and depth for sample collection. The soil boring locations were measured relative to fixed Site features. The approximate soil boring locations are depicted on Figure 2 within the Figures and Photographs Appendix of this report. Soil boring subsurface logs are included in Appendix 2.

The table below summarizes PID readings obtained at various depth intervals from the soil borings.

Soil Boring Summary and Soil PID Readings

Soil Boring ID	Sample Interval (ft. bgs))											
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
SB1	0.0	0.0	0.0	0.0	0.0 ²	0.0	0.0	0.0	--	--	--	--
SB2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	--	--	--	--
SB3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--	--
SB4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--	--
SB5	0.0	0.0	0.0	0.0	725 ^{1,2}	--	--	--	--	--	--	--
SB5A	0.0	0.0	0.0	0.0	607 ^{1,2}	--	--	--	--	--	--	--
SB6	0.0	0.0	140 ^{1,2}	216 ^{1,2}	104 ^{1,2}	93 ^{1,2}	61 ¹	3	--	--	--	--
SB7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--	--	--
SB8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

1. All PID readings were collected utilizing a Minirae 3000 photoionization detector and are expressed in ppm.
2. The PID screening is performed as a method of determining general presence or absence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil, and are not considered to be a direct quantization of actual soil VOC concentration.
3. "--" denotes boring not completed to above-listed depth or insufficient recovery occurred at specified depth.
4. ¹ = Gasoline-type odors detected
5. ² = Dark soil or suspected staining

Black staining was observed in four of the nine soil borings (SB1 @ 8-10 ft. bgs, SB5 @ 8-10 ft. bgs, SB5A @ 8-10 ft. bgs, and SB6 @ 4-12 ft. bgs). Gasoline-type odors were observed in three of the nine soil borings (SB5 @ 8-10 ft. bgs, SB5A @ 8-10 ft. bgs and SB6 @ 4-14 ft. bgs).

A majority of the Site is overlain with between three and 14 inches of asphalt and/or concrete. Generally, the subsurface materials encountered within the soil borings consisted of fill material (asphalt, brick, slag) from between approximately 3 inches and 12 ft. bgs. Soils at the Site were identified at various depths intermingled with the fill material; however, native soils consisting of glacial till comprised of sands, silts and clays were generally located beyond approximately four ft. bgs. Equipment refusal was encountered within soil borings SB5 and SB5A at approximately 10 ft. bgs. It should be noted that soil borings SB5 and SB5A were advanced immediately west adjacent to Tank A and Tank B.

Upon completion of soil boring activities, the excavated materials were returned to the soil borings from which they originated.

6.2 Groundwater Well Installation

Three 1-inch temporary overburden groundwater monitoring wells (TPMW1 through TPMW3) were installed at the Site within soil boreholes SB1, SB4 and SB8, respectively, on December 8, 2015. The wells were completed to total depths of 15.5 ft. bgs, 15.3 ft. bgs, and 22.1 ft. bgs, respectively. Each well was completed with five feet of 0.010-slot well screen connected to an appropriate length of solid polyvinyl chloride (PVC) well riser to complete the well. The annulus was filled with quartz sand along the five-foot length of the slot well screen. The remaining annulus was bentonite-sealed to the ground surface. Groundwater depths were measured at 6.8, 7, and 8.1 ft. bgs, respectively. The temporary groundwater monitoring well locations are depicted on Figure 2.

7.0 SOIL & GROUNDWATER LABORATORY ANALYSIS

7.1 Soil Laboratory Analysis

Select soil samples collected as part of the test pit investigation and soil boring program were placed in laboratory supplied containers and sent under Chain of Custody procedures to a Chemtech, a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory with a 10 business day turnaround time. The following laboratory analysis was conducted.

Sampling Location	TCL VOCs	CP-51 VOCs	CP-51 SVOCs	PCBs	RCRA Metals
TP1 (2-4 ft. bgs)					X
TP2 (4-6 ft. bgs)	X	X	X	X	X
TP3 (7-9 ft. bgs)	X	X	X	X	X
TP4 (2-4 ft. bgs)	X	X	X	X	X
TP5 (2-4 ft. bgs)					X
TP6 (1-3 ft. bgs)					X
TP7 (2-4 ft. bgs)					X
TP8 (2-4 ft. bgs)					X
SB1 (9-10 ft. bgs)	X	X	X	X	X

SB2 (2-4 ft. bgs)	X	X	X	X	X
SB3 (2-4 ft. bgs)	X	X	X	X	X
SB4 (12-14 ft. bgs)	X	X	X	X	X
SB5A (9-10 ft. bgs)	X	X	X	X	X
SB6 (4-8 ft. bgs)	X	X	X	X	X
SB7 (2-4 ft. bgs)	X	X	X	X	X
SB8 (18-20 ft. bgs)	X	X	X	X	X

CP-51 VOCs = NYSDEC Commissioners Policy 51 (CP-51) VOCs via United States Department of Environmental Protection (USEPA) test method 8260

TCL VOCs = target compound list (TCL) VOCs via USEPA test method 8260

CP-51 SVOCs = NYSDEC CP-51 SVOCs via USEPA test method 8270

PCBs = PCBs via USEPA test method 8082

RCRA Metals = RCRA metals using USEPA Method 6010/7470

A copy of the laboratory report is included in Appendix 3 of this report. The laboratory results are summarized in Section 7.3.

7.2 Groundwater Laboratory Analysis

Groundwater samples were collected from temporary groundwater monitoring wells TPMW1 through TPMW3 on December 11, 2015. The groundwater depths within the temporary groundwater monitoring wells were measured and the groundwater volume was calculated prior to low-flow purging of between three and five well volumes via a Geotech Geopump II AC/DC Peristaltic Pump. It should be noted that during the second purge event for TPMW1, the well went dry. As a result, such was allowed to recharge enough for sampling purposes; however, a limited sample volume was available for collection and analysis of CP-51 SVOCs. In addition to the limited sample volume available in TPMW1, turbidity within the well was deemed excessive (above 50 Nephelometric turbidity units). As a result, 500 milliliters were collected in a non-preserved, one-liter amber bottle for filtered, dissolved metals analysis. No evidence of impairment was observed during sampling of the wells. The groundwater laboratory analysis completed is summarized below.

Sampling Location	TCL VOCs	CP-51 VOCs	CP-51 SVOCs	PCBs	RCRA Metals
TPMW1	X	X	X		X
TPMW2	X	X	X		X
TPMW3	X	X	X		X

CP-51 VOCs = CP-51 VOCs via USEPA test method 8260

TCL VOCs = TCL VOCs via USEPA test method 8260

CP-51 SVOCs = NYSDEC CP-51 SVOCs via USEPA test method 8270

PCBs = PCBs via USEPA test method 8082

RCRA Metals = RCRA metals using USEPA Method 6010/7470

A copy of the laboratory report is included in Appendix 3 of this report. The laboratory results are summarized in Section 7.3.

7.3 Quality Control

LaBella submitted one trip blank sample for laboratory analysis for VOCs via USEPA test method 8260.

8.0 LABORATORY RESULTS

8.1.1 Test Pit Soil Laboratory Results

Based on the test pit sample laboratory results, the following was identified.

- Several VOCs were identified within soil samples collected from TP2, TP3 and TP4 above the laboratory method detection limits (MDLs); however, only acetone was detected above Part 375 Unrestricted Soil Cleanup Objectives (SCO's). It should be noted that acetone is a common laboratory contaminant.
- One SVOC (dimethylphthalate) was detected in soil samples collected from TP2, TP3 and TP4, at concentrations of 790 micrograms per kilogram ($\mu\text{g/kg}$), 810 $\mu\text{g/kg}$, and 1,300 $\mu\text{g/kg}$ respectively. Part 375 SCO's and CP-51 Soil Cleanup Levels (SCL's) do not include published standards for dimethylphthalate.
- No PCBs were detected at concentrations above the laboratory MDL's in any of the test pit soil samples submitted for laboratory analysis.
- The following metals were detected above Part 375 SCO's in the test pit soil samples collected.
 - Arsenic was detected at concentrations exceeding the Part 375 Unrestricted and Commercial SCO in TP4 [174 milligrams per kilogram (mg/kg)] and TP7 (16.5 mg/kg).
 - Barium was detected in the soil sample collected from TP8 at a concentration (375 mg/kg) exceeding the Part 375 Unrestricted SCO. Barium was not detected at concentrations exceeding the Part 375 Commercial SCO in any of the test pit soil samples submitted for laboratory analysis.
 - Total chromium was detected in the soil samples collected from all eight test pits at concentrations (between 6.04 and 25.7 mg/kg) exceeding the Part 375 Unrestricted SCO. Total chromium was not detected at concentrations exceeding the Part 375 Commercial SCO in any of the test pit soil samples submitted for laboratory analysis.
 - Lead was detected in soil samples collected all of the test pits with the exception of test pit TP2 at concentrations (between 123 and 1,070 mg/kg) exceeding Part 375 Unrestricted SCO's. However, only TP4 exhibited a concentration of lead exceeding the Part 375 Commercial SCO.
 - Mercury was detected in all eight test pits at concentrations (between 0.3 and 4.9 mg/kg) exceeding the Part 375 Unrestricted SCO. However, only TP4 exhibited a concentration of mercury exceeding the Part 375 Commercial SCO.
 - Silver was detected in soil samples collected from test pits TP3, TP4, TP6, TP7 and TP8 at concentrations (between 2.16 and 6.9 mg/kg) exceeding the Part 375 Unrestricted SCO. Silver was not detected at concentrations exceeding the Part 375 Commercial SCO in any of the test pit soil samples submitted for laboratory analysis.

Laboratory results for the test pit samples are summarized in Table 1.

8.1.2 Soil Borings

Based on the soil boring sample laboratory results, the following was identified.

- Acetone was detected in soil samples collected from soil borings SB1, SB4, and SB7 at concentrations exceeding the Part 375 Unrestricted SCO. Acetone was not detected in any of the soil boring soil samples at concentrations exceeding the Part 375 Commercial SCO. It should be noted that acetone is a common laboratory contaminant.
- Several petroleum related constituents (benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, n-butylbenzene, xylenes, toluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene) were detected in soil samples collected from soil borings SB5A and SB6 at concentrations exceeding CP-51 SCL's and Part 375 Unrestricted SCO's. No petroleum related constituents were detected at concentrations exceeding Part 375 Commercial SCO's in soil samples collected from soil borings SB5A and SB6.
- Several SVOCs were detected in the soil boring soil samples completed at concentrations above the laboratory MDLs; however, no SVOCs were detected above applicable SCO's and SCL's.
- No PCBs were identified within any of the soil boring samples submitted for laboratory analysis.
- The following metals were detected above Part 375 SCO's in the soil boring soil samples collected.
 - Arsenic was detected in soil samples collected from soil borings SB2, SB5A, and SB7 at concentrations (between 17 and 27.3 mg/kg) exceeding the Part 375 Unrestricted and Commercial SCO's.
 - Cadmium was detected in soil samples collected from soil borings SB2 and SB7 at concentrations (between 11 and 28 mg/kg) exceeding the Part 375 Unrestricted and Commercial SCO's.
 - Total chromium was detected in soil samples collected in all eight soil samples collected for laboratory analysis at concentrations (between 7.81 and 440 mg/kg) exceeding the Part 375 Unrestricted SCO; however, only soil collected from soil boring SB5A exhibited a concentration of total chromium exceeding the Part 375 Commercial SCO. None of the soil boring samples exhibited concentrations of total chromium exceeding the Part 375 Commercial SCO.
 - Lead was detected in soil samples collected from soil borings SB1, SB2, SB4, and SB7 at concentrations (between 127 and 423 mg/kg) exceeding the Part 375 Unrestricted SCO. None of the soil boring samples exhibited concentrations of lead exceeding the Part 375 Commercial SCO.
 - Mercury was detected in soil samples collected from soil borings SB1, SB2, and SB4 at concentrations (between 0.25 and 0.65 mg/kg) exceeding the Part 375 Unrestricted SCO. None of the soil boring samples exhibited concentrations of mercury exceeding the Part 375 Commercial SCO.

- Silver was detected at concentrations (between 2.02 and 20.6 mg/kg) exceeding the Part 375 Unrestricted SCO in all of the soil boring samples collected with the exception of soil boring SB8. None of the soil boring samples exhibited concentrations of silver exceeding the Part 375 Commercial SCO.

Laboratory results for the soil boring samples are summarized in Table 2.

8.1.3 Temporary Groundwater Monitoring Wells

Based on the groundwater sample laboratory results, the following was identified.

- Acetone and selenium were detected at concentrations exceeding NYSDEC Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values in the groundwater sample collected from TPMW1. It should be noted that acetone is a common laboratory contaminant.
- Cis-1,2-dichloroethene and selenium were detected at concentrations exceeding TOGS in the groundwater sample collected from TPMW2.
- Benzene, cis-1,2-dichloroethene, vinyl chloride, and mercury were detected at concentrations exceeding TOGS Ambient Water Quality Standards and Guidance Values in the groundwater sample collected from TPMW3.

Laboratory results for the groundwater samples are summarized in Table 3.

8.1.4 Quality Control

No VOC detections were identified in the trip blank analysis.

9.0 CONCLUSIONS

Based on the results of this assessment, LaBella concludes the following.

- No further assessment of the anomalies identified by the geophysical survey appears warranted.
- One suspect 1,000-gallon gasoline UST (Tank A) and one suspect 2,000-gallon gasoline UST (Tank B) were encountered within test pit TP-2. Subsurface soil collected from TP-2 and soil borings SB5, SB5A, and SB6 located immediately adjacent Tank A and Tank B, exhibited visual, olfactory, and PID evidence of gasoline impact to a maximum depth of approximately 14 ft. bgs. Although the soil sample collected from TP-2 did not identify elevated concentrations of petroleum related constituents, several gasoline related analytes were detected in soil samples collected from soil borings SB5A and SB6 located immediately west and south of the USTs at concentrations exceeding CP-51 SCL's. No field or laboratory evidence of gasoline impact was identified within subsurface investigation points SB7 or SB8/TPMW3 located south of soil boring SB-6 and north of the USTs, respectively. Although the extent of the subsurface gasoline impact cannot be confirmed, such appears to be located proximate and immediately west of Tank A and Tank B. As the contents of Tank A and Tank B were removed within the scope of this assessment, the likelihood of future subsurface releases from the USTs has been reduced.

- Three 1-inch steel pipes were encountered within the west sidewall of test pit TP-2 and traveled north to south at an elevation immediately above Tank A and Tank B. The three 1-inch steel pipes appear consistent with such typically associated petroleum bulk storage systems (i.e. pump dispensers, vent pipes, etc.); however, their nature could not be confirmed due to on-site limitations (i.e. concrete slabs).
- Two in-ground hydraulic lifts and one grease cylinder were identified within test pit TP-3. Subsurface soil samples collected from TP-3 were dark in color, exhibited a maximum PID reading of 110 ppm, and identified concentrations of chromium, lead, mercury, and silver exceeding Part 375 Unrestricted SCO's. In addition, laboratory analysis of the black axle grease type material collected from the grease cylinder detected concentrations of lead which characterized the material as hazardous waste. Although no petroleum related analytes were detected within the soil sample collected from TP-3 at concentrations above commonly applied regulatory criteria, there is the potential for additional localized subsurface impact to be present proximate the in-ground hydraulic lifts and grease cylinder.
- Fill material consisting of gravel, slag, and brick, intermingled with native clay appears to generally overlay the Site. Although the fill material was encountered to a maximum of approximately 10 ft. bgs, it appears that the fill material generally extends to 4-6 ft. bgs. Laboratory analysis of the fill material generally identified elevated concentrations of several metals; however, arsenic, cadmium, chromium, lead, and mercury were all detected in at least one subsurface sampling location at concentrations exceeding Part 375 Commercial SCO's.
- Selenium was detected in groundwater samples collected from groundwater monitoring wells TPMW1 and TPMW2 at concentrations exceeding TOGS Ambient Water Quality Standards and Guidance Values. Selenium was not detected in any of the soil samples collected and submitted for laboratory analysis as part of this assessment. Although the source of the selenium detections cannot be confirmed, such may be the result of low well recovery volume or elevated sample turbidity.
- Mercury was detected in the groundwater sample collected from groundwater monitoring well TPMW3 at a concentration exceeding TOGS Ambient Water Quality Standards and Guidance Values. Although the mercury detection may be the result of low well recovery volume or elevated sample turbidity, such may also be the result of elevated mercury concentrations identified within subsurface soil/fill at the Site.
- Acetone was detected in the groundwater sample collected from groundwater monitoring well TPMW1 at a concentration above TOGS Ambient Water Quality Standards and Guidance Values. Based on the concentration detected (150 µg/l), such may be the result of laboratory contamination.
- Cis-1,2-dichloroethene was detected in the groundwater sample collected from groundwater monitoring well TPMW2 at a concentration (6.1 µg/l) exceeding TOGS Ambient Water Quality Standards and Guidance Values. In addition, benzene (4.7 µg/l), cis-1,2-dichloroethene (190 µg/l), and vinyl chloride (33.5 µg/l) were detected in the groundwater sample collected from TPMW3 at concentrations exceeding TOGS Ambient Water Quality Standards and Guidance Values. While the benzene detection may be attributed to subsurface gasoline impact, the source of the cis-1,2-dichloroethene and vinyl chloride detections cannot be confirmed.

10.0 RECOMMENDATIONS

It is LaBella's understanding that the Site is planned to be redeveloped as a publically accessible micro-park featuring a canoe/kayak launch. LaBella was retained by the Client to assess the environmental conditions at the Site due to the environmental concerns described in Section 2.4, and evaluate potential remedial options at the Site should such be warranted.

Based on the results of this assessment, it is LaBella's understanding that the Client is considering application of the Site into the NYSDEC Brownfield Cleanup Program (BCP). Such an effort would include submitting a NYSDEC BCP Enrollment Application accompanied by a Remedial Investigation Work Plan (RIWP). The RIWP would be prepared in accordance with NYSDEC's Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation. This document would present an initial evaluation of the existing data and background information associated with the Site as well as describe the scope of the planned investigation and the methods to be utilized to further characterize the nature and extent of contamination at the Site associated with the following.

- Tank A and Tank B and associated subsurface petroleum impact.
- In-ground hydraulic lifts, the grease cylinder, and potential adjacent subsurface impact.
- Metals impacted fill material overlaying the Site.
- Groundwater impact.

In addition, as field evidence of petroleum impact was encountered within the scope of this assessment and NYSDEC spill # 1508546 was assigned to the Site, a copy of this report should be provided to the NYSDEC for review and comment.

11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We appreciate the opportunity to serve your professional environmental engineering needs. If you have any questions please do not hesitate to contact me at (716) 840-2548.

Report Prepared By:

Report Reviewed By:

Chris Kibler
Environmental Analyst
Environmental Professional

Adam Zebrowski
Project Manager
Environmental Professional

I:\BUFFALO NIAGARA RIVERKEEPER\2151177 - 1660 NIAGARA ST PHASE II ESA\REPORTS\2151177.PHASE II REPORT
DRAFT.WITH CLIENT EDITS.2.19.2016.DOCX

FIGURES

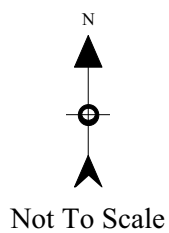
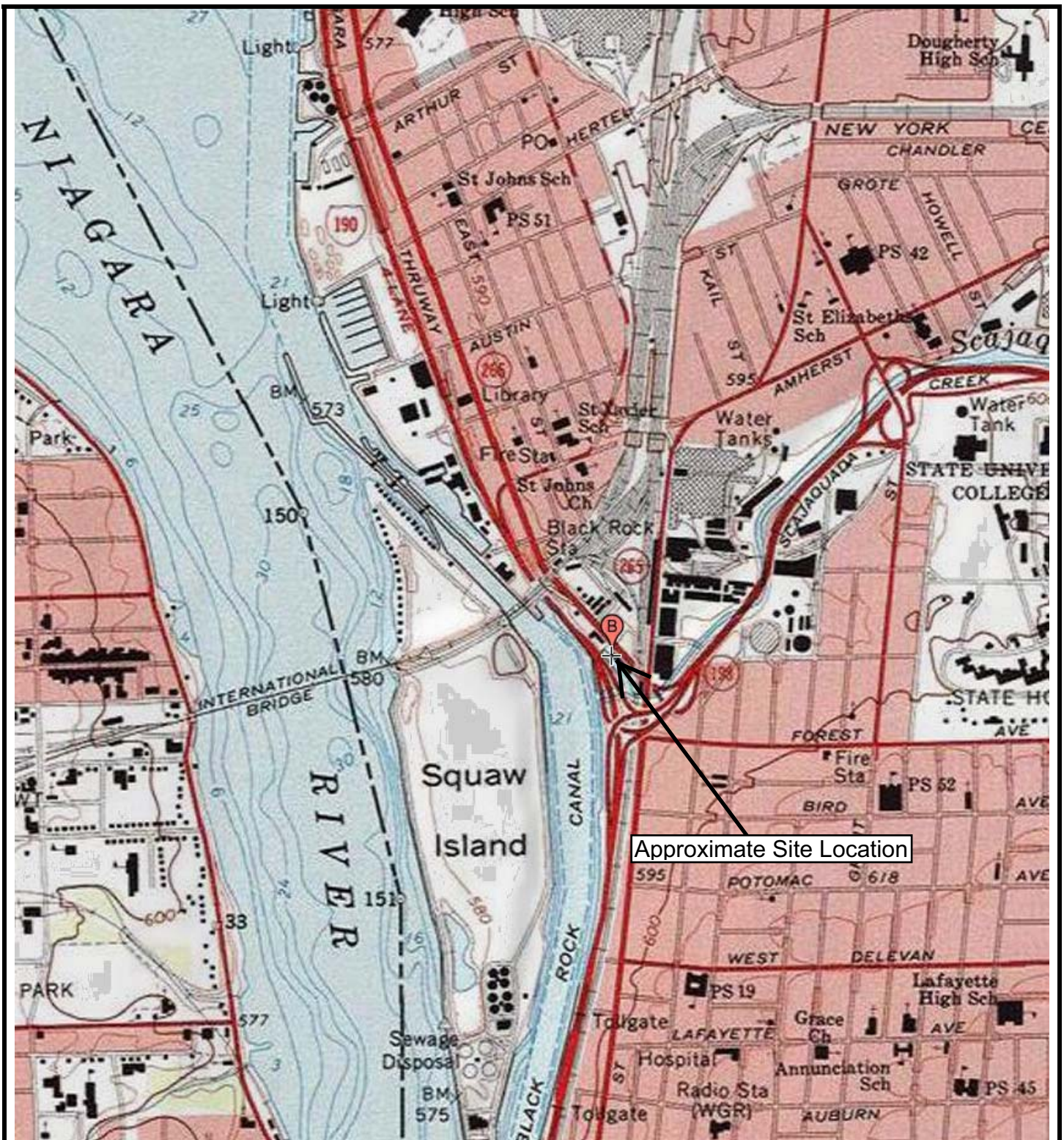


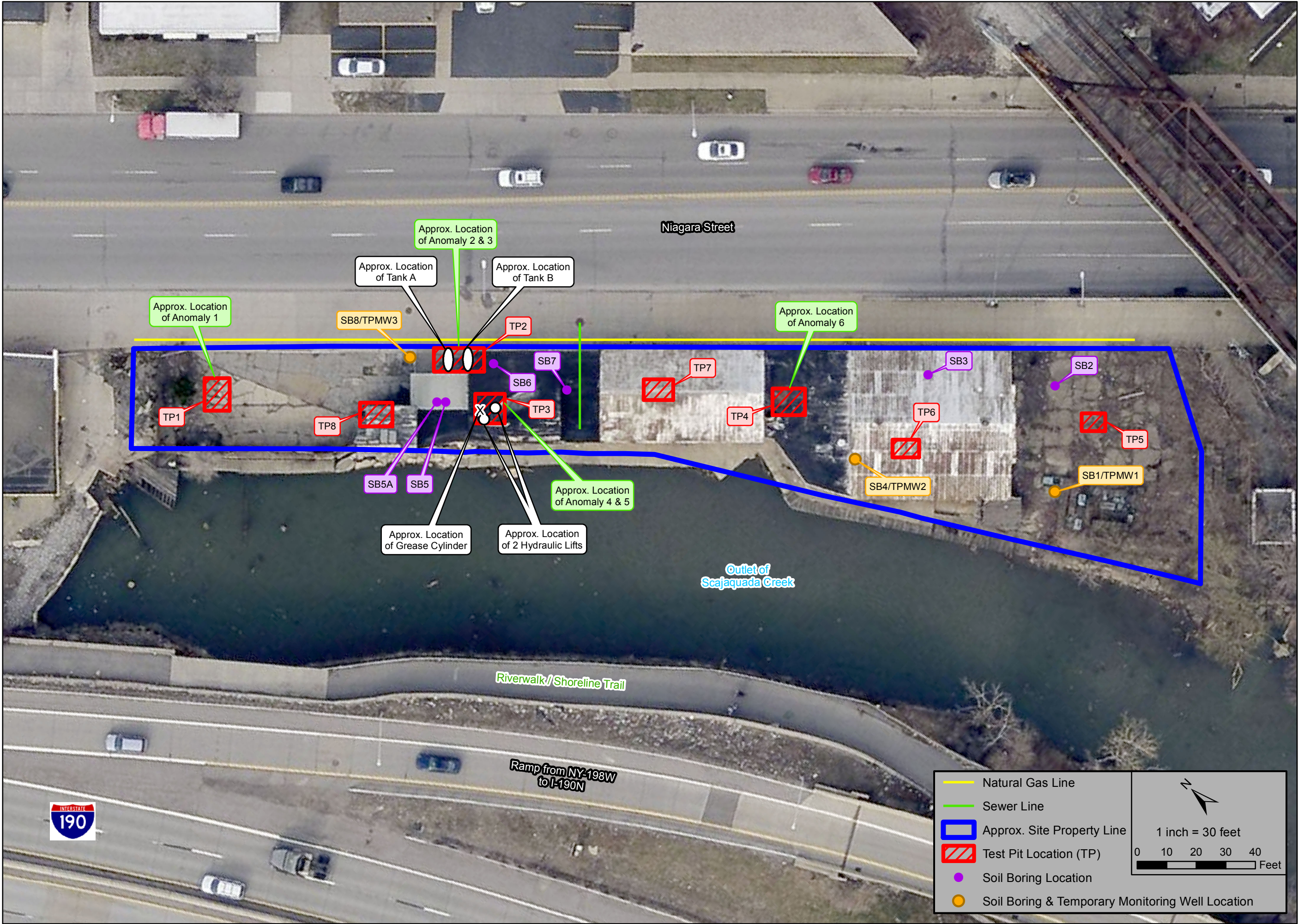
FIGURE 1 SITE LOCATION MAP

Buffalo Niagara Riverkeeper
1660 Niagara Street
Buffalo, New York

ABELLA

PROJECT NO. 2151177

Path: I:\Buffalo Niagara Riverkeeper\2151177 - 1660 Niagara St Phase II ESA\Reports\Figures\MAP.2016.1.4.Fig2_TestPitAndWells.mxd



Natural Gas Line

Sewer Line

Approx. Site Property Line

Test Pit Location (TP)

Soil Boring Location

Soil Boring & Temporary Monitoring Well Location

1 inch = 30 feet

0

10

20

30

40

Feet

300 PEARL STREET
BUFFALO, NY 14202
P: (716) 551-6281
F: (716) 551-6282
www.labellapc.com
COPYRIGHT 2003

ABELLA
Associates, D.P.C.

PROJECT/CLIENT
**BUFFALO NIAGARA
RIVERKEEPER**
**1660 NIAGARA STREET
BUFFALO, NEW YORK**

SITE INVESTIGATION MAP			
ISSUED FOR REVIEW	DESIGNED BY RCN	DRAWN BY KMIN	
	DATE JANUARY 2016	REVIEWED BY CK	

PROJECT/DRAWING NUMBER

2151177

FIGURE 2

TABLES

Table 1
Buffalo Niagara Riverkeeper, 1660 Niagara Street, Buffalo, New York
Phase II Environmental Site Assessment
Summary of Test Pit Analytical Results
Project #2151177
(Detected Compounds Only)

Sample ID	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	CP-51 Soil Cleanup Levels	Unrestricted Use Soil Cleanup Objectives	Commercial Use Soil Cleanup Objectives
Depth	2-4 ft. bgs	4-6 ft. bgs	7-9 ft. bgs	2-4 ft. bgs	2-4 ft. bgs	1-3 ft. bgs	2-4 ft. bgs	2-4 ft. bgs			
Sample Date	11/18/2015	11/18/2015	11/18/2015	11/18/2015	11/18/2015	11/18/2015	11/18/2015	11/18/2015			
Volatile Organic Compounds (ug/kg)											
2-Butanone	NA	<	9.2 J	<	NA	NA	NA	NA	NL	NL	NL
Acetone	NA	<	62.2	8.3 J	NA	NA	NA	NA	NL	50	500,000
Chloroform	NA	<	<	1.8 J	NA	NA	NA	NA	NL	370	350,000
Cyclohexane	NA	<	16.8	<	NA	NA	NA	NA	NL	NL	NL
Isopropylbenzene	NA	<	4.4 J	<	NA	NA	NA	NA	2,300	NL	NL
Methylene Chloride	NA	50	14.8 B	4.3 JB	NA	NA	NA	NA	NL	50	500,000
Methylcyclohexane	NA	<	63.9	<	NA	NA	NA	NA	NL	NL	NL
m/p Xylene	NA	<	11.6 J	4.1 J	NA	NA	NA	NA	*260	*260	*500,000
o-Xylene	NA	<	6.7	4.5 J	NA	NA	NA	NA	*260	*260	*500,000
n-propylbenzene	NA	<	5.7 J	<	NA	NA	NA	NA	3,900	3,900	500,000
tert-Butylbenzene	NA	<	4.8 J	<	NA	NA	NA	NA	5,900	5,900	500,000
sec-Butylbenzene	NA	<	8.7	<	NA	NA	NA	NA	11,000	11,000	500,000
Toluene	NA	<	3.5 J	2.7 J	NA	NA	NA	NA	700	700	500,000
Tetrachloroethene	NA	<	<	2.7 J	NA	NA	NA	NA	NL	1,300	150,000
Trichloroethene	NA	<	<	4.1 J	NA	NA	NA	NA	NL	470	200,000
1,2,4-Trimethylbenzene	NA	<	18.5	4.9 J	NA	NA	NA	NA	3,600	3,600	190,000
1,3,5-Trimethylbenzene	NA	<	5.4 J	2.8 J	NA	NA	NA	NA	8,400	8,400	190,000
Semi-Volatile Organic Compounds (ug/kg)											
Dimethylphthalate	NA	790	810	1,300	NA	NA	NA	NA	NL	NL	NL
RCRA Metals (mg/kg)											
Arsenic	8.65	5	8.5	174	4.1	10.2	16.5	7	NA	13	16
Barium	98.3	59.2	95.8	261	41.7	65.6	56.2	375	NA	350	400
Cadmium	0.58	0.3 J	0.9	1.7	0.23 J	0.64	0.52	1.31	NA	2.5	9.3
Chromium	14.7	11.3	15.5	25.7	6.04	11.5	10.7	21.3	NA	**1/30	**400/1,500
Lead	208	56.1	123	1,070	134	224	139	549	NA	63	1,000
Mercury	0.41	0.3	2.5	4.9	0.6	0.37	0.23	0.42	NA	0.18	2.8
Silver	1.67	1.7	3	6.9	0.8	2.53	2.21	2.16	NA	2	1,500

NYSDEC Part 375 Industrial and Commercial Soil Cleanup Objectives (December 2006)

NYSDEC Commissioner Policy (CP)-51 Soil Cleanup Guidance (October 2010)

NYSDEC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern USA Background Concentrations for Soil

NL = Not listed

NA = Not applicable

ft. bgs = feet below the ground surface

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

< = Indicates the analyte was analyzed for, but not detected.

* Indicates a mixed Xylene Soil Cleanup Level

** Hexavalent/trivalent chromium results

J = Indicates an estimated value.

B = Indicates the analyte was found in the trip blank as well as the sample

No detectable compounds were identified during PCB analysis

Bold = Analyte detected above Part 375 Unrestricted Use SCOs

Yellow = Analyte detected above Part 375 Commercial SCOs

Underlined = Analyte detected above CP-51

Table 2
Buffalo Niagara Riverkeeper, 1660 Niagara Street, Buffalo, New York
Phase II Environmental Site Assessment
Summary of Soil Boring Analytical Results
(Detected Compounds Only)

Sample ID	SB1	SB2	SB3	SB4	*SB5A	*SB6	SB7	SB8	CP-51 Soil Cleanup Levels	Unrestricted Use Soil Cleanup Objectives	Commercial Use Soil Cleanup Objectives
Depth	9-10 ft. bgs	2-4 ft. bgs	2-4 ft. bgs	12-14 ft. bgs	9-10 ft. bgs	4-8 ft. bgs	2-4 ft. bgs	18-20 ft. bgs			
Sample Date	12/8/2015	12/9/2015	12/10/2015	12/11/2015	12/12/2015	12/13/2015	12/14/2015	12/15/2015			
Volatile Organic Compounds (ug/kg)											
Acetone	140	38.8	10.2 J	260	<	<	72.1	12.3 J	NL	50	500,000
Benzene	<	<	<	<	19,100	1,200	<	<	60	60	44,000
Carbon Disulfide	1.9 J	2.6 J	<	1.6 J	<	2.2 J	<	<	NL	NL	NL
cis-1,2-Dichloroethene	<	<	<	<	<	<	<	10.4	NL	250	500,000
Cyclohexane	<	<	<	<	<	920	<	<	NL	NL	NL
Ethylbenzene	<	<	<	<	36,100	780	<	<	1,000	1,000	390,000
Isopropylbenzene	<	<	<	<	9,600	730	<	<	2,300	NL	NL
Methylene Chloride	<	<	<	<	<	<	2.1 JQ	<	NL	50	500,000
Methylenecyclohexane	<	<	1.9 J	<	26,400	7,000	<	<	NL	NL	NL
Naphthalene	<	<	<	<	34,000	850	1.4 J	<	12,000	NL	NL
n-propylbenzene	<	<	<	<	44,100	2,700	<	<	3,900	3,900	500,000
n-Butylbenzene	<	<	<	<	13,600	840	<	<	12,000	12,000	NL
2-Butanone	45.8	8.6 J	<	67.1	<	<	15.2 J	<	NL	NL	NL
m/p-Xylenes	<	<	<	<	93,300	2,800	<	<	*260	**260	**500,000
o-Xylene	<	<	<	<	14,100	290 J	<	<	*260	**260	**500,000
p-Isopropyltoluene	<	<	<	<	2,100 J	29.4	<	<	10,000	NL	NL
sec-Butylbenzene	<	<	<	<	5,000 J	310 J	<	<	11,000	11,000	500,000
Toluene	<	<	<	<	45,100	470 J	<	<	700	700	500,000
1,3,5-Trimethylbenzene	<	<	<	<	12,400	720	<	<	8,400	8,400	190,000
1,2,4-Trimethylbenzene	<	<	<	<	42,700	2,100	1.4 J	<	3,600	3,600	190,000
Vinyl Chloride	<	<	<	<	<	<	<	2.1 J	NL	20	13,000
Tetrachloroethene	<	1.3 J	<	<	<	<	<	<	NL	1,300	200,000
Semi-Volatile Organic Compounds (ug/kg)											
Phenol	120 J	87.4 J	97.9 J	<	<	<	<	<	NL	330	500,000
2-Methylnaphthalene	<	80 J	160 J	<	210 J	<	<	<	NL	NL	NL
Anthracene	<	81.5 J	<	<	<	<	<	<	100,000	100,000	500,000
Pyrene	<	310 J	<	<	<	<	<	<	100,000	100,000	500,000
Benzo[a]anthracene	<	190 J	<	<	<	<	<	<	1,000	1,000	5,600
Benzo[a]pyrene	<	160 J	<	<	<	<	<	<	1,000	1,000	1,000
Benzo[b]fluoranthene	<	200 J	<	<	<	<	<	<	1,000	1,000	5,600
Benzo[g,h,i]pyrene	<	100 J	<	<	<	<	<	<	100,000	100,000	500,000
Chrysene	<	170 J	<	<	<	<	<	<	1,000	1,000	56,000
Indeno[1,2,3-cd]pyrene	<	95.9 J	<	<	<	<	<	<	500	500	5,600
Fluoranthene	<	430	<	<	<	<	<	<	100,000	100,000	500,000
Naphthalene	<	<	99.6 J	<	600	<	<	<	12,000	12,000	500,000
Phenanthrene	<	340 J	130 J	<	120 J	<	110 J	<	100,000	100,000	500,000
Dimethylphthalate	610	410	640	500	630	500	460	420	NL	NL	NL
RCRA Metals (mg/kg)											
Arsenic	3.29	27.3	65.7	4.27	31	3.66	17	2.18	NA	13	16
Barium	61.9	33.3	80.3	101	54.7	128	30.8	29.8	NA	350	400
Cadmium	0.18 J	28	0.44	0.26 J	>	0.3 J	11	0.33	NA	2.5	9.3
Chromium	12.1	23.6	21.2	18.2	440	51.4	20	7.81	NA	***1/30	***400/1,500
Lead	121	423	33	127	49.8	44.2	243	9.09	NA	63	1,000
Mercury	0.33	0.25	0.07	0.65	0.12	0.07	0.1	0.01 J	NA	0.18	2.8
Silver	2.02	20.6	3.15	2.07	2.97	2.41	16.4	0.77	NA	2	1,500

NYSDC Part 375 Industrial and Commercial Soil Cleanup Objectives (December 2006)

NYSDC Commissioner Policy (CP)-51 Soil Cleanup Guidance (October 2010)

NYSDC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern USA Background Concentrations for Soil

NL = Not listed

NA = Not Applicable

ft. bgs = feet below the ground surface

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

< = Indicates the analyte was analyzed for, but not detected.

*SB5A and SB6 VOC results generated from a secondary dilution factor.

** indicates a mixed Xylene Soil Cleanup Level

*** Hexavalent/trivalent chromium results

J = Indicates an estimated value.

No detectable compounds were identified during PCB analysis

Bold = Analyte detected above Part 375 Unrestricted Use SCDs

Yellow = Analyte detected above Part 375 Commercial SCDs

Underlined = Analyte detected above CP-51

Table 3
Buffalo Niagara Riverkeeper, 1660 Niagara Street, Buffalo, New York
Phase II Environmental Site Assessment
Summary of Groundwater Analytical Results
(Detected Compounds Only)

Sample ID	TPMW1	TPMW2	TPMW3	TOGS*
Sample Date	12/11/2015	12/11/2015	12/11/2015	
Volatile Organic Compounds (ug/L)				
Acetone	150	31.4	44	50
Benzene	<	<	4.7 J	1
Carbon Disulfide	0.3 J	0.33 J	<	NL
cis-1,2-Dichloroethene	0.48 J	6.1	190	5
trans-1,2-Dichloroethene	<	<	2.9 J	5
1,1-Dichlororethene	<	<	0.54 J	5
Vinyl Chloride	<	0.58 J	33.5	2
RCRA Metals (ug/L)				
Aresnic	<	6.53 J	<	25
Barium	39.2 J	313	783	1,000
Cadmium	<	<	<	5
Chromium	<	4.94 J	8.92	50
Lead	<	23.6	7.33	25
Mecury	<	0.19 J	0.706	0.7
Selenium	14	11.2	<	10
Silver	<	<	<	50

*Division of Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (Class GA).

No detectable compounds were identified during SVOC analysis.

NL = Not listed

ug/L = micrograms per liter

< = Indicates the analyte was analyzed for, but not detected.

J = Indicates an estimated value

Yellow = Analyte detected above NYSDEC Groundwater Standards

APPENDIX 1

Geophysical Engineering Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property

**1660 Niagara Street
Buffalo, New York 14207**

NOVA PROJECT NUMBER

15-0869

DATED

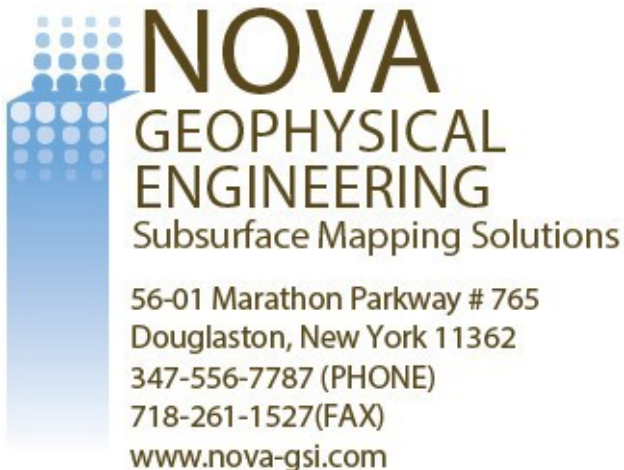
October 30, 2015

PREPARED FOR:

LaBella Associates, D.P.C.

**300 Pearl Street
Buffalo, New York 14202**

PREPARED BY:



NOVA GEOPHYSICAL SERVICES

SUBSURFACEMAPPINGSOLUTIONS

56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

October 30, 2015

Adam Zebrowski
Project Manager
LaBella Associates, D.P.C.
300 Pearl Street
Buffalo, New York 14202
Direct: 716.840.2548

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
1660 Niagara Street
Buffalo, New York 14202

Dear Mr. Zebrowski:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, 1660 Niagara Street, Buffalo, New York (the "Site"). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and potential identify USTs, based on a previous survey of the site, on October 23, 2015.

The equipment selected for this investigation was a Noggin 250 MHz ground penetrating radar (GPR) shielded antenna, a 3M Dynatel utility locator and a magnetometer.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

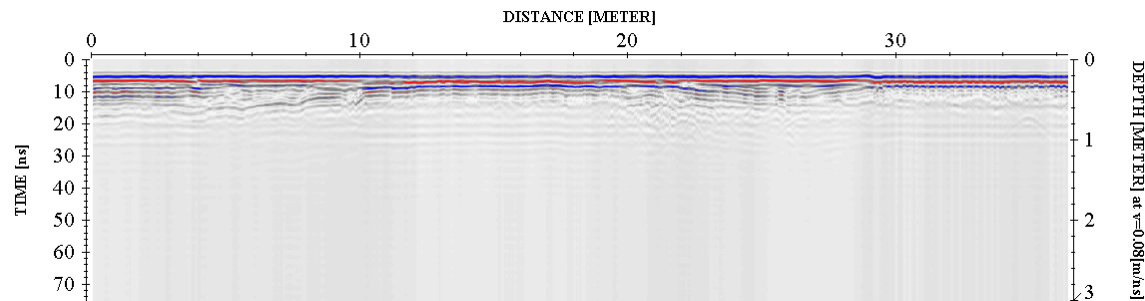
The project site was screened using the GPR to search the entire area and inspected for reflections, which could be indicative of major anomalies and substructures. The magnetometer was used to locate metallic debris in the subsurface. The utility locator was used in an attempt to locate USTs associated with the remnants of two exposed vent pipes.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of concrete and dirt surfaces.

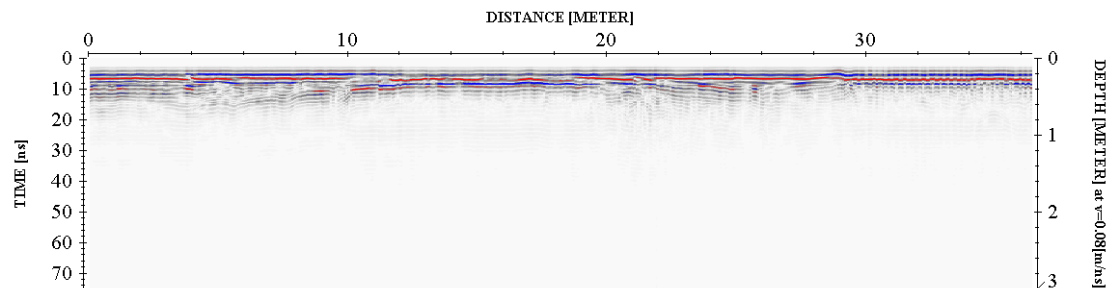
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies, NOVA processed the collected data. The processing flow is briefly described in this section.

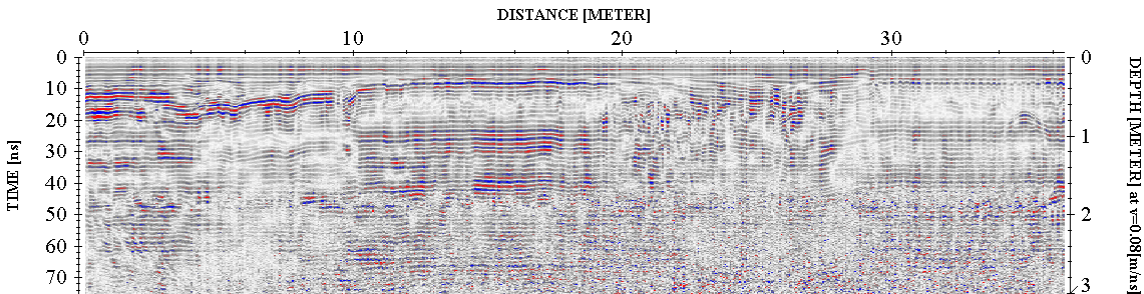
Step 1. Import raw RAMAC data to standard processing format



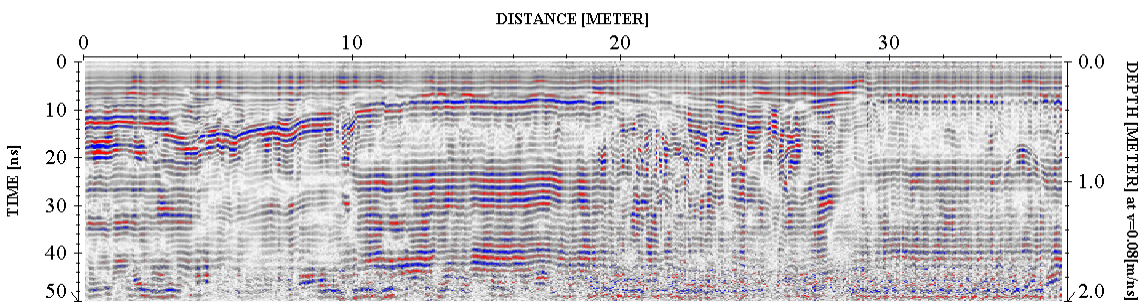
Step 2. Remove instrument noise (dewow)



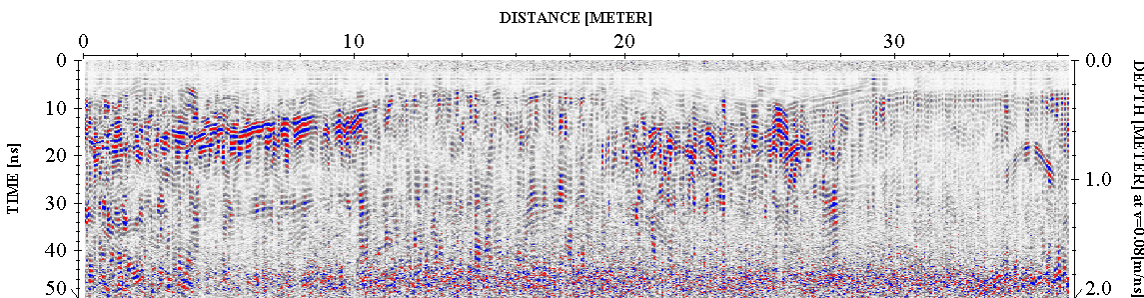
Step 3. Correct for attenuation losses (*energy decay function*)



Step 4. Remove static from bottom of profile (*time cut*)



Step 5. Mute horizontal ringing/noise (*subtracting average*)



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Sunny

Temp: 55 Degrees (F).

Surface: Concrete and dirt surfaces

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the site. The noise was a result of historic fill and layered concrete slabs on the site.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- Several large anomalies, consistent with potential USTs, were located on the site. These are marked out on-site and on the survey map. The width and distances from the curb of these anomalies are indicated on the sidewalk.
- Several utilities (sewer, electric and gas) were located on the site. These were marked out both at the site and on the survey map (subsurface only).
- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any other USTs.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

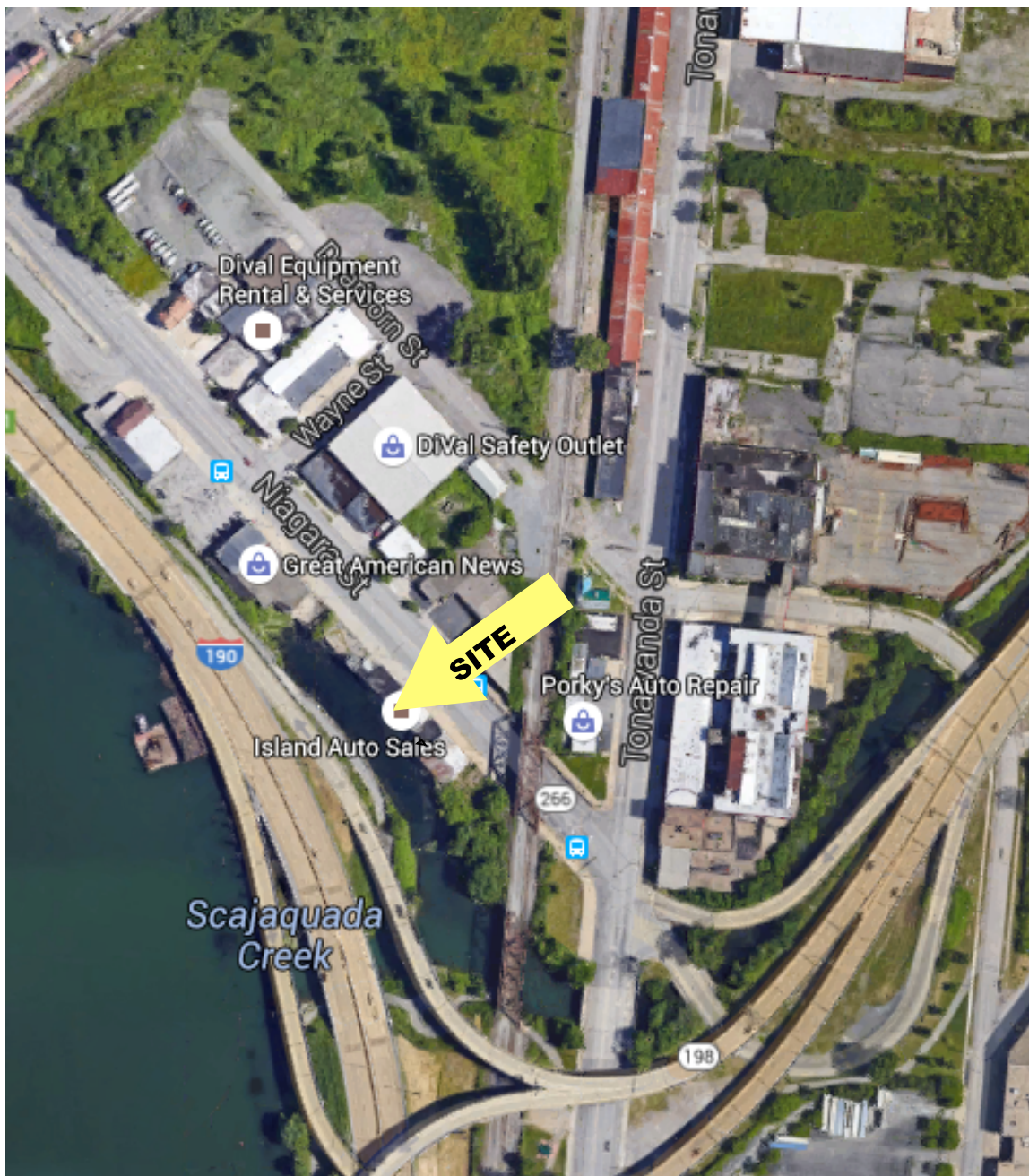
Project Engineer

Attachments:

Figure 1 Site Location Map

Geophysical Survey Plan

Geophysical Images



200 ft.

FIGURE 1
SITE LOCATION MAP

NOVA
Geophysical Services

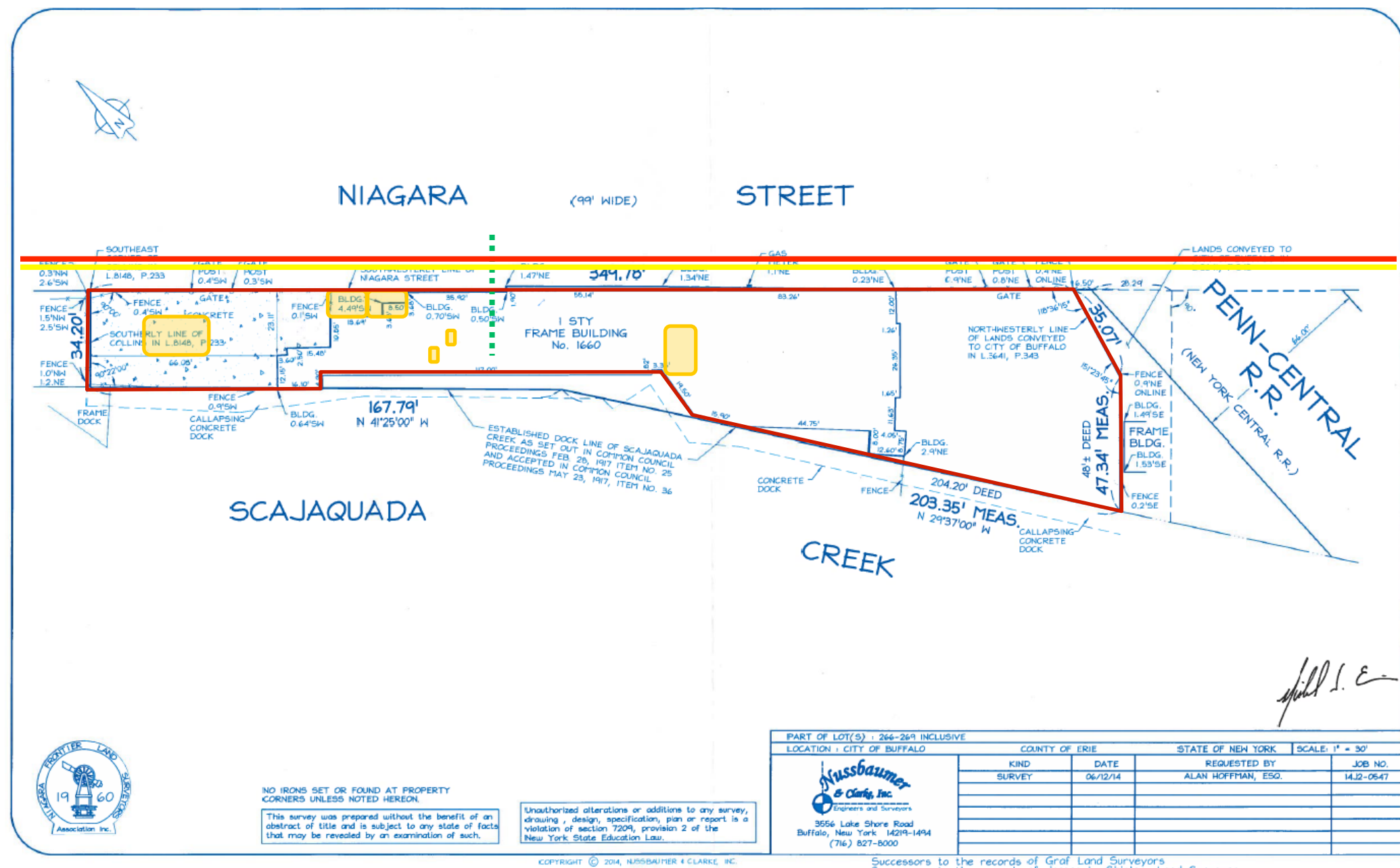
Subsurface Mapping Solutions

56-01 Marathon Pkwy, # 765, Douglaston, NY 11362
(347) 556-7787 Fax (718) 261-1528

www.nova-gsi.com

SITE: Commercial Property
1660 Niagara Street
Buffalo, New York 14202

SCALE: See Map



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : Commercial Property
1660 Niagara Street
Buffalo, New York 14202

CLIENT: LaBella Associates, D.P.C.
DATE: October 23, 2015
Scale See Map

INFORMATION

- Survey Area**
- Electrical Line**
- Large Anomaly**
- Sewer Line**
- Gas Line**

1- All anomalies were marked in the field.



1- All anomalies were marked in the field.

NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
1660 Niagara Street
Buffalo, New York 14202

CLIENT: **LaBella Associates, D.P.C.**
DATE: October 23, 2015
Scale See Map

INFORMATION

- Survey Area
- Electrical Line
- Large Anomaly
- Sewer Line
- Gas Line



50 ft.

GEOPHYSICAL IMAGES

Commercial Property

1660 Niagara Street

Buffalo, New York 14202

October 23rd, 2015



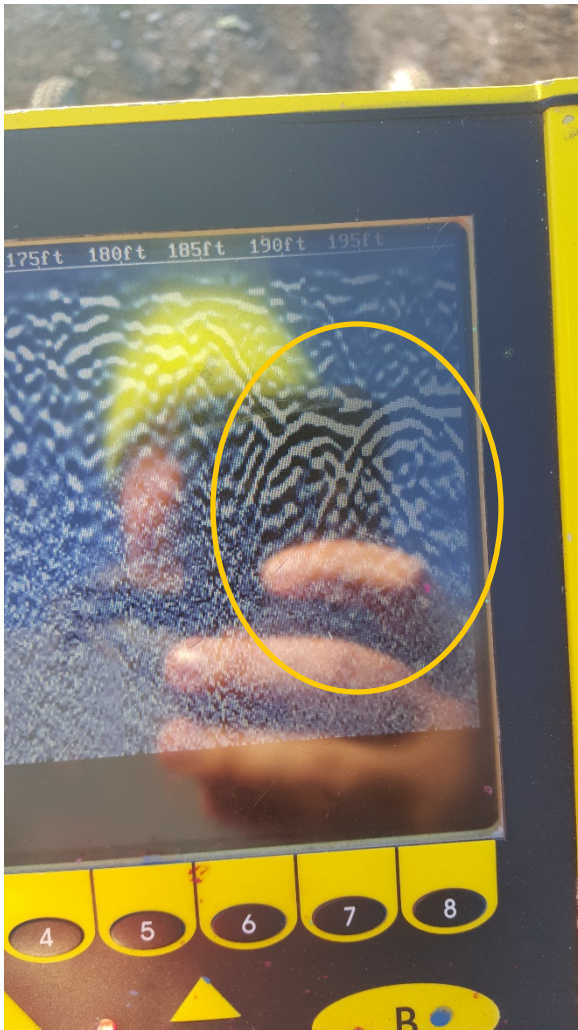
GEOPHYSICAL IMAGES

Commercial Property

1660 Niagara Street

Buffalo, New York 14202

October 23rd, 2015



Reflections indicating potential USTs associated with the two vent pipes.



APPENDIX 2

Field Logs

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 2 SHEET 2 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC OPERATOR: Rob Yarger LABELLA REPRESENTATIVE: Chris K.			TEST PIT LOCATION: 2 GROUND SURFACE ELEVATION NA START DATE: 11/18/15			Time 10:05		
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-4": Asphalt	0	No odors or staining			
2			4"-2": Gravel and sand backfill (for underground storage tanks)	0	No odors or staining			
4			2-4': Gravel and sand backfill (for underground storage tanks)	0	No odors or staining			
			4'-6': Brown clay (high plasticity, soft, moist)	135.6	Black staining and heavy gasoline odors			
			Two USTs were identified within TP2 including one 1,000-gallon UST (Tank A) and one 2,000-gallon UST (Tank B). Tank A was 48" in diameter while Tank B was 64" in diameter. Tank A had 31.5" of fluid inside of it while Tank B had 8" of fluid inside of it. Based on observations the fluid in each of the USTs appeared to be diluted gasoline (mixed with water). Samples of the fluid from each UST were collected and submitted for analytical testing to confirm the nature of the fluid. PID readings were checked at the fill ports for each UST ranging in concentration from 900-2,000 PPM. At least 3, 1-inch, empty pipes were identified in TP-2 running north-south along the western side-wall of the test pit. The pipes appeared to be running from the USTs to the northern portion of the Site. PID readings at the pipe openings registered at 2 PPM. Approximately 860 gallons of fluid will be removed from the USTs by EPS of Vermont on 11/20/15 for proper disposal. Based on the discovery of the USTs and residual contamination proximate such, a spill was called into the NYSDEC (Spill #1508546).					
WATER LEVEL DATA			DEPTH (FT)		NOTES:			
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF TEST PIT				
NA	NA	NA	NA	6'				
GROUNDWATER ENCOUNTERED No					NA = Not Applicable PPM = Parts Per Million			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 2								

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 3 SHEET 3 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC OPERATOR: Rob Yarger LABELLA REPRESENTATIVE: Chris K.			TEST PIT LOCATION: 3 GROUND SURFACE ELEVATION NA START DATE: 11/18/15			Time 12:10		
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-6": Concrete slab	0	No odors or staining			
2			6"-2": Sand backfill intermingled with fill materials (slag, brick)					
4			2'-4": Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)	0	No odors or staining			
6			4'-6": Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)	0	Slight grease odor.			
8			6'-8": Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)	16	Slight grease odor.			
10			8'-10": Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)	110	Strong hydraulic oil odor proximate western hydraulic cylinder.			
			Two hydraulic lift cylinders and one cylindrical grease pit was identified within this test pit. Residual hydraulic oil was observed to be leaking from the western hydraulic lift cylinder proximate 8'-10' bgs.					
WATER LEVEL DATA			DEPTH (FT)		NOTES:			
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF TEST PIT				
NA	NA	NA	NA	10'				
GROUNDWATER ENCOUNTERED					No	NA = Not Applicable PPM = Parts Per Million BGS = Below the Ground Surface		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 3								

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 4 SHEET 4 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC OPERATOR: Rob Yarger LABELLA REPRESENTATIVE: Chris K.			TEST PIT LOCATION: 4 GROUND SURFACE ELEVATION NA START DATE: 11/18/15			Time 13:30		
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-6": Concrete slab	0	No odors or staining			
2			6"-2": Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)					
4.5			2"-4.5': Brown clay (low plasticity, soft, moist) intermingled with fill materials (slag, brick)	0	No odors or staining			
			Two, 3-inch pipes were identified within TP-4. The pipes were noted to be filled with concrete and running in an east-west direction coming out of the west side-wall of the test pit. One 1/2-inch copper pipe was also identified within TP-4 running north-south along the eastern side of the test pit. Such appeared to be an empty, water line.					
WATER LEVEL DATA			DEPTH (FT)		NOTES: NA = Not Applicable PPM = Parts Per Million			
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF TEST PIT				
NA	NA	NA	NA	4.5'				
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 4								



Buffalo Niagara Riverkeeper
1660 Niagara Street, Buffalo, New York

CHKD BY: CK

START DATE: 11/18/15

DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)			
0			0-4": Asphalt 4"-2": Fill materials (slag, brick)	0	No odors or staining
2			2'-4": Fill materials (slag, brick)	0.1	No odors or staining
4					
			Refusal was encountered at 4" bgs due to a hard-like slag material.		

			DEPTH (FT)			NOTES: NA = Not Applicable PPM = Parts Per Million BGS = Below the Ground Surface
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	
DATE	TIME	ELAPSED TIME				
NA	NA	NA				

TEST PIT: TP - 5

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 6 SHEET 6 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC OPERATOR: Rob Yarger LABELLA REPRESENTATIVE: Chris K.			TEST PIT LOCATION: 6 GROUND SURFACE ELEVATION NA START DATE: 11/18/15			Time 14:30		
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION			PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-4": Concrete 4"-2": Fill materials (slag, wood, brick) 2'-4": Brown clay (high plasticity, soft, moist) intermingled with fill materials (slag, wood, brick)			0	No odors or staining	
2						0		
4								
			DEPTH (FT)			NOTES:		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER	NA = Not Applicable PPM = Parts Per Million		
DATE	TIME	ELAPSED TIME	CASING	TEST PIT	ENCOUNTERED			
NA	NA	NA	NA	4'	No			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 6								

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 7 SHEET 7 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC OPERATOR: Rob Yarger LABELLA REPRESENTATIVE: Chris K.			TEST PIT LOCATION: 7 GROUND SURFACE ELEVATION: NA START DATE: 11/18/15			Time: 14:40		
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-4": Concrete	0	No odors or staining			
2			4"-2": Fill materials (slag, wood, brick)					
4			2"-4": Brown clay (high plasticity, soft, moist) intermingled with fill materials (slag, wood, brick)	0	No odors or staining			
			DEPTH (FT)		NOTES:			
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
NA	NA	NA	NA	4'	No			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 7								

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			TEST PIT: TP - 8 SHEET 8 OF 8 JOB: 2151177 CHKD BY: CK		
CONTRACTOR: LaBella Env., LLC			TEST PIT LOCATION: 8					
OPERATOR: Rob Yarger			GROUND SURFACE ELEVATION NA					
LABELLA REPRESENTATIVE: Chris K.			START DATE: 11/18/15					
Time 14:50								
TYPE OF EQUIPMENT:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
0			0-6": Concrete	0	No odors or staining			
2			6"-2': Fill materials (slag, wood, brick)					
4			2'-4': Brown clay (high plasticity, soft, moist) intermingled with fill materials (slag, wood, brick)	0	No odors or staining			
			DEPTH (FT)					
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELAPSED TIME						
NA	NA	NA	NA	4'	No			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
TEST PIT: TP - 8								

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			BORING: #SB1 SHEET 1 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR:			BORING LOCATION: #1		TIME 8:45		
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION				
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015				
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:				
AUGER SIZE AND TYPE:			INSIDE DIAMETR:				
OVERBURDEN SAMPING METHOD:			OTHER:				
DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE				
0		15"		0-4": Concrete 4"-2': Fill (asphalt, brick, slag)	0	No odors or staining.	
2		15"		Fill (asphalt, brick, slag)	0	No odors or staining.	
4		18"		4-5': Brown clay (medium plasticity, moderate stiff, dry) 5-6': Fill (brick, slag)	0	No odors or staining.	
6		18"		Fill (brick, slag)	0	No odors or staining.	
8		18"		8-9': Fill (brick, slag) 9-10': Grey-black sandy silt (high plasticity, moist)	0	No odors but heavy black staining observed within fill material.	
10		18"		Grey sandy silt (high plasticity, moist)	0	No odors or staining.	
12		15"		Grey sandy silt (high plasticity, moist)	0	No odors or staining.	
14		15"		Grey sandy silt (high plasticity, moist)	0	No odors or staining.	
			DEPTH (FT)			NOTES: Boring to 16'. TPMW #1 installed in this boring.	
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED		
DATE	TIME	ELAPSED TIME					
			15.5'	16'	6.8'		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE							
						BORING: #SB1	

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York				BORING: #SB2 SHEET 2 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR:			BORING LOCATION: #2		TIME 9:20			
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETER:					
OVERBURDEN SAMPING METHOD:			OTHER:					
D E P T H	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		15"		0-6": Concrete	0	No odors or staining throughout entire boring.		
				6"-2': Fill (brick, slag)				
2		15"		Fill (slag, brick)	0			
4		18"		Fill (slag, brick)	0			
6		18"		Fill (slag, brick)	0			
8		20"		Brown-grey sandy silt (high plasticity, moist)	0			
10		20"		Brown-grey sandy silt (high plasticity, moist)	0			
12		17"		Grey silty sand (fine, medium dense, moist)	0			
14		17"		Grey silty clay (medium plasticity, moderate stiff, moist)	0			
			DEPTH (FT)			NOTES: Boring to 16'.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
						BORING: #SB2		

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York				BORING: #SB3 SHEET 3 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR:			BORING LOCATION: #3		TIME 10:15			
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETER:					
OVERBURDEN SAMPING METHOD:			OTHER:					
DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		18"		0-6": Concrete	0	No odors or staining throughout entire boring.		
				6"-2': Fill (asphalt, brick, slag)				
2		18"		Fill (brick, slag)	0			
4		14"		Brown clay (medium plasticity, moderate stiff, moist)	0			
6		14"		Brown clay (medium plasticity, moderate stiff, moist)	0			
8		14"		Grey silty sand (medium, fine, medium dense, moist)	0			
10		14"		Grey silty sand (medium, fine, medium dense, moist)	0			
12		12"		Grey sandy silt (medium plasticity, moist)	0			
14		12"		Grey sandy silt (medium plasticity, moist)	0			
			DEPTH (FT)			NOTES: Boring to 16'.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
					BORING: #SB3			

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			BORING: #SB4 SHEET 4 OF 9 JOB: 2151177 CHKD BY: CK		
CONTRACTOR:			BORING LOCATION: #4			TIME 10:45		
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETR:					
OVERBURDEN SAMPING METHOD:			OTHER:					
D E P T H	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		14"		0-6": Concrete	0	No odors or staining throughout entire boring.		
				6"-2': Fill (brick, slag)				
2		14"		Brown silty clay (medium plasticity, moderate stiff, moist)	0			
4		14"		Fill (slag, brick)	0			
6		14"		Fill (slag, brick, asphalt)	0			
8		4"		Fill (slag, brick)	0			
10		4"		Fill (slag, brick)	0			
12		21"		Black-grey sandy silt (medium plasticity, moderate stiff, moist)	0			
14		21"		Grey silty sand (medium, fine, loose, moist)	0			
			DEPTH (FT)			NOTES: Boring to 16'. TPMW #2 installed in this boring.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
			15.3'	16'	7'			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
						BORING: #SB4		

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York				BORING: #SB5 SHEET 5 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR:			BORING LOCATION: #5		TIME 11:20			
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETER:					
OVERBURDEN SAMPING METHOD:			OTHER:					
DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		10"		0-14": Concrete	0	No odors or staining.		
2		10"		14"-2': Fill (asphalt, brick, slag)	0	No odors or staining.		
4		13"		Fill (asphalt, brick, slag)	0	No odors or staining.		
6		13"		Fill (slag, brick)	0	No odors or staining.		
8		12"		Fill (slag, brick)	725	Strong gasoline odors and black staining observed in fill material.		
			DEPTH (FT)			NOTES: Boring to 10' due to equipment refusal.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
						BORING: #SB5		

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York				BORING: #5SBA SHEET 6 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR: Nature's Way Environmental			BORING LOCATION: #5A		TIME 13:50			
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETER:					
OVERBURDEN SAMPING METHOD:			OTHER:					
DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		10"		0-14": Concrete	0	No odors or staining.		
2		10"		14"-2': Fill (asphalt, brick, slag)	0	No odors or staining.		
4		13"		Fill (asphalt, brick, slag)	0	No odors or staining.		
6		13"		Fill (slag, brick)	0	No odors or staining.		
8		12"		Fill (slag, brick)	607	Strong gasoline odors and black staining observed in fill material.		
			DEPTH (FT)			NOTES: Boring to 10' due to equipment refusal.		
WATER LEVEL DATA			BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED			
DATE	TIME	ELASPED TIME						
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
					BORING: #SB5A			

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			BORING: #SB6 SHEET 7 OF 9 JOB: 2151177 CHKD BY: CK	
CONTRACTOR: DRILLER: Nature's Way Environmental LABELLA REPRESENTATIVE: Chris Kibler			BORING LOCATION: #6 GROUND SURFACE ELEVATION START DATE: 12/8/2015			TIME 12:30	
TYPE OF DRILL RIG: AUGER SIZE AND TYPE: OVERBURDEN SAMPING METHOD:			DRIVE SAMPLER TYPE: INSIDE DIAMETR: OTHER:				
D E P T H	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS	
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE				
0		14"		0-6": Concrete	0	No odors or staining.	
2		14"		6"-2": Sand backfill proximate underground storage tank area (medium, fine, loose, dry) Fill (brick, slag)	0	No odors or staining.	
4		18"		Grey-black silty clay (high plasticity, soft, moist)	140	Strong gasoline odors and black staining.	
6		18"		Grey-black silty clay (high plasticity, soft, moist)	216	Strong gasoline odors and black staining.	
8		4"		Grey-black silty clay (high plasticity, soft, moist)	104	Strong gasoline odors and black staining.	
10		4"		Grey-black silty clay (high plasticity, soft, moist)	93	Strong gasoline odors and black staining.	
12		15"		Grey sandy silt (high plasticity, moist)	61	No staining but slight gasoline odors.	
14		15"		Grey clay (medium plasticity, moderate stiff, moist)	3	No odors or staining.	
			DEPTH (FT)			NOTES: Boring to 16'.	
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER		
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE							
						BORING: #SB6	

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			BORING: #SB7 SHEET 8 OF 9 JOB: 2151177 CHKD BY: CK		
CONTRACTOR:			BORING LOCATION: #7			TIME 13:00		
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETER:					
OVERBURDEN SAMPING METHOD:			OTHER:					
D E P T H	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		16"		0-8": Concrete	0	No odors or staining throughout entire boring.		
				8"-2': Fill (brick, slag)				
2		16"		Fill (brick, slag)	0			
4		17"		Fill (brick, slag)	0			
6		17"		Brown clay (medium plasticity, moderate stiff, moist)	0			
8		16"		Brown silty clay (high plasticity, soft, moist)	0			
10		16"		Brown silty clay (medium plasticity, moderate stiff, moist)	0			
12		18"		Grey silty sand (medium, fine, loose, moist)	0			
14		18"		Grey silty clay (medium plasticity, moderate stiff, moist)	0			
			DEPTH (FT)			NOTES: Boring to 16'.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
						BORING: #SB7		

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Buffalo Niagara Riverkeeper 1660 Niagara Street, Buffalo, New York			BORING: #SB8 SHEET 9 OF 9 JOB: 2151177 CHKD BY: CK		
CONTRACTOR:			BORING LOCATION: #8			TIME 14:30		
DRILLER: Nature's Way Environmental			GROUND SURFACE ELEVATION					
LABELLA REPRESENTATIVE: Chris Kibler			START DATE: 12/8/2015					
TYPE OF DRILL RIG:			DRIVE SAMPLER TYPE:					
AUGER SIZE AND TYPE:			INSIDE DIAMETR:					
OVERBURDEN SAMPING METHOD:			OTHER:					
D E P T H	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS		
	SAMPLE DEPTH	SAMPLE NO. AND RECOVERY	STRATA CHANGE					
0		12"		0-3": Concrete	0	No odors or staining throughout entire boring.		
2		12"		3"-2": Fill (brick, slag) Fill (brick, slag)	0			
4		20"		Fill (brick, slag)	0			
6		20"		Brown clay (low plasticity, stiff, moist)	0			
8		16"		Brown clay (low plasticity, stiff, moist)	0			
10		16"		Grey silty sand (medium, fine, loose, moist)	0			
12		10"		Grey silty sand (medium, fine, loose, moist)	0			
14		10"		Grey silty sand (medium, fine, loose, moist)	0			
16		13"		Grey silty sand (medium, fine, medium dense, moist)	0			
18		13"		Grey silty sand (medium, fine, medium dense, moist)	0			
20		22"		Brown silty sand (medium, fine, loose, wet)	0			
22		22"		Brown silty sand (medium, fine, loose, moist)	0			
			DEPTH (FT)			NOTES: Boring to 24'. TPMW #3 installed in this boring.		
WATER LEVEL DATA			BOTTOM OF	BOTTOM OF	GROUNDWATER			
DATE	TIME	ELASPED TIME	CASING	BORING	ENCOUNTERED			
			22.1'	24'	8.1'			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE								
BORING: #SB8								



300 PEARL STREET, BUFFALO, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Buffalo Niagara Riverkeeper
1660 Niagara Street, Buffalo, New York

BORING: TPMW1

SHEET 1 OF 3

JOB # 2151177

CHKD. BY: CK

CONTRACTOR: Nature's Way Environmental

DRILLER:

LABELLA REPRESENTATIVE: Chris Kibler

BORING LOCATION: SB1

GROUND SURFACE ELEVATION: DATUM:

START DATE: 12/11/2015

END DATE:

TYPE OF DRILL RIG:

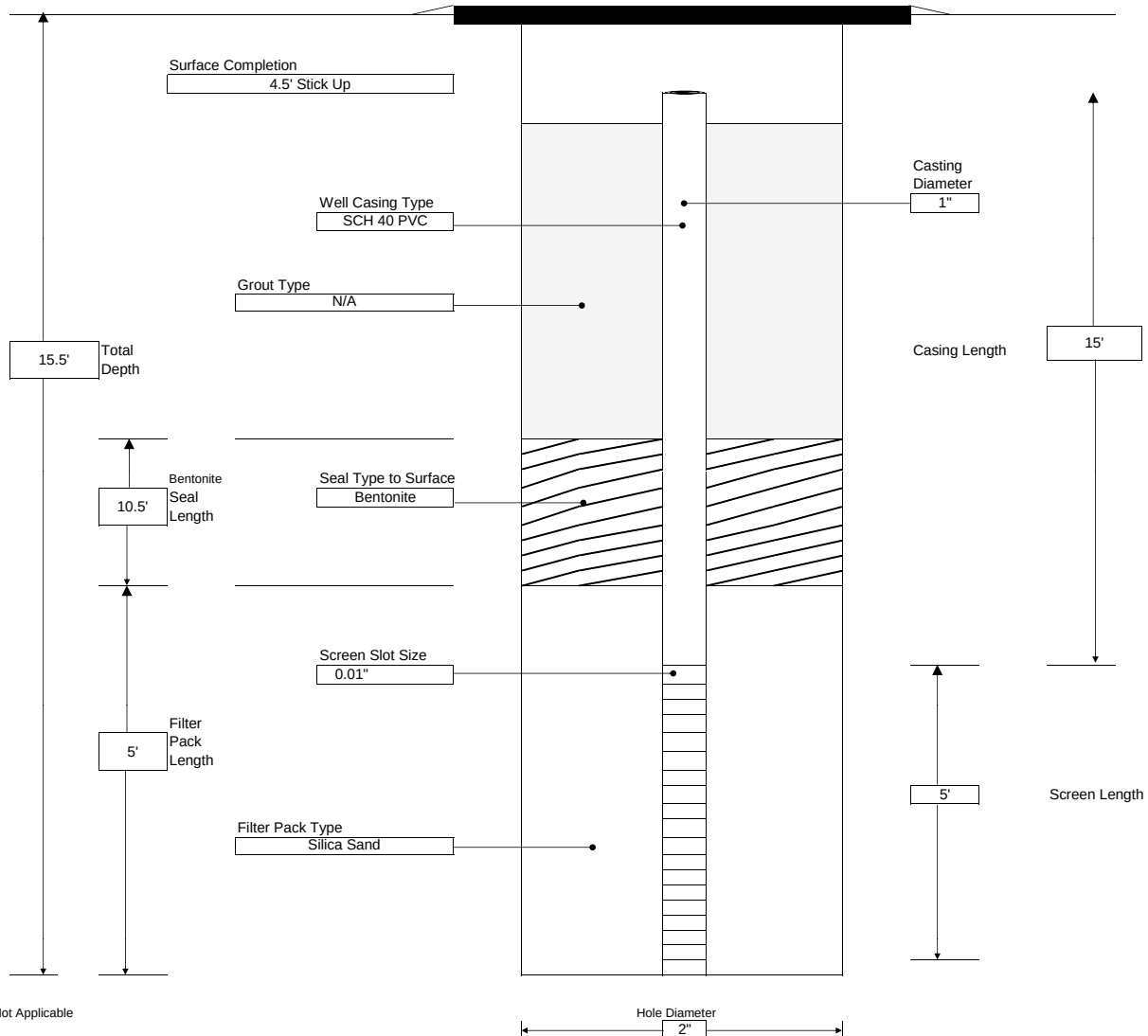
AUGER SIZE AND TYPE: N/A

OVERBURDEN SAMPLING METHOD: Direct-Push

ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NA-Not Applicable

GENERAL NOTES:

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.



300 PEARL STREET, BUFFALO, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Buffalo Niagara Riverkeeper
1660 Niagara Street, Buffalo, New York

BORING: TPMW2

SHEET 2 OF 3

JOB # 2151177

CHKD. BY: CK

CONTRACTOR: Nature's Way Environmental

DRILLER:

LABELLA REPRESENTATIVE: Chris Kibler

BORING LOCATION: SB4

GROUND SURFACE ELEVATION: DATUM:

START DATE: 12/11/2015

END DATE:

TYPE OF DRILL RIG:

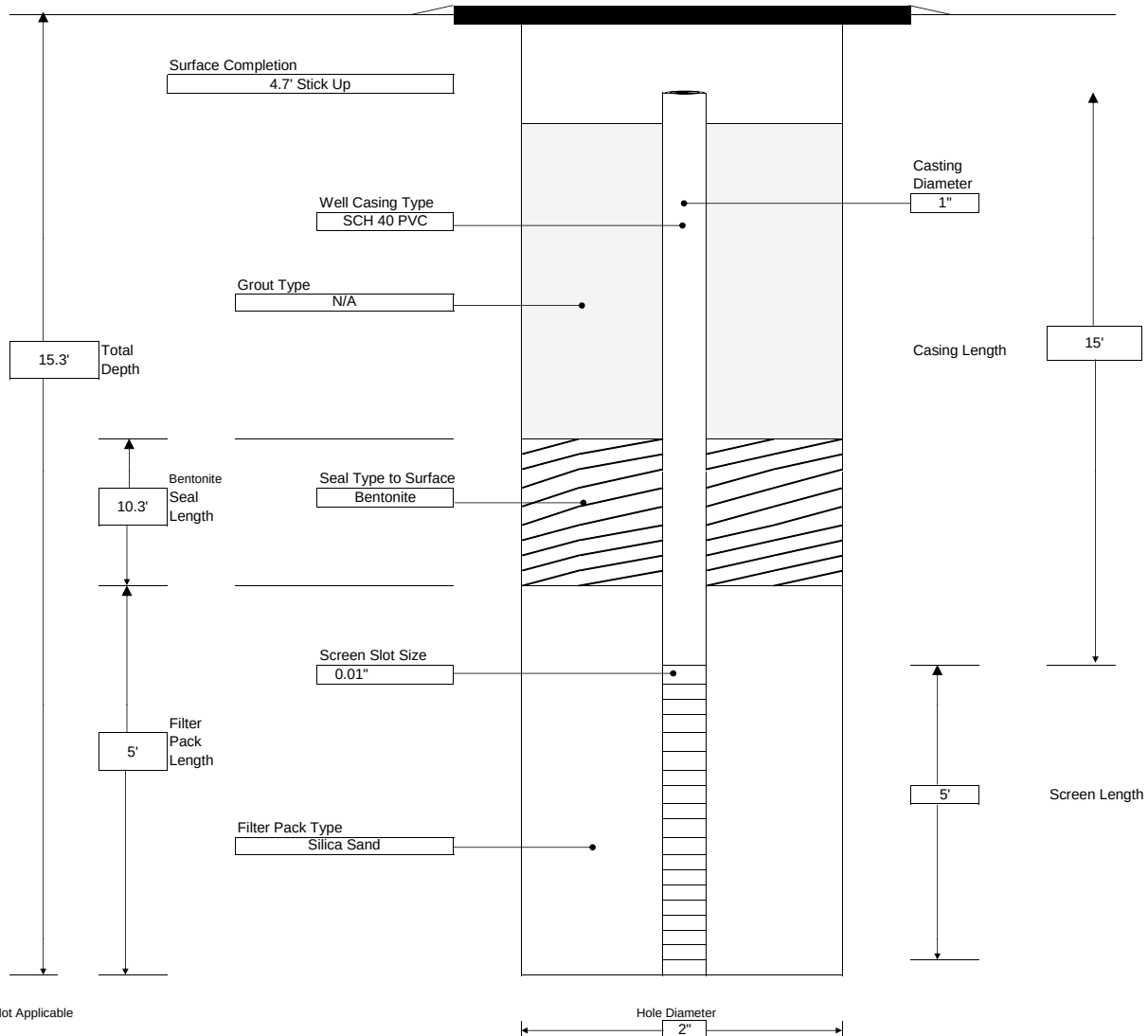
AUGER SIZE AND TYPE: N/A

OVERBURDEN SAMPLING METHOD: Direct-Push

ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NA-Not Applicable

GENERAL NOTES:

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.



300 PEARL STREET, BUFFALO, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

Buffalo Niagara Riverkeeper
1660 Niagara Street, Buffalo, New York

BORING: TPMW3

SHEET 3 OF 3

JOB # 2151177

CHKD. BY: CK

CONTRACTOR: Nature's Way Environmental

DRILLER:

LABELLA REPRESENTATIVE: Chris Kibler

BORING LOCATION: SB8

GROUND SURFACE ELEVATION: DATUM:

START DATE: 12/11/2015

END DATE:

TYPE OF DRILL RIG:

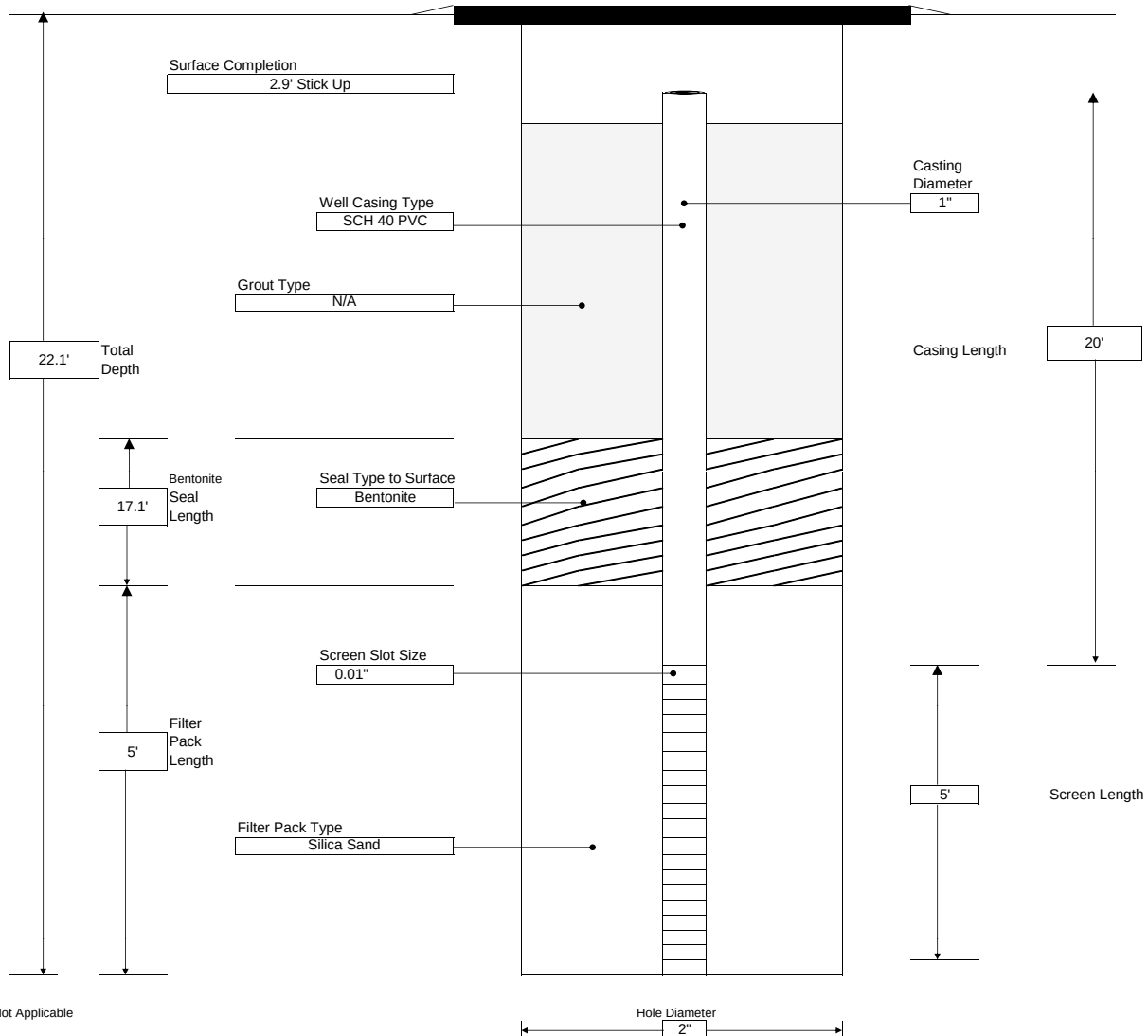
AUGER SIZE AND TYPE: N/A

OVERBURDEN SAMPLING METHOD: Direct-Push

ROCK DRILLING METHOD: N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



GENERAL NOTES:

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.



GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: TPMW1

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

Project Name: Buffalo Niagara Riverkeeper
Location: 1660 Niagara Street, Buffalo, New York
Project No.: 2151177
Sampled By: Chris Kibler
Date: 12/11/15
Weather: Cloudy/Windy, 58°F

PURGE VOLUME CALCULATION

Well Diameter: 1" Static Water Level: 6.8' bgs
Depth of Well: 15.5' One Well Volume: 0.4 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer – Type: _____ ☒ Pump – Type: Geotech Geopump II AC/DC Peristaltic Pump
Sampling Device: _____ Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O2 (mg/L)	Redox (mV)	Comments
12:50	0.4	7.94	13.1	0.664	240	5.12	-82.9	
13:10	0.1	7.82	13.4	0.691	391	4.99	-61.6	

Total 0.5 Gallons Purged

Purge Time Start: 12:50 Purge Time End: 13:20

WELL SAMPLING

Sample I.D.: TPMW1 Sample Time: 14:45
No. of Containers: Four Sample Preservation: HCL

Sampled For: ☒ VOCs - 8260 TCL + CP-51 ☐ VOCs - 8260B CP-51 Only ☐ PCBs
☒ SVOCs - 8270 CP-51 Only ☒ RCRA Metals ☐ Other: _____

OBSERVATIONS

Notes: Well was installed in SB1. The well was purged dry during the second purge event. The well was allowed to recharge enough for sampling of VOCs, RCRA Metals and a limited sample volume for the CP-51 SVOCs (only half of a 1-liter amber bottle was submitted). As the turbidity in the well was very high, 500 ml were submitted in a non-preserved 1-liter amber bottle for filtered, dissolved metals analysis pertaining to the RCRA Metals requirement. No evidence of impairment was observed during the purging and sampling of this well.

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☒ Purged Dry



GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: TPMW2

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

Project Name: Buffalo Niagara Riverkeeper
Location: 1660 Niagara Street, Buffalo, New York
Project No.: 2151177
Sampled By: Chris Kibler
Date: 12/11/15
Weather: Cloudy/Windy, 58°F

PURGE VOLUME CALCULATION

Well Diameter: 1" Static Water Level: 7' bgs
Depth of Well: 15.3' One Well Volume: 0.3 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer – Type: _____ ☒ Pump – Type: Geotech Geopump II AC/DC Peristaltic Pump
Sampling Device: _____ Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O2 (mg/L)	Redox (mV)	Comments
11:00	0.3	7.09	13.2	1.901	48	5.13	63.7	
11:30	0.3	7.21	13.6	1.892	61	4.72	42.1	
12:05	0.3	7.18	13.1	1.916	42	5.08	30.8	

Total 0.9 Gallons Purged

Purge Time Start: 11:00 Purge Time End: 12:20

WELL SAMPLING

Sample I.D.: TPMW2 Sample Time: 12:30
No. of Containers: Four Sample Preservation: HCL

Sampled For: ☒ VOCs - 8260 TCL + CP-51 ☐ VOCs - 8260B CP-51 Only ☐ PCBs
☒ SVOCs - 8270 CP-51 Only ☒ RCRA Metals ☐ Other: _____

OBSERVATIONS

Notes: Well was installed in SB4. The well was successfully purged and sampled. No evidence of impairment was observed during the purging and sampling of this well.

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☐ Purged Dry



300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: TPMW3

Project Name: Buffalo Niagara Riverkeeper
Location: 1660 Niagara Street, Buffalo, New York
Project No.: 2151177
Sampled By: Chris Kibler
Date: 12/11/15
Weather: Cloudy/Windy, 58°F

PURGE VOLUME CALCULATION

Well Diameter: 1" Static Water Level: 8.1' bgs
Depth of Well: 22.1' One Well Volume: 0.6 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer – Type: _____ ☒ Pump – Type: Geotech Geopump II AC/DC Peristaltic Pump
Sampling Device: _____ Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O2 (mg/L)	Redox (mV)	Comments
9:07	0.6	6.94	13.2	1.846	28	1.78	-40	
9:45	0.6	6.82	13.3	1.831	27	2.34	-31	
10:10	0.6	6.90	13.3	1.806	29	2.24	-16	

Total 0.9 Gallons Purged

Purge Time Start: 9:07 Purge Time End: 10:35

WELL SAMPLING

Sample I.D.: TPMW3 Sample Time: 10:45
No. of Containers: Four Sample Preservation: HCL
Sampled For: ☒ VOCs - 8260 TCL + CP-51 ☐ VOCs - 8260B CP-51 Only ☐ PCBs
☒ SVOCs - 8270 CP-51 Only ☒ RCRA Metals ☐ Other: _____

OBSERVATIONS

Notes: Well was installed in SB8. The well was successfully purged and sampled. No evidence of impairment was observed during the purging and sampling of this well.

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☐ Purged Dry



24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING

3. Generator's Name and Mailing Address

BNRLT
1660 NIAGARA STREET, BUFFALO, NY 14203

4. Generator's Phone (716) 873-2115

5. Transporter 1 Company Name

ENVIRONMENTAL PROD + SVCS OF VT, INC.

7. Transporter 2 Company Name

9. Designated Facility Name and Site Address

ENVIRONMENTAL PROD + SVCS OF VT, INC.

532 STATE FAIR BLVD
SYRACUSE, NY 13204

HM

11. Shipping Name

X UN1203, GASOLINE MIXTURE
3, PG 11

GENERATOR

G. Additional Descriptions for Materials Listed Above

APP #: 1115199-GT; ERG #128

15. Special Handling Instructions and Additional Information

1) Shipped as product for recycle.

JOB #: B4177

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this document are not subject to federal manifest requirements.

Printed/Typed Name

Josha Kornitz

Signature

[Signature]

Date

Month Day Year

11/20/15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOHNNY ELSEBERRY

Signature

[Signature]

Date

Month Day Year

11/20/15

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the materials covered by this bill of lading except as noted in item 19.

Printed/Typed Name

Signature

Date

Month Day Year

TRANSPORTER

FACILITY

APPENDIX 3

Laboratory Reports

DATA PACKAGE

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : 1660 NIAGARA STREET, BUFFALO, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : G4527

ATTENTION : Adam Zebrowski



DoD ELAP

Table Of Contents for G4527

1) Signature Page	3
2) Case Narrative	4
2.1) VOCMS Group1- Case Narrative	4
2.2) TCLP VOA- Case Narrative	6
2.3) SVOCMS Group1- Case Narrative	8
2.4) TCLP BNA- Case Narrative	10
2.5) PCB- Case Narrative	12
2.6) TPH GC- Case Narrative	14
2.7) Metals-AES- Case Narrative	16
2.8) Metals-TCLP- Case Narrative	18
2.9) Genchem- Case Narrative	19
3) Qualifier Page	20
4) QA Checklist	22
5) VOCMS Group1 Data	23
6) TCLP VOA Data	42
7) SVOCMS Group1 Data	46
8) TCLP BNA Data	58
9) PCB Data	65
10) TPH GC Data	74
11) Metals-AES Data	77
12) Metals-TCLP Data	83
13) Genchem Data	87
111	93
11	95
14) Shipping Document	90
14.1) CHAIN OF CUSTODY	91
14.2) Air Bill	92
14.3) ROC	93
14.4) Lab Certificate	98
14.5) Internal COC	99

Cover Page

Order ID : G4527

Project ID : 1660 Niagara Street, Buffalo, NY

Client : LaBella Associates P.C.

Lab Sample Number

G4527-01
G4527-02
G4527-03
G4527-04
G4527-05
G4527-06
G4527-07
G4527-08
G4527-09
G4527-11

Client Sample Number

TP2(4-6)
TP3(7-9)
TP4(2-4)
TP1(2-4)
TP5(2-4)
TP6(1-3)
TP7(2-4)
TP8(2-4)
TP3(GREASE CYLINDER)
TB

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :



APPROVED

Date: 12/4/2015
By Mildred V Reyes, QAQC Supervisor at 10:51 am, Dec 04, 2015

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_D were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by SUPELCO, K (VOACARB 3000) , TEKMAR LSC-2000 Concentrator. The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868. The analysis of VOCMS Group1 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for TP4(2-4) [4-Bromofluorobenzene - 29%].

The Internal Standards Areas met the acceptable requirements except for SS-1AMS, SS-1AMSD, TP4(2-4) and TP4(2-4)RE.

The Retention Times were acceptable for all samples.

The MS {G4508-02MS} with File ID: VD047668.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[173%], 1,2,4-Trimethylbenzene[144%], 1,3,5-Trimethylbenzene[156%], Isopropylbenzene[189%], N-propylbenzene[157%], p-Isopropyltoluene[135%], Sec-butylbenzene[142%] and tert-Butylbenzene[173%] .

The MSD {G4508-03MSD} with File ID: VD047669.D recoveries met the acceptable requirements except for 1,1,2,2-Tetrachloroethane[157%], 1,2,4-Trichlorobenzene[36%], 1,2,4-Trimethylbenzene[140%], 1,3,5-Trimethylbenzene[151%], Isopropylbenzene[173%], N-propylbenzene[151%] and tert-Butylbenzene[147%] .

The RPD for {G4508-03MSD} with File ID: VD047669.D recoveries met criteria except for 1,2,4-Trichlorobenzene[26%], 2-Butanone[21%] and Acetone[30%] .

The RPD for {VN1202WBSD01} with File ID: VN029213.D recoveries met criteria except for Bromomethane[28%], Methyl Acetate[29%], Methylene Chloride[21%], 2-Butanone[28%], Bromochloromethane[28%], 4-Methyl-2-Pentanone[22%], ,1,2,2-Tetrachloroethane[22%], 1,2-Dibromo-3-Chloropropane[21%] and 1,4-Dioxane[40%]
The Blank Spike for {VD1201SBS01} with File ID: VD047772.D met requirements for all samples except for Bromochloromethane[134%], cis-1,3-Dichloropropene[129%] .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis indicated presence of Methylene Chloride[7.4 ug/Kg]

FileID:VD047666.D{VD1124SBL01}, Methylene Chloride[3.1 ug/Kg]

FileID:VD047688.D{VD1125SBL01} due to possible lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 82D111915S.M) for 4-Methyl-2-Pentanone, cis-1,3-Dichloropropene, Dibromochloromethane, Bromoform, these compound are passing on Linear regression

The %RSD is greater than 15% in the Initial Calibration (Method 82D113015S.M) for Methylene Chloride, , this compound is passing on Linear regression.

The %RSD is greater than 15% in the Initial Calibration (Method 82N112115W.M) for Bromomethane, Cyclohexane, Naphthalene these compound are passing on Linear regression

The Continuous Calibration File ID VD047687.D met the requirements except for Methylene Chloride, 2-Hexanone, 1,2-Dibromoethane and n-propylbenzene .

The Continuous Calibration File ID VD047770.D met the requirements except for 4-Bromofluorobenzene .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for TCLP VOA.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_H were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied BY OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator. The analysis of TCLP VOA was based on method 8260C and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Samples TP3(GREASE CYLINDER) was diluted due to bad matrix.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD for {G4559-07MSD} with File ID: BF083283.D recoveries met criteria except for 1,1-Biphenyl[32%], 1,2,4,5-Tetrachlorobenzene[34%], 2,2-oxybis(1-Chloropropane)[21%], 2,3,4,6-Tetrachlorophenol[27%], 2,4,6-Trichlorophenol[27%], 2,4-Dimethylphenol[30%], 2,6-Dinitrotoluene[25%], 2-Chloronaphthalene[27%], 2-Methylnaphthalene[25%], 2-Nitroaniline[29%], 2-Nitrophenol[21%], 3+4-Methylphenols[24%], 4,6-Dinitro-2-methylphenol[32%], 4-Bromophenyl-phenylether[21%], 4-Chlorophenyl-phenylether[27%], 4-Nitroaniline[40%], 4-Nitrophenol[41%], Acenaphthene[21%], Acenaphthylene[27%], Acetophenone[27%], Atrazine[35%], Benzaldehyde[25%], Benzo(a)anthracene[21%], Benzo(a)pyrene[22%], Benzo(b)fluoranthene[25%], Benzo(g,h,i)perylene[27%], Carbazole[21%], Dibenz(a,h)anthracene[27%], Dibenzofuran[32%], Dimethylphthalate[43%], Di-n-butylphthalate[21%], Di-n-octyl phthalate[22%], Fluoranthene[21%], Fluorene[21%], Hexachlorobenzene[27%], Hexachlorocyclopentadiene[31%], Hexachloroethane[21%], Indeno(1,2,3-cd)pyrene[27%], Naphthalene[21%], Nitrobenzene[21%], N-Nitroso-di-n-

propylamine[25%], N-Nitrosodiphenylamine[25%], Pentachlorophenol[26%], Phenanthrene[27%] and Phenol[24%] .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF112115.M) for Benzaldehyde this compounds is passing on Quadratic regression.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF113015.M) for Benzaldehyde and 2,4-Dinitrophenol these compounds are passing on Quadratic regressio

The Continuous Calibration File ID BF083275.D met the requirements except for 2,2-oxybis(1-Chloropropane) .

The Tuning criteria met requirements.

E. Additional Comments:

.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of TCLP BNA was based on method 8270D and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {G4518-02MS} with File ID: BF083255.D recoveries met the requirements for all compounds except for Pyridine[62%] .

The MSD {G4518-03MSD} with File ID: BF083256.D recoveries met the acceptable requirements except for Pyridine[52%] .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: PCB

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for TP3(7-9)

[Decachlorobiphenyl(1) - 44%, Decachlorobiphenyl(2) - 44%], TP3(7-9)RE

[Decachlorobiphenyl(1) - 42%, Decachlorobiphenyl(2) - 43%], TP3(GREASE

CYLINDER) [Decachlorobiphenyl(1) - 37%, Decachlorobiphenyl(2) - 35%],

TP3(GREASE CYLINDER)RE [Decachlorobiphenyl(1) - 32% and

Decachlorobiphenyl(2) - 32%].

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PO025949.D met the requirements except for

Aroclor-1260(Peak-03,04,05) is failing in 1st column but passing in 2nd column while

Decachlorobiphenyl is failing in 2nd column but passing in 1st column..

The Continuous Calibration File ID PO025961.D met the requirements except for Aroclor-1260(Peak-01) is failing in 1st column but passing in 2nd column. .

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: TPH GC

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for TPH GC.

C. Analytical Techniques:

The analyses were performed on instrument FID_E. The column is RTX5 which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis of TPH GC was based on method 8015B and extraction was done based on method 3541

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for TP3(GREASE CYLINDER)[0%].

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: Metals ICP-RCRA, Mercury

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for Metals ICP-RCRA, Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010B, digestion based on method 3050 (soils). The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Samples TP3(7-9) and TP4(2-4) were diluted due to high concentrations for Mercury.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike(FILL-DIRT-1MS) analysis met criteria for all samples except for Selenium and Silver.

The Matrix Spike Duplicate(FILL-DIRT-1MSD) analysis met criteria for all samples except for Selenium and Silver.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution(FILL-DIRT-1L) met criteria for all samples except for Chromium.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ *Mildred V Reyes* ___

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: TCLP Mercury, TCLP ICP Metals

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for TCLP Mercury, TCLP ICP Metals.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010B, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4527

Test Name: Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 11/20/2015.

1 Water sample was received on 11/20/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOCMS Group1, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOCMS Group1. This data package contains results for Corrosivity, Ignitability, Reactive Cyanide, Reactive Sulfide.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of Corrosivity was based on method 9045C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: G4527

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: POONAM PATEL

Date: 12/04/2015

2nd Level QA Review Signature:

Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 10:50 am, Dec 04, 2015

Hit Summary Sheet SW-846

SDG No.: G4527

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	TP2(4-6)								
G4527-01	TP2(4-6)	SOIL	Methylene Chloride	50.00		0.68	0.68	6.8	ug/Kg
			Total Voc :	50					
			Total Concentration:	50					
Client ID:	TP3(7-9)								
G4527-02	TP3(7-9)	SOIL	Acetone	62.20		3.4	3.4	33.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	Methylene Chloride	14.80	B	0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	Cyclohexane	16.80		0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	2-Butanone	9.20	J	4.2	10.1	33.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	Methylcyclohexane	63.90		0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	Toluene	3.50	J	0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	m/p-Xylenes	11.60	J	0.97	1.3	13.5	ug/Kg
G4527-02	TP3(7-9)	SOIL	o-Xylene	6.70		0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	Isopropylbenzene	4.40	J	0.65	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	n-propylbenzene	5.70	J	0.49	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	1,3,5-Trimethylbenzene	5.40	J	0.61	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	tert-Butylbenzene	4.80	J	0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	1,2,4-Trimethylbenzene	18.50		0.67	0.67	6.7	ug/Kg
G4527-02	TP3(7-9)	SOIL	sec-Butylbenzene	8.70		0.67	0.67	6.7	ug/Kg
			Total Voc :	236.2					
			Total Concentration:	236.2					
Client ID:	TP4(2-4)								
G4527-03	TP4(2-4)	SOIL	Acetone	25.90	J	4.1	4.1	40.8	ug/Kg
G4527-03	TP4(2-4)	SOIL	Methylene Chloride	16.80	B	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	Chloroform	1.80	J	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	Trichloroethene	5.50	J	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	Toluene	4.40	J	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	Tetrachloroethene	2.70	J	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	m/p-Xylenes	10.60	J	1.2	1.6	16.3	ug/Kg
G4527-03	TP4(2-4)	SOIL	o-Xylene	4.50	J	0.82	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	1,3,5-Trimethylbenzene	2.80	J	0.74	0.82	8.2	ug/Kg
G4527-03	TP4(2-4)	SOIL	1,2,4-Trimethylbenzene	4.90	J	0.82	0.82	8.2	ug/Kg
			Total Voc :	79.9					
			Total Concentration:	79.9					
Client ID:	TP4(2-4)RE								
G4527-03RE	TP4(2-4)RE	SOIL	Acetone	8.30	J	4.1	4.1	41	ug/Kg
G4527-03RE	TP4(2-4)RE	SOIL	Methylene Chloride	4.30	JB	0.82	0.82	8.2	ug/Kg
G4527-03RE	TP4(2-4)RE	SOIL	Chloroform	1.80	J	0.82	0.82	8.2	ug/Kg
G4527-03RE	TP4(2-4)RE	SOIL	Trichloroethene	4.10	J	0.82	0.82	8.2	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: G4527
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
G4527-03RE	TP4(2-4)RE	SOIL	Toluene	2.70	J	0.82	0.82	8.2	ug/Kg
G4527-03RE	TP4(2-4)RE	SOIL	m/p-Xylenes	4.10	J	1.2	1.6	16.4	ug/Kg
Total Voc :				25.3					
Total Concentration:				25.3					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047791.D	1		12/01/15 20:50	VD120115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.68	U	0.68	0.68	6.8	ug/Kg
74-87-3	Chloromethane	0.68	U	0.68	0.68	6.8	ug/Kg
75-01-4	Vinyl Chloride	0.68	U	0.68	0.68	6.8	ug/Kg
74-83-9	Bromomethane	1.4	U	1.4	1.4	6.8	ug/Kg
75-00-3	Chloroethane	0.68	U	0.68	0.68	6.8	ug/Kg
75-69-4	Trichlorofluoromethane	0.68	U	0.68	0.68	6.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.68	U	0.68	0.68	6.8	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	0.68	6.8	ug/Kg
67-64-1	Acetone	3.4	U	3.4	3.4	34	ug/Kg
75-15-0	Carbon Disulfide	0.68	U	0.68	0.68	6.8	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.68	U	0.68	0.68	6.8	ug/Kg
79-20-9	Methyl Acetate	1.4	U	1.4	1.4	6.8	ug/Kg
75-09-2	Methylene Chloride	50		0.68	0.68	6.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	0.68	0.68	6.8	ug/Kg
75-34-3	1,1-Dichloroethane	0.68	U	0.68	0.68	6.8	ug/Kg
110-82-7	Cyclohexane	0.68	U	0.68	0.68	6.8	ug/Kg
78-93-3	2-Butanone	10.2	U	4.2	10.2	34	ug/Kg
56-23-5	Carbon Tetrachloride	0.68	U	0.68	0.68	6.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.68	U	0.68	0.68	6.8	ug/Kg
74-97-5	Bromochloromethane	0.68	UQ	0.68	0.68	6.8	ug/Kg
67-66-3	Chloroform	0.68	U	0.68	0.68	6.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	0.68	6.8	ug/Kg
108-87-2	Methylcyclohexane	0.68	U	0.68	0.68	6.8	ug/Kg
71-43-2	Benzene	0.68	U	0.52	0.68	6.8	ug/Kg
107-06-2	1,2-Dichloroethane	0.68	U	0.68	0.68	6.8	ug/Kg
79-01-6	Trichloroethene	0.68	U	0.68	0.68	6.8	ug/Kg
78-87-5	1,2-Dichloropropane	0.68	U	0.35	0.68	6.8	ug/Kg
75-27-4	Bromodichloromethane	0.68	U	0.68	0.68	6.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.4	U	3.4	3.4	34	ug/Kg
108-88-3	Toluene	0.68	U	0.68	0.68	6.8	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	0.68	6.8	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.68	UQ	0.68	0.68	6.8	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047791.D	1		12/01/15 20:50	VD120115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.4	U	1.2	1.4	6.8	ug/Kg
591-78-6	2-Hexanone	3.4	U	3.4	3.4	34	ug/Kg
124-48-1	Dibromochloromethane	0.68	U	0.68	0.68	6.8	ug/Kg
106-93-4	1,2-Dibromoethane	0.68	U	0.68	0.68	6.8	ug/Kg
127-18-4	Tetrachloroethene	0.68	U	0.68	0.68	6.8	ug/Kg
108-90-7	Chlorobenzene	0.68	U	0.68	0.68	6.8	ug/Kg
100-41-4	Ethyl Benzene	0.68	U	0.68	0.68	6.8	ug/Kg
179601-23-1	m/p-Xylenes	1.4	U	0.98	1.4	13.6	ug/Kg
95-47-6	o-Xylene	0.68	U	0.68	0.68	6.8	ug/Kg
100-42-5	Styrene	0.68	U	0.61	0.68	6.8	ug/Kg
75-25-2	Bromoform	2	U	1	2	6.8	ug/Kg
98-82-8	Isopropylbenzene	0.68	U	0.65	0.68	6.8	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.68	U	0.63	0.68	6.8	ug/Kg
103-65-1	n-propylbenzene	0.68	U	0.49	0.68	6.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.68	U	0.61	0.68	6.8	ug/Kg
98-06-6	tert-Butylbenzene	0.68	U	0.68	0.68	6.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.68	U	0.68	0.68	6.8	ug/Kg
135-98-8	sec-Butylbenzene	0.68	U	0.68	0.68	6.8	ug/Kg
99-87-6	p-Isopropyltoluene	0.68	U	0.39	0.68	6.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.68	U	0.5	0.68	6.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.68	U	0.56	0.68	6.8	ug/Kg
104-51-8	n-Butylbenzene	0.68	U	0.63	0.68	6.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.68	U	0.68	0.68	6.8	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.8	U	1.2	6.8	6.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.68	U	0.68	0.68	6.8	ug/Kg
91-20-3	Naphthalene	0.68	U	0.61	0.68	6.8	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.4	U	0.68	1.4	6.8	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	140	140	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.8		56 - 120		90%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		57 - 135		99%	SPK: 50
2037-26-5	Toluene-d8	39.9		67 - 123		80%	SPK: 50
460-00-4	4-Bromofluorobenzene	62		33 - 141		124%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.5
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047791.D	1		12/01/15 20:50	VD120115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	446265	6.31				
540-36-3	1,4-Difluorobenzene	717231	7.43				
3114-55-4	Chlorobenzene-d5	537378	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	195325	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	25.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047673.D	1		11/24/15 17:01	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.67	U	0.67	0.67	6.7	ug/Kg
74-87-3	Chloromethane	0.67	U	0.67	0.67	6.7	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	0.67	6.7	ug/Kg
74-83-9	Bromomethane	1.3	U	1.3	1.3	6.7	ug/Kg
75-00-3	Chloroethane	0.67	U	0.67	0.67	6.7	ug/Kg
75-69-4	Trichlorofluoromethane	0.67	U	0.67	0.67	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.67	U	0.67	0.67	6.7	ug/Kg
75-35-4	1,1-Dichloroethene	0.67	U	0.67	0.67	6.7	ug/Kg
67-64-1	Acetone	62.2		3.4	3.4	33.7	ug/Kg
75-15-0	Carbon Disulfide	0.67	U	0.67	0.67	6.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.67	U	0.67	0.67	6.7	ug/Kg
79-20-9	Methyl Acetate	1.3	U	1.3	1.3	6.7	ug/Kg
75-09-2	Methylene Chloride	14.8	B	0.67	0.67	6.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.67	U	0.67	0.67	6.7	ug/Kg
75-34-3	1,1-Dichloroethane	0.67	U	0.67	0.67	6.7	ug/Kg
110-82-7	Cyclohexane	16.8		0.67	0.67	6.7	ug/Kg
78-93-3	2-Butanone	9.2	J	4.2	10.1	33.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.67	U	0.67	0.67	6.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.67	U	0.67	0.67	6.7	ug/Kg
74-97-5	Bromochloromethane	0.67	U	0.67	0.67	6.7	ug/Kg
67-66-3	Chloroform	0.67	U	0.67	0.67	6.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.67	U	0.67	0.67	6.7	ug/Kg
108-87-2	Methylcyclohexane	63.9		0.67	0.67	6.7	ug/Kg
71-43-2	Benzene	0.67	U	0.51	0.67	6.7	ug/Kg
107-06-2	1,2-Dichloroethane	0.67	U	0.67	0.67	6.7	ug/Kg
79-01-6	Trichloroethene	0.67	U	0.67	0.67	6.7	ug/Kg
78-87-5	1,2-Dichloropropane	0.67	U	0.35	0.67	6.7	ug/Kg
75-27-4	Bromodichloromethane	0.67	U	0.67	0.67	6.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.4	U	3.4	3.4	33.7	ug/Kg
108-88-3	Toluene	3.5	J	0.67	0.67	6.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.67	U	0.67	0.67	6.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.67	U	0.67	0.67	6.7	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	25.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047673.D	1		11/24/15 17:01	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.3	U	1.2	1.3	6.7	ug/Kg
591-78-6	2-Hexanone	3.4	U	3.4	3.4	33.7	ug/Kg
124-48-1	Dibromochloromethane	0.67	U	0.67	0.67	6.7	ug/Kg
106-93-4	1,2-Dibromoethane	0.67	U	0.67	0.67	6.7	ug/Kg
127-18-4	Tetrachloroethene	0.67	U	0.67	0.67	6.7	ug/Kg
108-90-7	Chlorobenzene	0.67	U	0.67	0.67	6.7	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	0.67	6.7	ug/Kg
179601-23-1	m/p-Xylenes	11.6	J	0.97	1.3	13.5	ug/Kg
95-47-6	o-Xylene	6.7		0.67	0.67	6.7	ug/Kg
100-42-5	Styrene	0.67	U	0.61	0.67	6.7	ug/Kg
75-25-2	Bromoform	2	U	1	2	6.7	ug/Kg
98-82-8	Isopropylbenzene	4.4	J	0.65	0.67	6.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.67	U	0.62	0.67	6.7	ug/Kg
103-65-1	n-propylbenzene	5.7	J	0.49	0.67	6.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.4	J	0.61	0.67	6.7	ug/Kg
98-06-6	tert-Butylbenzene	4.8	J	0.67	0.67	6.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	18.5		0.67	0.67	6.7	ug/Kg
135-98-8	sec-Butylbenzene	8.7		0.67	0.67	6.7	ug/Kg
99-87-6	p-Isopropyltoluene	0.67	U	0.39	0.67	6.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.67	U	0.5	0.67	6.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.67	U	0.55	0.67	6.7	ug/Kg
104-51-8	n-Butylbenzene	0.67	U	0.62	0.67	6.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.67	U	0.67	0.67	6.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.7	U	1.2	6.7	6.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.67	U	0.67	0.67	6.7	ug/Kg
91-20-3	Naphthalene	0.67	U	0.61	0.67	6.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.3	U	0.67	1.3	6.7	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	130	130	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.3		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		57 - 135		98%	SPK: 50
2037-26-5	Toluene-d8	46.6		67 - 123		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	41		33 - 141		82%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	25.9
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047673.D	1		11/24/15 17:01	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	501475	6.26				
540-36-3	1,4-Difluorobenzene	761770	7.38				
3114-55-4	Chlorobenzene-d5	620126	11.55				
3855-82-1	1,4-Dichlorobenzene-d4	184555	13.89				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047674.D	1		11/24/15 17:27	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.82	U	0.82	0.82	8.2	ug/Kg
74-87-3	Chloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-01-4	Vinyl Chloride	0.82	U	0.82	0.82	8.2	ug/Kg
74-83-9	Bromomethane	1.6	U	1.6	1.6	8.2	ug/Kg
75-00-3	Chloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-69-4	Trichlorofluoromethane	0.82	U	0.82	0.82	8.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-35-4	1,1-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
67-64-1	Acetone	25.9	J	4.1	4.1	40.8	ug/Kg
75-15-0	Carbon Disulfide	0.82	U	0.82	0.82	8.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.82	U	0.82	0.82	8.2	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	1.6	8.2	ug/Kg
75-09-2	Methylene Chloride	16.8	B	0.82	0.82	8.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	0.82	8.2	ug/Kg
78-93-3	2-Butanone	12.3	U	5.1	12.3	40.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.82	U	0.82	0.82	8.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
74-97-5	Bromochloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
67-66-3	Chloroform	1.8	J	0.82	0.82	8.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
108-87-2	Methylcyclohexane	0.82	U	0.82	0.82	8.2	ug/Kg
71-43-2	Benzene	0.82	U	0.62	0.82	8.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
79-01-6	Trichloroethene	5.5	J	0.82	0.82	8.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.82	U	0.42	0.82	8.2	ug/Kg
75-27-4	Bromodichloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.1	U	4.1	4.1	40.8	ug/Kg
108-88-3	Toluene	4.4	J	0.82	0.82	8.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	0.82	8.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.82	U	0.82	0.82	8.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047674.D	1		11/24/15 17:27	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.6	U	1.5	1.6	8.2	ug/Kg
591-78-6	2-Hexanone	4.1	U	4.1	4.1	40.8	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.82	U	0.82	0.82	8.2	ug/Kg
127-18-4	Tetrachloroethene	2.7	J	0.82	0.82	8.2	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
100-41-4	Ethyl Benzene	0.82	U	0.82	0.82	8.2	ug/Kg
179601-23-1	m/p-Xylenes	10.6	J	1.2	1.6	16.3	ug/Kg
95-47-6	o-Xylene	4.5	J	0.82	0.82	8.2	ug/Kg
100-42-5	Styrene	0.82	U	0.74	0.82	8.2	ug/Kg
75-25-2	Bromoform	2.5	U	1.2	2.5	8.2	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.78	0.82	8.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.82	U	0.75	0.82	8.2	ug/Kg
103-65-1	n-propylbenzene	0.82	U	0.59	0.82	8.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2.8	J	0.74	0.82	8.2	ug/Kg
98-06-6	tert-Butylbenzene	0.82	U	0.82	0.82	8.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.9	J	0.82	0.82	8.2	ug/Kg
135-98-8	sec-Butylbenzene	0.82	U	0.82	0.82	8.2	ug/Kg
99-87-6	p-Isopropyltoluene	0.82	U	0.47	0.82	8.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	0.6	0.82	8.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.82	U	0.67	0.82	8.2	ug/Kg
104-51-8	n-Butylbenzene	0.82	U	0.75	0.82	8.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	8.2	U	1.4	8.2	8.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
91-20-3	Naphthalene	0.82	U	0.74	0.82	8.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.6	U	0.82	1.6	8.2	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	160	160	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.6		56 - 120		95%	SPK: 50
1868-53-7	Dibromofluoromethane	66.5		57 - 135		133%	SPK: 50
2037-26-5	Toluene-d8	42.7		67 - 123		85%	SPK: 50
460-00-4	4-Bromofluorobenzene	14.6	*	33 - 141		29%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047674.D	1		11/24/15 17:27	VD112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	413587	6.26				
540-36-3	1,4-Difluorobenzene	510690	7.39				
3114-55-4	Chlorobenzene-d5	241346	11.54				
3855-82-1	1,4-Dichlorobenzene-d4	31422	13.89				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)RE	SDG No.:	G4527
Lab Sample ID:	G4527-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047697.D	1		11/25/15 15:44	VD112515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.82	U	0.82	0.82	8.2	ug/Kg
74-87-3	Chloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-01-4	Vinyl Chloride	0.82	U	0.82	0.82	8.2	ug/Kg
74-83-9	Bromomethane	1.6	U	1.6	1.6	8.2	ug/Kg
75-00-3	Chloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-69-4	Trichlorofluoromethane	0.82	U	0.82	0.82	8.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.82	U	0.82	0.82	8.2	ug/Kg
75-35-4	1,1-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
67-64-1	Acetone	8.3	J	4.1	4.1	41	ug/Kg
75-15-0	Carbon Disulfide	0.82	U	0.82	0.82	8.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.82	U	0.82	0.82	8.2	ug/Kg
79-20-9	Methyl Acetate	1.6	U	1.6	1.6	8.2	ug/Kg
75-09-2	Methylene Chloride	4.3	JB	0.82	0.82	8.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
110-82-7	Cyclohexane	0.82	U	0.82	0.82	8.2	ug/Kg
78-93-3	2-Butanone	12.3	U	5.1	12.3	41	ug/Kg
56-23-5	Carbon Tetrachloride	0.82	U	0.82	0.82	8.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
74-97-5	Bromochloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
67-66-3	Chloroform	1.8	J	0.82	0.82	8.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
108-87-2	Methylcyclohexane	0.82	U	0.82	0.82	8.2	ug/Kg
71-43-2	Benzene	0.82	U	0.62	0.82	8.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.82	U	0.82	0.82	8.2	ug/Kg
79-01-6	Trichloroethene	4.1	J	0.82	0.82	8.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.82	U	0.43	0.82	8.2	ug/Kg
75-27-4	Bromodichloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.1	U	4.1	4.1	41	ug/Kg
108-88-3	Toluene	2.7	J	0.82	0.82	8.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	0.82	8.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.82	U	0.82	0.82	8.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)RE	SDG No.:	G4527
Lab Sample ID:	G4527-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047697.D	1		11/25/15 15:44	VD112515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.6	U	1.5	1.6	8.2	ug/Kg
591-78-6	2-Hexanone	4.1	U	4.1	4.1	41	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	0.82	8.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.82	U	0.82	0.82	8.2	ug/Kg
127-18-4	Tetrachloroethene	0.82	U	0.82	0.82	8.2	ug/Kg
108-90-7	Chlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
100-41-4	Ethyl Benzene	0.82	U	0.82	0.82	8.2	ug/Kg
179601-23-1	m/p-Xylenes	4.1	J	1.2	1.6	16.4	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	0.82	8.2	ug/Kg
100-42-5	Styrene	0.82	U	0.74	0.82	8.2	ug/Kg
75-25-2	Bromoform	2.5	U	1.2	2.5	8.2	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.79	0.82	8.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.82	U	0.75	0.82	8.2	ug/Kg
103-65-1	n-propylbenzene	0.82	U	0.59	0.82	8.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.82	U	0.74	0.82	8.2	ug/Kg
98-06-6	tert-Butylbenzene	0.82	U	0.82	0.82	8.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.82	U	0.82	0.82	8.2	ug/Kg
135-98-8	sec-Butylbenzene	0.82	U	0.82	0.82	8.2	ug/Kg
99-87-6	p-Isopropyltoluene	0.82	U	0.48	0.82	8.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.82	U	0.61	0.82	8.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.82	U	0.67	0.82	8.2	ug/Kg
104-51-8	n-Butylbenzene	0.82	U	0.75	0.82	8.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	8.2	U	1.4	8.2	8.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	0.82	8.2	ug/Kg
91-20-3	Naphthalene	0.82	U	0.74	0.82	8.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.6	U	0.82	1.6	8.2	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	160	160	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.2		56 - 120		88%	SPK: 50
1868-53-7	Dibromofluoromethane	58.5		57 - 135		117%	SPK: 50
2037-26-5	Toluene-d8	48.1		67 - 123		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.6		33 - 141		43%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)RE	SDG No.:	G4527
Lab Sample ID:	G4527-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	38.9
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD047697.D	1		11/25/15 15:44	VD112515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	428762	6.23				
540-36-3	1,4-Difluorobenzene	540798	7.37				
3114-55-4	Chlorobenzene-d5	333812	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	65339	13.87				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TB	SDG No.:	G4527
Lab Sample ID:	G4527-11	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029194.D	1		12/02/15 11:50	VN120215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	0.5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	0.5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	0.5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	2.5	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	2	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	0.5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	0.5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	2.5	25	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TB	SDG No.:	G4527
Lab Sample ID:	G4527-11	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029194.D	1		12/02/15 11:50	VN120215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	3.8	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	0.5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	0.5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	0.5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	0.5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	0.5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	0.5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	0.5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	0.5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.6		61 - 141		87%	SPK: 50
1868-53-7	Dibromofluoromethane	43.5		69 - 133		87%	SPK: 50
2037-26-5	Toluene-d8	44.5		65 - 126		89%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		58 - 135		87%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TB	SDG No.:	G4527
Lab Sample ID:	G4527-11	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029194.D	1		12/02/15 11:50	VN120215

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	908382	7.75				
540-36-3	1,4-Difluorobenzene	1436600	8.68				
3114-55-4	Chlorobenzene-d5	1242070	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	519103	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-01	TP2(4-6)	SOIL	VOCMS Group1	8260C	11/18/15		12/01/15	11/20/15
G4527-02	TP3(7-9)	SOIL	VOCMS Group1	8260C	11/18/15		11/24/15	11/20/15
G4527-03	TP4(2-4)	SOIL	VOCMS Group1	8260C	11/18/15		11/24/15	11/20/15
G4527-03RE	TP4(2-4)RE	SOIL	VOCMS Group1	8260C	11/18/15		11/25/15	11/20/15
G4527-09	TP3(GREASE CYLINDER)	TCLP	TCLP VOA	8260C	11/18/15		11/24/15	11/20/15
G4527-11	TB	Water	VOCMS Group1	8260C	11/18/15		12/02/15	11/20/15

Hit Summary Sheet
SW-846

SDG No.: G4527
Client: LaBella Associates P.C.

A
B
C
D

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-----	-------

Client ID:

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	TCLP
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057492.D	5		11/24/15 19:25	VH112415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	2.5	U	1.7	2.5	25	ug/L
75-35-4	1,1-Dichloroethene	2.5	U	2.4	2.5	25	ug/L
78-93-3	2-Butanone	12.5	U	6.6	12.5	130	ug/L
56-23-5	Carbon Tetrachloride	2.5	U	1	2.5	25	ug/L
67-66-3	Chloroform	2.5	U	1.7	2.5	25	ug/L
71-43-2	Benzene	2.5	U	1.6	2.5	25	ug/L
107-06-2	1,2-Dichloroethane	3.8	U	2.4	3.8	25	ug/L
79-01-6	Trichloroethene	2.5	U	1.4	2.5	25	ug/L
127-18-4	Tetrachloroethene	2.5	U	1.4	2.5	25	ug/L
108-90-7	Chlorobenzene	2.5	U	2.5	2.5	25	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.6		61 - 141		79%	SPK: 50
1868-53-7	Dibromofluoromethane	50		69 - 133		100%	SPK: 50
2037-26-5	Toluene-d8	48.1		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		58 - 135		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	596981	4.82				
540-36-3	1,4-Difluorobenzene	989454	5.53				
3114-55-4	Chlorobenzene-d5	725883	9.69				
3855-82-1	1,4-Dichlorobenzene-d4	221663	12.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-09	TP3(GREASE CYLINDER)	TCLP	TCLP VOA	8260C	11/18/15		11/24/15	11/20/15



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: G4527
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TP2(4-6)									
G4527-01	TP2(4-6)	SOIL	Dimethylphthalate	790.000		12.2	45.2	450	ug/Kg
			Total Svoc :			790.00			
			Total Concentration:			790.00			
Client ID : TP3(7-9)									
G4527-02	TP3(7-9)	SOIL	Dimethylphthalate	810.000		12.1	44.9	440	ug/Kg
			Total Svoc :			810.00			
			Total Concentration:			810.00			
Client ID : TP4(2-4)									
G4527-03	TP4(2-4)	SOIL	Dimethylphthalate	1,300.000		14.7	54.6	540	ug/Kg
			Total Svoc :			1,300.00			
			Total Concentration:			1,300.00			

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083389.D	1	11/25/15 09:41	12/01/15 23:29	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	45.2	U	23.6	45.2	450	ug/Kg
108-95-2	Phenol	45.2	U	10.4	45.2	450	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	45.2	U	21.7	45.2	450	ug/Kg
95-57-8	2-Chlorophenol	45.2	U	23.9	45.2	450	ug/Kg
95-48-7	2-Methylphenol	45.2	U	24.6	45.2	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.2	U	18.7	45.2	450	ug/Kg
98-86-2	Acetophenone	45.2	U	13.8	45.2	450	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	23.5	45.2	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.2	U	22.8	45.2	450	ug/Kg
67-72-1	Hexachloroethane	45.2	U	20.2	45.2	450	ug/Kg
98-95-3	Nitrobenzene	45.2	U	17.1	45.2	450	ug/Kg
78-59-1	Isophorone	45.2	U	14.9	45.2	450	ug/Kg
88-75-5	2-Nitrophenol	45.2	U	21.8	45.2	450	ug/Kg
105-67-9	2,4-Dimethylphenol	45.2	U	25.6	45.2	450	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	45.2	U	26	45.2	450	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	17.2	45.2	450	ug/Kg
91-20-3	Naphthalene	45.2	U	15.6	45.2	450	ug/Kg
106-47-8	4-Chloroaniline	45.2	U	31.9	45.2	450	ug/Kg
87-68-3	Hexachlorobutadiene	45.2	U	16.4	45.2	450	ug/Kg
105-60-2	Caprolactam	90.4	U	21	90.4	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45.2	U	20.1	45.2	450	ug/Kg
91-57-6	2-Methylnaphthalene	45.2	U	11.4	45.2	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	45.2	U	11	45.2	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.2	U	13.8	45.2	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.2	U	31.7	45.2	450	ug/Kg
92-52-4	1,1-Biphenyl	45.2	U	17.1	45.2	450	ug/Kg
91-58-7	2-Chloronaphthalene	45.2	U	10.3	45.2	450	ug/Kg
88-74-4	2-Nitroaniline	45.2	U	20.1	45.2	450	ug/Kg
131-11-3	Dimethylphthalate	790		12.2	45.2	450	ug/Kg
208-96-8	Acenaphthylene	45.2	U	11.4	45.2	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	45.2	U	18.4	45.2	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083389.D	1	11/25/15 09:41	12/01/15 23:29	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	90.4	U	29	90.4	450	ug/Kg
83-32-9	Acenaphthene	45.2	U	12.8	45.2	450	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	46	360	450	ug/Kg
100-02-7	4-Nitrophenol	230	U	84	230	450	ug/Kg
132-64-9	Dibenzofuran	45.2	U	17.6	45.2	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	45.2	U	13.6	45.2	450	ug/Kg
84-66-2	Diethylphthalate	45.2	U	7.1	45.2	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45.2	U	24.6	45.2	450	ug/Kg
86-73-7	Fluorene	45.2	U	17.1	45.2	450	ug/Kg
100-01-6	4-Nitroaniline	90.4	U	58.9	90.4	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	25.9	230	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	45.2	U	10.9	45.2	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45.2	U	8.8	45.2	450	ug/Kg
118-74-1	Hexachlorobenzene	45.2	U	18.4	45.2	450	ug/Kg
1912-24-9	Atrazine	45.2	U	23.9	45.2	450	ug/Kg
87-86-5	Pentachlorophenol	45.2	U	30.9	45.2	450	ug/Kg
85-01-8	Phenanthrene	45.2	U	12.2	45.2	450	ug/Kg
120-12-7	Anthracene	45.2	U	9.2	45.2	450	ug/Kg
86-74-8	Carbazole	45.2	U	9.9	45.2	450	ug/Kg
84-74-2	Di-n-butylphthalate	45.2	U	35.5	45.2	450	ug/Kg
206-44-0	Fluoranthene	45.2	U	9.1	45.2	450	ug/Kg
129-00-0	Pyrene	45.2	U	10.9	45.2	450	ug/Kg
85-68-7	Butylbenzylphthalate	45.2	U	21.7	45.2	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45.2	U	29	45.2	450	ug/Kg
56-55-3	Benzo(a)anthracene	45.2	U	21.6	45.2	450	ug/Kg
218-01-9	Chrysene	45.2	U	20.5	45.2	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45.2	U	16	45.2	450	ug/Kg
117-84-0	Di-n-octyl phthalate	45.2	U	5.2	45.2	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	45.2	U	14.8	45.2	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	45.2	U	21.3	45.2	450	ug/Kg
50-32-8	Benzo(a)pyrene	45.2	U	9.8	45.2	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45.2	U	15.1	45.2	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45.2	U	13	45.2	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083389.D	1	11/25/15 09:41	12/01/15 23:29	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	45.2	U	18.3	45.2	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45.2	U	17.8	45.2	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45.2	U	17.8	45.2	450	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		73%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		81%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		31 - 132		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.1		39 - 123		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83		30 - 133		55%	SPK: 150
1718-51-0	Terphenyl-d14	84		37 - 115		84%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168015	6.54				
1146-65-2	Naphthalene-d8	654833	7.84				
15067-26-2	Acenaphthene-d10	328845	9.58				
1517-22-2	Phenanthrene-d10	587790	11.13				
1719-03-5	Chrysene-d12	453965	14.74				
1520-96-3	Perylene-d12	357019	16.81				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	25.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083390.D	1	11/25/15 09:41	12/01/15 23:59	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	44.9	U	23.5	44.9	440	ug/Kg
108-95-2	Phenol	44.9	U	10.4	44.9	440	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	44.9	U	21.6	44.9	440	ug/Kg
95-57-8	2-Chlorophenol	44.9	U	23.7	44.9	440	ug/Kg
95-48-7	2-Methylphenol	44.9	U	24.4	44.9	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.9	U	18.6	44.9	440	ug/Kg
98-86-2	Acetophenone	44.9	U	13.8	44.9	440	ug/Kg
65794-96-9	3+4-Methylphenols	44.9	U	23.3	44.9	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	22.6	44.9	440	ug/Kg
67-72-1	Hexachloroethane	44.9	U	20.1	44.9	440	ug/Kg
98-95-3	Nitrobenzene	44.9	U	17	44.9	440	ug/Kg
78-59-1	Isophorone	44.9	U	14.8	44.9	440	ug/Kg
88-75-5	2-Nitrophenol	44.9	U	21.7	44.9	440	ug/Kg
105-67-9	2,4-Dimethylphenol	44.9	U	25.5	44.9	440	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	44.9	U	25.9	44.9	440	ug/Kg
120-83-2	2,4-Dichlorophenol	44.9	U	17.1	44.9	440	ug/Kg
91-20-3	Naphthalene	44.9	U	15.5	44.9	440	ug/Kg
106-47-8	4-Chloroaniline	44.9	U	31.7	44.9	440	ug/Kg
87-68-3	Hexachlorobutadiene	44.9	U	16.3	44.9	440	ug/Kg
105-60-2	Caprolactam	89.9	U	20.9	89.9	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44.9	U	20	44.9	440	ug/Kg
91-57-6	2-Methylnaphthalene	44.9	U	11.3	44.9	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	44.9	U	10.9	44.9	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.9	U	13.8	44.9	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.9	U	31.5	44.9	440	ug/Kg
92-52-4	1,1-Biphenyl	44.9	U	17	44.9	440	ug/Kg
91-58-7	2-Chloronaphthalene	44.9	U	10.2	44.9	440	ug/Kg
88-74-4	2-Nitroaniline	44.9	U	20	44.9	440	ug/Kg
131-11-3	Dimethylphthalate	810		12.1	44.9	440	ug/Kg
208-96-8	Acenaphthylene	44.9	U	11.3	44.9	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	44.9	U	18.3	44.9	440	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	25.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083390.D	1	11/25/15 09:41	12/01/15 23:59	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	89.9	U	28.9	89.9	440	ug/Kg
83-32-9	Acenaphthene	44.9	U	12.7	44.9	440	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	45.7	360	440	ug/Kg
100-02-7	4-Nitrophenol	220	U	83.5	220	440	ug/Kg
132-64-9	Dibenzofuran	44.9	U	17.5	44.9	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	44.9	U	13.5	44.9	440	ug/Kg
84-66-2	Diethylphthalate	44.9	U	7	44.9	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44.9	U	24.4	44.9	440	ug/Kg
86-73-7	Fluorene	44.9	U	17	44.9	440	ug/Kg
100-01-6	4-Nitroaniline	89.9	U	58.5	89.9	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	25.8	220	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	44.9	U	10.8	44.9	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44.9	U	8.8	44.9	440	ug/Kg
118-74-1	Hexachlorobenzene	44.9	U	18.3	44.9	440	ug/Kg
1912-24-9	Atrazine	44.9	U	23.7	44.9	440	ug/Kg
87-86-5	Pentachlorophenol	44.9	U	30.7	44.9	440	ug/Kg
85-01-8	Phenanthrene	44.9	U	12.1	44.9	440	ug/Kg
120-12-7	Anthracene	44.9	U	9.2	44.9	440	ug/Kg
86-74-8	Carbazole	44.9	U	9.8	44.9	440	ug/Kg
84-74-2	Di-n-butylphthalate	44.9	U	35.3	44.9	440	ug/Kg
206-44-0	Fluoranthene	44.9	U	9	44.9	440	ug/Kg
129-00-0	Pyrene	44.9	U	10.8	44.9	440	ug/Kg
85-68-7	Butylbenzylphthalate	44.9	U	21.6	44.9	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44.9	U	28.9	44.9	440	ug/Kg
56-55-3	Benzo(a)anthracene	44.9	U	21.4	44.9	440	ug/Kg
218-01-9	Chrysene	44.9	U	20.4	44.9	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44.9	U	15.9	44.9	440	ug/Kg
117-84-0	Di-n-octyl phthalate	44.9	U	5.1	44.9	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	44.9	U	14.7	44.9	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	44.9	U	21.2	44.9	440	ug/Kg
50-32-8	Benzo(a)pyrene	44.9	U	9.7	44.9	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44.9	U	15	44.9	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44.9	U	12.9	44.9	440	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	25.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083390.D	1	11/25/15 09:41	12/01/15 23:59	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	44.9	U	18.2	44.9	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44.9	U	17.7	44.9	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.9	U	17.7	44.9	440	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		80%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.5		31 - 132		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		39 - 123		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		70%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		37 - 115		72%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177122	6.54				
1146-65-2	Naphthalene-d8	617661	7.84				
15067-26-2	Acenaphthene-d10	286148	9.58				
1517-22-2	Phenanthrene-d10	413870	11.14				
1719-03-5	Chrysene-d12	321459	14.83				
1520-96-3	Perylene-d12	354925	16.9				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	38.9
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083391.D	1	11/25/15 09:41	12/02/15 00:30	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	54.6	U	28.5	54.6	540	ug/Kg
108-95-2	Phenol	54.6	U	12.6	54.6	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	26.2	54.6	540	ug/Kg
95-57-8	2-Chlorophenol	54.6	U	28.8	54.6	540	ug/Kg
95-48-7	2-Methylphenol	54.6	U	29.6	54.6	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.6	U	22.6	54.6	540	ug/Kg
98-86-2	Acetophenone	54.6	U	16.7	54.6	540	ug/Kg
65794-96-9	3+4-Methylphenols	54.6	U	28.3	54.6	540	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.6	U	27.5	54.6	540	ug/Kg
67-72-1	Hexachloroethane	54.6	U	24.4	54.6	540	ug/Kg
98-95-3	Nitrobenzene	54.6	U	20.6	54.6	540	ug/Kg
78-59-1	Isophorone	54.6	U	18	54.6	540	ug/Kg
88-75-5	2-Nitrophenol	54.6	U	26.4	54.6	540	ug/Kg
105-67-9	2,4-Dimethylphenol	54.6	U	30.9	54.6	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.6	U	31.4	54.6	540	ug/Kg
120-83-2	2,4-Dichlorophenol	54.6	U	20.8	54.6	540	ug/Kg
91-20-3	Naphthalene	54.6	U	18.8	54.6	540	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	38.5	54.6	540	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	19.8	54.6	540	ug/Kg
105-60-2	Caprolactam	110	U	25.4	110	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.6	U	24.2	54.6	540	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	13.7	54.6	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	54.6	U	13.3	54.6	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.6	U	16.7	54.6	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.6	U	38.3	54.6	540	ug/Kg
92-52-4	1,1-Biphenyl	54.5	U	20.6	54.5	540	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	12.4	54.6	540	ug/Kg
88-74-4	2-Nitroaniline	54.6	U	24.2	54.6	540	ug/Kg
131-11-3	Dimethylphthalate	1300		14.7	54.6	540	ug/Kg
208-96-8	Acenaphthylene	54.6	U	13.7	54.6	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	22.3	54.6	540	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	38.9
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083391.D	1	11/25/15 09:41	12/02/15 00:30	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	110	U	35	110	540	ug/Kg
83-32-9	Acenaphthene	54.6	U	15.4	54.6	540	ug/Kg
51-28-5	2,4-Dinitrophenol	440	U	55.5	440	540	ug/Kg
100-02-7	4-Nitrophenol	270	U	100	270	540	ug/Kg
132-64-9	Dibenzofuran	54.6	U	21.3	54.6	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.6	U	16.4	54.6	540	ug/Kg
84-66-2	Diethylphthalate	54.6	U	8.5	54.6	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	29.6	54.6	540	ug/Kg
86-73-7	Fluorene	54.6	U	20.6	54.6	540	ug/Kg
100-01-6	4-Nitroaniline	110	U	71	110	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	31.3	270	540	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.6	U	13.1	54.6	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.6	U	10.6	54.6	540	ug/Kg
118-74-1	Hexachlorobenzene	54.6	U	22.3	54.6	540	ug/Kg
1912-24-9	Atrazine	54.6	U	28.8	54.6	540	ug/Kg
87-86-5	Pentachlorophenol	54.6	U	37.3	54.6	540	ug/Kg
85-01-8	Phenanthrene	54.6	U	14.7	54.6	540	ug/Kg
120-12-7	Anthracene	54.6	U	11.1	54.6	540	ug/Kg
86-74-8	Carbazole	54.6	U	11.9	54.6	540	ug/Kg
84-74-2	Di-n-butylphthalate	54.6	U	42.9	54.6	540	ug/Kg
206-44-0	Fluoranthene	54.6	U	11	54.6	540	ug/Kg
129-00-0	Pyrene	54.6	U	13.1	54.6	540	ug/Kg
85-68-7	Butylbenzylphthalate	54.6	U	26.2	54.6	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54.6	U	35	54.6	540	ug/Kg
56-55-3	Benzo(a)anthracene	54.6	U	26	54.6	540	ug/Kg
218-01-9	Chrysene	54.6	U	24.7	54.6	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	19.3	54.6	540	ug/Kg
117-84-0	Di-n-octyl phthalate	54.6	U	6.2	54.6	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	17.8	54.6	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	U	25.7	54.6	540	ug/Kg
50-32-8	Benzo(a)pyrene	54.6	U	11.8	54.6	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.6	U	18.2	54.6	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	15.7	54.6	540	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	38.9
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083391.D	1	11/25/15 09:41	12/02/15 00:30	PB86903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	54.6	U	22.1	54.6	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.6	U	21.4	54.6	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	21.4	54.6	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		72%	SPK: 150
13127-88-3	Phenol-d6	110		34 - 127		74%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.6		31 - 132		69%	SPK: 100
321-60-8	2-Fluorobiphenyl	72		39 - 123		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.8		30 - 133		53%	SPK: 150
1718-51-0	Terphenyl-d14	82.5		37 - 115		83%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166564	6.54				
1146-65-2	Naphthalene-d8	675934	7.84				
15067-26-2	Acenaphthene-d10	345335	9.58				
1517-22-2	Phenanthrene-d10	629365	11.13				
1719-03-5	Chrysene-d12	438186	14.75				
1520-96-3	Perylene-d12	393112	16.82				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-01	TP2(4-6)	SOIL			11/18/15			11/20/15
			SVOCMS Group1	8270D		11/25/15	12/01/15	
G4527-02	TP3(7-9)	SOIL			11/18/15			11/20/15
			SVOCMS Group1	8270D		11/25/15	12/01/15	
G4527-03	TP4(2-4)	SOIL			11/18/15			11/20/15
			SVOCMS Group1	8270D		11/25/15	12/02/15	
G4527-09	TP3(GREASE CYLINDER)	TCLP			11/18/15			11/20/15
			TCLP BNA	8270D		11/23/15	11/25/15	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: G4527
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	TP3(GREASE CYLINDER)								
G4527-09	TP3(GREASE CYLINDER)	TCLP	2-Methylphenol	30.200	J	2.4	10	100	ug/L
G4527-09	TP3(GREASE CYLINDER)	TCLP	3+4-Methylphenols	80.300	J	3.8	10	100	ug/L
Total Svoc :				110.50					
Total Concentration:				110.50					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083257.D	1	11/23/15 10:48	11/25/15 01:06	PB86825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	10	U	2	10	100	ug/L
95-48-7	2-Methylphenol	30.2	J	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	80.3	J	3.8	10	100	ug/L
67-72-1	Hexachloroethane	10	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	10	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	10	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	10	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130		10 - 130		86%	SPK: 150
13127-88-3	Phenol-d6	130		10 - 130		88%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.4		36 - 131		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.6		39 - 131		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		25 - 155		87%	SPK: 150
1718-51-0	Terphenyl-d14	89.6		23 - 130		90%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	179593	6.6				
1146-65-2	Naphthalene-d8	711396	7.9				
15067-26-2	Acenaphthene-d10	360407	9.64				
1517-22-2	Phenanthrene-d10	652417	11.12				
1719-03-5	Chrysene-d12	545844	13.75				
1520-96-3	Perylene-d12	403244	15.11				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083257.D	1	11/23/15 10:48	11/25/15 01:06	PB86825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/23/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/23/15
Client Sample ID:	PB86825TB	SDG No.:	G4527
Lab Sample ID:	PB86825TB	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083247.D	1	11/23/15 10:48	11/24/15 20:12	PB86825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	10	U	10	10	100	ug/L
106-46-7	1,4-Dichlorobenzene	10	U	2	10	100	ug/L
95-48-7	2-Methylphenol	10	U	2.4	10	100	ug/L
65794-96-9	3+4-Methylphenols	10	U	3.8	10	100	ug/L
67-72-1	Hexachloroethane	10	U	2.5	10	100	ug/L
98-95-3	Nitrobenzene	10	U	6.8	10	100	ug/L
87-68-3	Hexachlorobutadiene	10	U	2.5	10	100	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	5.6	10	100	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	4	10	100	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	10	10	100	ug/L
118-74-1	Hexachlorobenzene	10	U	1.8	10	100	ug/L
87-86-5	Pentachlorophenol	10	U	10	10	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		10 - 130		75%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 130		75%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9		36 - 131		76%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.2		39 - 131		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		25 - 155		72%	SPK: 150
1718-51-0	Terphenyl-d14	77.2		23 - 130		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176047	6.6				
1146-65-2	Naphthalene-d8	654127	7.9				
15067-26-2	Acenaphthene-d10	339926	9.64				
1517-22-2	Phenanthrene-d10	633253	11.12				
1719-03-5	Chrysene-d12	562013	13.75				
1520-96-3	Perylene-d12	419063	15.11				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/23/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/23/15
Client Sample ID:	PB86825TB	SDG No.:	G4527
Lab Sample ID:	PB86825TB	Matrix:	TCLP
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083247.D	1	11/23/15 10:48	11/24/15 20:12	PB86825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-09	TP3(GREASE CYLINDER)	TCLP	TCLP BNA	8270D	11/18/15	11/23/15	11/25/15	11/20/15

Hit Summary Sheet
SW-846

SDG No.:

Order ID:

Client:

Project ID:

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	26.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025954.D	1	11/24/15 08:15	11/25/15 11:19	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.5	U	4.5	4.5	23.1	ug/kg
11104-28-2	Aroclor-1221	4.5	U	4.5	4.5	23.1	ug/kg
11141-16-5	Aroclor-1232	4.5	U	4.5	4.5	23.1	ug/kg
53469-21-9	Aroclor-1242	4.5	U	4.5	4.5	23.1	ug/kg
12672-29-6	Aroclor-1248	4.5	U	4.5	4.5	23.1	ug/kg
11097-69-1	Aroclor-1254	4.5	U	2	4.5	23.1	ug/kg
37324-23-5	Aroclor-1262	4.5	U	4.5	4.5	23.1	ug/kg
11100-14-4	Aroclor-1268	4.5	U	4.5	4.5	23.1	ug/kg
11096-82-5	Aroclor-1260	4.5	U	4.5	4.5	23.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17		10 - 166		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 125		88%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	25.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025955.D	1	11/24/15 08:15	11/25/15 11:34	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.5	U	4.5	4.5	22.9	ug/kg
11104-28-2	Aroclor-1221	4.5	U	4.5	4.5	22.9	ug/kg
11141-16-5	Aroclor-1232	4.5	U	4.5	4.5	22.9	ug/kg
53469-21-9	Aroclor-1242	4.5	U	4.5	4.5	22.9	ug/kg
12672-29-6	Aroclor-1248	4.5	U	4.5	4.5	22.9	ug/kg
11097-69-1	Aroclor-1254	4.5	U	2	4.5	22.9	ug/kg
37324-23-5	Aroclor-1262	4.5	U	4.5	4.5	22.9	ug/kg
11100-14-4	Aroclor-1268	4.5	U	4.5	4.5	22.9	ug/kg
11096-82-5	Aroclor-1260	4.5	U	4.5	4.5	22.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	12.5		10 - 166		62%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.83	*	60 - 125		44%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)RE	SDG No.:	G4527
Lab Sample ID:	G4527-02RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	25.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025956.D	1	11/24/15 08:15	11/25/15 11:51	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.5	U	4.5	4.5	22.9	ug/kg
11104-28-2	Aroclor-1221	4.5	U	4.5	4.5	22.9	ug/kg
11141-16-5	Aroclor-1232	4.5	U	4.5	4.5	22.9	ug/kg
53469-21-9	Aroclor-1242	4.5	U	4.5	4.5	22.9	ug/kg
12672-29-6	Aroclor-1248	4.5	U	4.5	4.5	22.9	ug/kg
11097-69-1	Aroclor-1254	4.5	U	2	4.5	22.9	ug/kg
37324-23-5	Aroclor-1262	4.5	U	4.5	4.5	22.9	ug/kg
11100-14-4	Aroclor-1268	4.5	U	4.5	4.5	22.9	ug/kg
11096-82-5	Aroclor-1260	4.5	U	4.5	4.5	22.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	12.1		10 - 166		61%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.45	*	60 - 125		42%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	38.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025946.D	1	11/24/15 08:15	11/24/15 18:30	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	5.4	U	5.4	5.4	27.8	ug/kg
11104-28-2	Aroclor-1221	5.4	U	5.4	5.4	27.8	ug/kg
11141-16-5	Aroclor-1232	5.4	U	5.4	5.4	27.8	ug/kg
53469-21-9	Aroclor-1242	5.4	U	5.4	5.4	27.8	ug/kg
12672-29-6	Aroclor-1248	5.4	U	5.4	5.4	27.8	ug/kg
11097-69-1	Aroclor-1254	5.4	U	2.4	5.4	27.8	ug/kg
37324-23-5	Aroclor-1262	5.4	U	5.4	5.4	27.8	ug/kg
11100-14-4	Aroclor-1268	5.4	U	5.4	5.4	27.8	ug/kg
11096-82-5	Aroclor-1260	5.4	U	5.4	5.4	27.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		10 - 166		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.9		60 - 125		65%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025947.D	1	11/24/15 08:15	11/24/15 18:46	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	97.9	U	97.9	97.9	500	ug/kg
11104-28-2	Aroclor-1221	97.9	U	97.9	97.9	500	ug/kg
11141-16-5	Aroclor-1232	97.9	U	97.9	97.9	500	ug/kg
53469-21-9	Aroclor-1242	97.9	U	97.9	97.9	500	ug/kg
12672-29-6	Aroclor-1248	97.9	U	97.9	97.9	500	ug/kg
11097-69-1	Aroclor-1254	97.9	U	43.8	97.9	500	ug/kg
37324-23-5	Aroclor-1262	97.9	U	97.9	97.9	500	ug/kg
11100-14-4	Aroclor-1268	97.9	U	97.9	97.9	500	ug/kg
11096-82-5	Aroclor-1260	97.9	U	97.9	97.9	500	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.3		10 - 166		71%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.35	*	60 - 125		37%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)RE	SDG No.:	G4527
Lab Sample ID:	G4527-09RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO025957.D	1	11/24/15 08:15	11/25/15 12:06	PB86850

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	97.9	U	97.9	97.9	500	ug/kg
11104-28-2	Aroclor-1221	97.9	U	97.9	97.9	500	ug/kg
11141-16-5	Aroclor-1232	97.9	U	97.9	97.9	500	ug/kg
53469-21-9	Aroclor-1242	97.9	U	97.9	97.9	500	ug/kg
12672-29-6	Aroclor-1248	97.9	U	97.9	97.9	500	ug/kg
11097-69-1	Aroclor-1254	97.9	U	43.8	97.9	500	ug/kg
37324-23-5	Aroclor-1262	97.9	U	97.9	97.9	500	ug/kg
11100-14-4	Aroclor-1268	97.9	U	97.9	97.9	500	ug/kg
11096-82-5	Aroclor-1260	97.9	U	97.9	97.9	500	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	11.5		10 - 166		57%	SPK: 20
2051-24-3	Decachlorobiphenyl	6.39	*	60 - 125		32%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-01	TP2(4-6)	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/25/15	
G4527-02	TP3(7-9)	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/25/15	
G4527-02RE	TP3(7-9)RE	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/25/15	
G4527-03	TP4(2-4)	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/24/15	
G4527-09	TP3(GREASE CYLINDER)	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/24/15	
			TPH GC	8015B		11/24/15	11/25/15	
G4527-09RE	TP3(GREASE CYLINDER)RE	SOIL			11/18/15			11/20/15
			PCB	8082A		11/24/15	11/25/15	

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	SOIL
Analytical Method:	8015B TPH	% Moisture:	0
Sample Wt/Vol:	1.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FE014089.D	100	11/24/15 08:47	11/25/15 15:07	PB86882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
PHC	Petroleum Hydrocarbons	153557692		4130000	4130000	8170000	ug/kg
SURROGATES							
16416-32-3	TETRACOSANE-d50	0	*	37 - 130		0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-09	TP3(GREASE CYLINDER)	SOIL	TPH GC	8015B	11/18/15	11/24/15	11/25/15	11/20/15

Hit Summary Sheet SW-846

SDG No.: G4527

Order ID: G4527

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TP2(4-6)									
G4527-01	TP2(4-6)	SOIL	Arsenic	5.000		0.285	0.285	1.14	mg/Kg
G4527-01	TP2(4-6)	SOIL	Barium	59.200		0.455	1.42	5.69	mg/Kg
G4527-01	TP2(4-6)	SOIL	Cadmium	0.301	J	0.068	0.085	0.342	mg/Kg
G4527-01	TP2(4-6)	SOIL	Chromium	11.300		0.142	0.142	0.569	mg/Kg
G4527-01	TP2(4-6)	SOIL	Lead	56.100		0.137	0.285	0.683	mg/Kg
G4527-01	TP2(4-6)	SOIL	Mercury	0.342		0.009	0.009	0.018	mg/Kg
G4527-01	TP2(4-6)	SOIL	Silver	1.700		0.142	0.142	0.569	mg/Kg
Client ID : TP3(7-9)									
G4527-02	TP3(7-9)	SOIL	Arsenic	8.540		0.278	0.278	1.11	mg/Kg
G4527-02	TP3(7-9)	SOIL	Barium	95.800		0.444	1.39	5.55	mg/Kg
G4527-02	TP3(7-9)	SOIL	Cadmium	0.892		0.067	0.083	0.333	mg/Kg
G4527-02	TP3(7-9)	SOIL	Chromium	15.500		0.139	0.139	0.555	mg/Kg
G4527-02	TP3(7-9)	SOIL	Lead	123.000		0.133	0.278	0.666	mg/Kg
G4527-02	TP3(7-9)	SOIL	Mercury	2.480	D	0.041	0.041	0.083	mg/Kg
G4527-02	TP3(7-9)	SOIL	Silver	2.990		0.139	0.139	0.555	mg/Kg
Client ID : TP4(2-4)									
G4527-03	TP4(2-4)	SOIL	Arsenic	174.000		0.338	0.338	1.35	mg/Kg
G4527-03	TP4(2-4)	SOIL	Barium	261.000		0.541	1.69	6.76	mg/Kg
G4527-03	TP4(2-4)	SOIL	Cadmium	1.730		0.081	0.101	0.406	mg/Kg
G4527-03	TP4(2-4)	SOIL	Chromium	25.700		0.169	0.169	0.676	mg/Kg
G4527-03	TP4(2-4)	SOIL	Lead	1,070.000		0.162	0.338	0.812	mg/Kg
G4527-03	TP4(2-4)	SOIL	Mercury	4.880	D	0.099	0.099	0.198	mg/Kg
G4527-03	TP4(2-4)	SOIL	Silver	6.920		0.169	0.169	0.676	mg/Kg

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP2(4-6)	SDG No.:	G4527
Lab Sample ID:	G4527-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	73.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5		1	0.285	0.285	1.14	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7440-39-3	Barium	59.2		1	0.455	1.42	5.69	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7440-43-9	Cadmium	0.301	J	1	0.068	0.085	0.342	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7440-47-3	Chromium	11.3		1	0.142	0.142	0.569	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7439-92-1	Lead	56.1		1	0.137	0.285	0.683	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7439-97-6	Mercury	0.342		1	0.009	0.009	0.018	mg/Kg	11/20/15 14:59	11/23/15 20:02	SW7471A
7782-49-2	Selenium	0.285	UN	1	0.285	0.285	1.14	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010
7440-22-4	Silver	1.7	N	1	0.142	0.142	0.569	mg/Kg	11/23/15 12:00	11/24/15 12:26	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(7-9)	SDG No.:	G4527
Lab Sample ID:	G4527-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	74.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	8.54	1		0.278	0.278	1.11	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7440-39-3	Barium	95.8	1		0.444	1.39	5.55	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7440-43-9	Cadmium	0.892	1		0.067	0.083	0.333	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7440-47-3	Chromium	15.5	1		0.139	0.139	0.555	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7439-92-1	Lead	123	1		0.133	0.278	0.666	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7439-97-6	Mercury	2.48	D	5	0.041	0.041	0.083	mg/Kg	11/20/15 14:59	11/23/15 20:27	SW7471A
7782-49-2	Selenium	0.278	UN	1	0.278	0.278	1.11	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010
7440-22-4	Silver	2.99	N	1	0.139	0.139	0.555	mg/Kg	11/23/15 12:00	11/24/15 12:30	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP4(2-4)	SDG No.:	G4527
Lab Sample ID:	G4527-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	61.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	174	1		0.338	0.338	1.35	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7440-39-3	Barium	261	1		0.541	1.69	6.76	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7440-43-9	Cadmium	1.73	1		0.081	0.101	0.406	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7440-47-3	Chromium	25.7	1		0.169	0.169	0.676	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7439-92-1	Lead	1070	1		0.162	0.338	0.812	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7439-97-6	Mercury	4.88	D	10	0.099	0.099	0.198	mg/Kg	11/20/15 14:59	11/23/15 20:30	SW7471A
7782-49-2	Selenium	0.338	UN	1	0.338	0.338	1.35	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010
7440-22-4	Silver	6.92	N	1	0.169	0.169	0.676	mg/Kg	11/23/15 12:00	11/24/15 12:34	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-01	TP2(4-6)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	
G4527-02	TP3(7-9)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	
G4527-03	TP4(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: G4527

Order ID: G4527

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	TP3(GREASE CYLINDER)								
G4527-09	TP3(GREASE CYLINDER)	TCLP	Barium	1,860.000		40	125	500	ug/L
G4527-09	TP3(GREASE CYLINDER)	TCLP	Cadmium	332.000		5	7.5	30	ug/L
G4527-09	TP3(GREASE CYLINDER)	TCLP	Lead	32,600.000		15	15.0	60	ug/L
G4527-09	TP3(GREASE CYLINDER)	TCLP	Selenium	106.000		48	50.0	100	ug/L

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	25	U	1	25	25.0	100	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7440-39-3	Barium	1860		1	40	125	500	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7440-43-9	Cadmium	332		1	5	7.5	30	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7440-47-3	Chromium	12.5	U	1	11	12.5	50	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7439-92-1	Lead	32600		1	15	15.0	60	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7439-97-6	Mercury	1	U	1	1	1.0	2	ug/L	11/23/15 16:05	11/24/15 14:41	SW7470A
7782-49-2	Selenium	106		1	48	50.0	100	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010
7440-22-4	Silver	12.5	U	1	12.5	12.5	50	ug/L	11/23/15 12:30	11/24/15 14:16	SW6010

Color Before:	Colorless	Clarity Before:	Texture:	Clear
Color After:	Colorless	Clarity After:	Artifacts:	Clear
Comments:	TCLP METALS			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-01	TP2(4-6)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	
G4527-02	TP3(7-9)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	
G4527-03	TP4(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		11/20/15	11/23/15	
			Metals ICP-RCRA	6010B		11/23/15	11/24/15	
G4527-09	TP3(GREASE CYLINDER)	TCLP			11/18/15			11/20/15
			TCLP ICP Metals	6010B		11/23/15	11/24/15	
			TCLP Mercury	7470A		11/23/15	11/24/15	

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15 12:15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP3(GREASE CYLINDER)	SDG No.:	G4527
Lab Sample ID:	G4527-09	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.4		1	0	0	0	pH		11/20/15 17:05	9045C
Ignitability	NO		1	0	0	0	o C		11/25/15 10:15	1030
Reactive Cyanide	0.05	U	1	0.05	0.05	0.05	mg/Kg	11/24/15 12:48	11/24/15 17:50	9012B
Reactive Sulfide	10	U	1	10	10	10	mg/Kg	11/24/15 14:55	11/24/15 17:30	9034

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



LAB CHRONICLE

OrderID:	G4527	OrderDate:	11/20/2015 1:24:54 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4527-09	TP3(GREASE CYLINDER)	SOIL			11/18/15 12:15			11/20/15
			Corrosivity	9045C			11/20/15 17:05	
			Ignitability	1030			11/25/15 10:15	
			Reactive Cyanide	9012B		11/24/15	11/24/15 17:50	
			Reactive Sulfide	9034		11/24/15	11/24/15 17:30	

SHIPPING DOCUMENTS

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

COC Number

035238

91 of 99



UPS Next Day Air®
UPS Worldwide Express®

Shipping Document

WEIGHT	ITR	PAK	WEIGHT	DIMENSIONAL WEIGHT If Applicable	LARGE PACKAGE	SHIPPER RELEASE
	☐	☐			☐	☐

☐ EXPRESS (INTL)
☐ DOCUMENTS ONLY
☐

The shipper authorizes UPS to act as forwarding agent for export control and customs purposes.
The shipper certifies that no weapons, explosives, radioactive materials or other hazardous materials are shipped from the United States in accordance with the Export Administration Regulations. Violation carries a U.S. fine or penalty.

SATURDAY DELIVERY

1Z 153 E77 22 1002 6277



1Z 153 E77 22 1002 6277

SHIPMENT FROM

UPS ACCOUNT NO.

153E79

REFERENCE NUMBER

2151177

TELEPHONE

Chris Hibler - 716-551-62

LABELLA ASSOCIATES, D.P.C

300 PEARL STREET, SUITE 326

BUFFALO

NY 14202

DELIVERY TO

TELEPHONE

Chemtech
2841 Sheffield St.
Mountainside, NJ 07092

0101011202809 1/10 S

United Parcel Service, Louisville, KY

UPS Next Day Air

1

1Z 153 E77 22 1002 6277



1Z 153 E77 22 1002 6277

TRK/CONTAINER NUMBER

DATE OF SHIPMENT

SHIPMENT ID NUMBER

153E 777B 490

1/18/15

04512

018041_P1

018041_P1

16

14.2

EXPORT CAPORT

DELIVERY

From: Zebrowski, Adam <AZebrowski@LaBellaPC.com>
Sent: Tuesday, December 01, 2015 11:04 AM
To: Karen@chemtech.net
Subject: RE: G4527 - FYI

Karen:

The results should be provided in the lowest level report. If level 1 deliverable is lowest, then please provide level 1. Please analyze the trip blank for full list VOCs

Thanks

Adam Zebrowski
LaBella Associates, D.P.C.
Direct: 716-840-2548 | azebrowski@labellapc.com

From: Karen Noel [mailto:karen@chemtech.net]
Sent: Tuesday, December 01, 2015 10:07 AM
To: Zebrowski, Adam
Subject: G4527 - FYI

Andy,

The COC requests level 1 results, but we typically provide level 2 results. I logged in level 2. There is no trip blank listed on the COC but we did receive it and log it in. Please let me know if I need to change anything.

All the best,

Karen Noel
Karen@Chemtech.net
T: (908) 728-3142
F: (908) 789-8922



Chemtech is an equal opportunity employer

Notice: The information transmitted in this e-mail message and in any attachments is intended Solely for the attention and use of the named addressee(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this transmission in error, please notify us immediately by return e-mail, and permanently delete this transmission, including attachments if any, from any computer

From: Steven Kim <steven@chemtech.net>
Sent: Thursday, November 19, 2015 5:00 PM
To: Karen Noel
Subject: FW: Additional pricing for 1660 Niagara Street

FYI for the 1660 Niagara St samples that are coming in tomorrow.

Regards,

Steven Kim
CHEMTECH

From: Zebrowski, Adam [mailto:AZebrowski@LaBellaPC.com]
Sent: Thursday, November 19, 2015 4:46 PM
To: 'Steven Kim'
Cc: Kibler, Christopher
Subject: RE: Additional pricing for 1660 Niagara Street

Steve:

As per our conversation, please proceed with analysis of the grease sample for the following analysis.

TCLP VOCs
TCLP SVOCs
TCLP Metals
Reactivity, Corrosivity, and Ignitability
Total Petroleum Hydrocarbons
PCBs

Please hold doing anything with the tank content samples; however, Chris from my office will likely be requesting these samples be run and will be providing the analysis methods to be completed.

Please hold the soil samples identified as such on the chain. I don't think they will be run, but please let me know before they are discarded.

Have a great night.

Sincerely,

Adam Zebrowski
LaBella Associates, D.P.C.
Direct: 716-840-2548 | azebrowski@labellapc.com

From: Zebrowski, Adam
Sent: Thursday, November 19, 2015 3:21 PM
To: 'Steven Kim'
Cc: Kibler, Christopher
Subject: RE: Additional pricing for 1660 Niagara Street

Steve:

I just left you a voice message. We submitted two 4oz jars of the grease sample. Do you think that 8oz is a sufficient volume to run the analysis you provided below in response to Chris?

Thanks,

Adam Zebrowski

LaBella Associates, D.P.C.

Direct: 716-840-2548 | azebrowski@labellapc.com

From: Kibler, Christopher

Sent: Thursday, November 19, 2015 2:38 PM

To: Zebrowski, Adam

Subject: FW: Additional pricing for 1660 Niagara Street

I'm back in the office. Let me know if you need any input on this.

Thanks.

Chris Kibler

LaBella Associates, D.P.C.

Direct: 716-873-2115

From: Steven Kim [<mailto:steven@chemtech.net>]

Sent: Thursday, November 19, 2015 11:56 AM

To: Kibler, Christopher

Cc: Karen Noel

Subject: Additional pricing for 1660 Niagara Street

Hi Chris,

As we discussed, please see below for some unit rates for Waste Characterization analyses for the grease and tank samples that will be arriving at our lab for the 1660 Niagara Street project.

TCLP VOCs = \$95.00

TCLP SVOCs = \$125.00

TCLP Metals = \$99.00

TCLP Herbicides = \$75.00

TCLP Pesticides = \$60.00

Reactivity, Corrosivity, and Ignitability = \$50.00

Total Petroleum Hydrocarbons = \$65.00

PCBs = \$60.00

Feel free to let me know if you have any questions.

Regards,

Steven Kim

Account Executive

Direct: 908-728-3157

Mobile: 732-688-2642

CHEMTECH

284 Sheffield Street,
Mountainside, New Jersey 07092
Phone: (908) 789 8900
Fax: (908) 789 8922



A Full Service
**Environmental
Laboratory** SINCE 1967
MBE CERTIFIED





284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148



LOGIN REPORT/SAMPLE TRANSFER

Order ID:	G4527	LABE01	Order Date:	11/20/2015	Project Mgr:	karen
Client Name:	LaBella Associates P.C.		Project Name:	1660 Niagara Street, Buffalo, N	Report Type:	Level 2
Client Contact:	Adam Zebrowski		Rec Date/Time:	11/20/2015 10:20:00 A	EDD:	EXCEL NOCLEANUP
Invoice Name:	LaBella Associates P.C.		Purchase Order:		Hard Copy Date:	
Invoice Contact:	Adam Zebrowski		Login Tech:	KANDARP	Date Signoff:	11/20/2015 2:49:10 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
G4527-01	TP2(4-6)	Solid	11/18/2015	10:05	2	VOCMS Group1	8260C		10 Bus.	12/2/2015 12/2/20
G4527-02	TP3(7-9)	Solid	11/18/2015	12:10	2	VOCMS Group1	8260C		10 Bus.	12/2/2015 12/2/20
G4527-03	TP4(2-4)	Solid	11/18/2015	13:30	2	VOCMS Group1	8260C		10 Bus.	12/2/2015 12/2/20
G4527-09	TP3(GREASE CYLIN	Solid	11/18/2015	12:15	2	TCLP VOA	8260C		10 Bus.	12/2/2015 12/2/20

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody? Yes
Are the number of samples the same as stated on the chain of custody? Yes
Are bottle caps tight and securely in place? Yes
Were all containers intact when received? Yes
Were samples submitted in an ice chest? Yes
Were samples received cold? Yes
Were samples within the holding time for the requested test(s)? Yes
Is the volume of sample submitted sufficient for the requested test(s)? Yes
Are all samples for volatile organic analyses free of headspace? NA

Relinquished By:

Date / Time:

Received By:

Date / Time:

Storage Area:

VOA Refrigerator Room

ORDER COMMENT

--VOCMS Group1 = VOC TCL + CP-51
VOC
SVOCMS Group1 = CP-51 SVOCs--NY--

DATA PACKAGE

METALS

PROJECT NAME : 1660 NIAGARA STREET, BUFFALO, NY**LABELLA ASSOCIATES P.C.****300 State Street****Suite 201****Rochester, NY - 14614****Phone No: 585-295-6253****ORDER ID : G4702****ATTENTION : Adam Zebrowski****DoD ELAP**

Table Of Contents for G4702

1) Signature Page	3
2) Case Narrative	4
2.1) Metals-AES- Case Narrative	4
3) Qualifier Page	5
4) QA Checklist	6
5) Metals-AES Data	7
6) Shipping Document	16
6.1) CHAIN OF CUSTODY	17
6.2) Air Bill	18
6.3) Lab Certificate	19

1

2

3

4

5

6

Cover Page

Order ID : G4702

Project ID : 1660 Niagara Street, Buffalo, NY

Client : LaBella Associates P.C.

Lab Sample Number

G4702-04
G4702-05
G4702-06
G4702-07
G4702-08

Client Sample Number

TP1(2-4)
TP5(2-4)
TP6(1-3)
TP7(2-4)
TP8(2-4)

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : *Mildred V Reyes*

APPROVED

Date: 12/21/2015
By Mildred V Reyes, QAQC Supervisor at 9:05 am, Dec 21, 2015

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4702

Test Name: Mercury, Metals ICP-RCRA

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 11/20/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA and METALS RCRA. This data package contains results for Mercury, Metals ICP-RCRA.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010B, digestion based on method 3050 (soils). The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (SB8(18-20)L)met criteria for all samples except for Chromium.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 9:05 am, Dec 21, 2015

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: G4702

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: POONAM PATEL

Date: 12/21/2015

2nd Level QA Review Signature: Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 9:05 am, Dec 21, 2015

Hit Summary Sheet SW-846

SDG No.: G4702

Order ID: G4702

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TP1(2-4)									
G4702-04	TP1(2-4)	SOIL	Arsenic	8.650		0.203	0.203	0.813	mg/Kg
G4702-04	TP1(2-4)	SOIL	Barium	98.300		0.325	1.02	4.07	mg/Kg
G4702-04	TP1(2-4)	SOIL	Cadmium	0.575		0.049	0.061	0.244	mg/Kg
G4702-04	TP1(2-4)	SOIL	Chromium	14.700		0.102	0.102	0.407	mg/Kg
G4702-04	TP1(2-4)	SOIL	Lead	208.000		0.098	0.203	0.488	mg/Kg
G4702-04	TP1(2-4)	SOIL	Mercury	0.410		0.006	0.006	0.012	mg/Kg
G4702-04	TP1(2-4)	SOIL	Silver	1.670		0.102	0.102	0.407	mg/Kg
Client ID : TP5(2-4)									
G4702-05	TP5(2-4)	SOIL	Arsenic	4.110		0.204	0.204	0.816	mg/Kg
G4702-05	TP5(2-4)	SOIL	Barium	41.700		0.327	1.02	4.08	mg/Kg
G4702-05	TP5(2-4)	SOIL	Cadmium	0.226	J	0.049	0.061	0.245	mg/Kg
G4702-05	TP5(2-4)	SOIL	Chromium	6.040		0.102	0.102	0.408	mg/Kg
G4702-05	TP5(2-4)	SOIL	Lead	134.000		0.098	0.204	0.49	mg/Kg
G4702-05	TP5(2-4)	SOIL	Mercury	0.592		0.007	0.007	0.013	mg/Kg
G4702-05	TP5(2-4)	SOIL	Silver	0.791		0.102	0.102	0.408	mg/Kg
Client ID : TP6(1-3)									
G4702-06	TP6(1-3)	SOIL	Arsenic	10.200		0.217	0.217	0.87	mg/Kg
G4702-06	TP6(1-3)	SOIL	Barium	65.600		0.348	1.09	4.35	mg/Kg
G4702-06	TP6(1-3)	SOIL	Cadmium	0.640		0.052	0.065	0.261	mg/Kg
G4702-06	TP6(1-3)	SOIL	Chromium	11.500		0.109	0.109	0.435	mg/Kg
G4702-06	TP6(1-3)	SOIL	Lead	224.000		0.104	0.217	0.522	mg/Kg
G4702-06	TP6(1-3)	SOIL	Mercury	0.369		0.006	0.006	0.013	mg/Kg
G4702-06	TP6(1-3)	SOIL	Silver	2.530		0.109	0.109	0.435	mg/Kg
Client ID : TP7(2-4)									
G4702-07	TP7(2-4)	SOIL	Arsenic	16.500		0.21	0.21	0.84	mg/Kg
G4702-07	TP7(2-4)	SOIL	Barium	56.200		0.336	1.05	4.2	mg/Kg
G4702-07	TP7(2-4)	SOIL	Cadmium	0.523		0.05	0.063	0.252	mg/Kg
G4702-07	TP7(2-4)	SOIL	Chromium	10.700		0.105	0.105	0.42	mg/Kg
G4702-07	TP7(2-4)	SOIL	Lead	139.000		0.101	0.21	0.504	mg/Kg
G4702-07	TP7(2-4)	SOIL	Mercury	0.234		0.007	0.007	0.014	mg/Kg
G4702-07	TP7(2-4)	SOIL	Silver	2.210		0.105	0.105	0.42	mg/Kg
Client ID : TP8(2-4)									
G4702-08	TP8(2-4)	SOIL	Arsenic	7.000		0.207	0.207	0.83	mg/Kg
G4702-08	TP8(2-4)	SOIL	Barium	375.000		0.332	1.04	4.15	mg/Kg
G4702-08	TP8(2-4)	SOIL	Cadmium	1.310		0.05	0.062	0.249	mg/Kg
G4702-08	TP8(2-4)	SOIL	Chromium	21.300		0.104	0.104	0.415	mg/Kg

Hit Summary Sheet SW-846

SDG No.: G4702

Order ID: G4702

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
G4702-08	TP8(2-4)	SOIL	Lead	549.000		0.1	0.207	0.498	mg/Kg
G4702-08	TP8(2-4)	SOIL	Mercury	0.424		0.006	0.006	0.012	mg/Kg
G4702-08	TP8(2-4)	SOIL	Silver	2.160		0.104	0.104	0.415	mg/Kg

A

B

C

D

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP1(2-4)	SDG No.:	G4702
Lab Sample ID:	G4702-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	8.65	1	0.203	0.203	0.813	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	
7440-39-3	Barium	98.3	1	0.325	1.02	4.07	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	
7440-43-9	Cadmium	0.575	1	0.049	0.061	0.244	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	
7440-47-3	Chromium	14.7	1	0.102	0.102	0.407	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	
7439-92-1	Lead	208	1	0.098	0.203	0.488	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	
7439-97-6	Mercury	0.41	1	0.006	0.006	0.012	mg/Kg	12/10/15 11:52	12/11/15 18:42	SW7471A	
7782-49-2	Selenium	0.203	U	1	0.203	0.203	0.813	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010
7440-22-4	Silver	1.67	1	0.102	0.102	0.407	mg/Kg	12/10/15 08:45	12/10/15 19:20	SW6010	

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP5(2-4)	SDG No.:	G4702
Lab Sample ID:	G4702-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.11		1	0.204	0.204	0.816	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7440-39-3	Barium	41.7		1	0.327	1.02	4.08	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7440-43-9	Cadmium	0.226	J	1	0.049	0.061	0.245	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7440-47-3	Chromium	6.04		1	0.102	0.102	0.408	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7439-92-1	Lead	134		1	0.098	0.204	0.49	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7439-97-6	Mercury	0.592		1	0.007	0.007	0.013	mg/Kg	12/10/15 11:52	12/11/15 18:44	SW7471A
7782-49-2	Selenium	0.204	U	1	0.204	0.204	0.816	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010
7440-22-4	Silver	0.791		1	0.102	0.102	0.408	mg/Kg	12/10/15 08:45	12/10/15 19:25	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP6(1-3)	SDG No.:	G4702
Lab Sample ID:	G4702-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10.2	1		0.217	0.217	0.87	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7440-39-3	Barium	65.6	1		0.348	1.09	4.35	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7440-43-9	Cadmium	0.64	1		0.052	0.065	0.261	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7440-47-3	Chromium	11.5	1		0.109	0.109	0.435	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7439-92-1	Lead	224	1		0.104	0.217	0.522	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7439-97-6	Mercury	0.369	1		0.006	0.006	0.013	mg/Kg	12/10/15 11:52	12/11/15 18:46	SW7471A
7782-49-2	Selenium	0.217	U	1	0.217	0.217	0.87	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010
7440-22-4	Silver	2.53	1		0.109	0.109	0.435	mg/Kg	12/10/15 08:45	12/10/15 19:29	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP7(2-4)	SDG No.:	G4702
Lab Sample ID:	G4702-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	16.5	1	0.21	0.21	0.84	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	
7440-39-3	Barium	56.2	1	0.336	1.05	4.2	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	
7440-43-9	Cadmium	0.523	1	0.05	0.063	0.252	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	
7440-47-3	Chromium	10.7	1	0.105	0.105	0.42	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	
7439-92-1	Lead	139	1	0.101	0.21	0.504	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	
7439-97-6	Mercury	0.234	1	0.007	0.007	0.014	mg/Kg	12/10/15 11:52	12/11/15 18:49	SW7471A	
7782-49-2	Selenium	0.21	U	1	0.21	0.21	0.84	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010
7440-22-4	Silver	2.21	1	0.105	0.105	0.42	mg/Kg	12/10/15 08:45	12/10/15 19:33	SW6010	

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	11/18/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	11/20/15
Client Sample ID:	TP8(2-4)	SDG No.:	G4702
Lab Sample ID:	G4702-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	7	1	0.207	0.207	0.83	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	
7440-39-3	Barium	375	1	0.332	1.04	4.15	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	
7440-43-9	Cadmium	1.31	1	0.05	0.062	0.249	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	
7440-47-3	Chromium	21.3	1	0.104	0.104	0.415	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	
7439-92-1	Lead	549	1	0.1	0.207	0.498	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	
7439-97-6	Mercury	0.424	1	0.006	0.006	0.012	mg/Kg	12/10/15 11:52	12/11/15 18:51	SW7471A	
7782-49-2	Selenium	0.207	U	1	0.207	0.207	0.83	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010
7440-22-4	Silver	2.16	1	0.104	0.104	0.415	mg/Kg	12/10/15 08:45	12/10/15 19:37	SW6010	

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	G4702	OrderDate:	12/8/2015 10:00:00 AM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	I42

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4702-04	TP1(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4702-05	TP5(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4702-06	TP6(1-3)	SOIL			11/18/15			11/20/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4702-07	TP7(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4702-08	TP8(2-4)	SOIL			11/18/15			11/20/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number

C45271
G4702 6.1
035238

CLIENT INFORMATION			CLIENT PROJECT INFORMATION			CLIENT BILLING INFORMATION								
REPORT TO BE SENT TO: COMPANY: <u>LaBella Associates DPC</u> ADDRESS: <u>300 Pearl Street</u> CITY: <u>Buffalo</u> STATE: <u>NY</u> ZIP: <u>14202</u> ATTENTION: <u>Chris Kibler</u> PHONE: <u>716-551-6280</u> FAX: <u>716-551-6280</u>			PROJECT INFORMATION: PROJECT NAME: <u>Buffalo Maple River</u> PROJECT NO.: <u>2151177</u> LOCATION: <u>Buffalo NY</u> PROJECT MANAGER: <u>Adam Zebrowski</u> e-mail: <u>azebrowski@labellapc.com</u> PHONE: <u>716-551-6280</u> FAX: <u>716-551-6280</u>			BILL TO: <u>LaBella Associates DPC</u> ADDRESS: <u>300 Pearl St.</u> CITY: <u>Buffalo</u> STATE: <u>NY</u> ZIP: <u>14202</u> ATTENTION: <u>Adam Z</u> PHONE: <u>716-551-6280</u>								
DATA TURNAROUND INFORMATION FAX: _____ DAYS * HARD COPY: _____ DAYS * EDD: <u>Standard-10</u> DAYS * PREAPPROVED TAT: ☐ YES ☐ NO * STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			DATA DELIVERABLE INFORMATION ☒ LEVEL 1: Results only ☐ Others _____ ☐ LEVEL 2: Results + QC ☐ LEVEL 3: Results (plus results raw data) + QC ☐ LEVEL 4: Results + QC (all raw data) ☐ EDD Format: _____			ANALYSIS TEL 10/5 8:20 CO-51 10/5 8:20 CO-51 10/5 8:20 DOH 310-WCS								
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES				Copy	COMMENTS	
			COMP	ORG	DATE	TIME		1	2	3	4			
1.	TP2 (4-6')	Soil	X		11-18-15	10:05	2	X	X	X	X	X	Original Documents are included in COC Signature: _____ Date: _____	Specify Preservatives: A-HCl B-NO ₂ C-NO ₃ D-NO ₂ E-ICE F-Other
2.	TP3 (0-9')	Soil	X		11-18-15	12:10	2	X	X	X	X	X		
3.	TP4 (2-4')	Soil	X		11-18-15	13:30	2	X	X	X	X	X		
4.														
5.	TP1 (2-4')	Soil	X		11-18-15	9:30	2	X	X	X	X	X	Hold!	
6.	TP5 (2-4')	Soil	X		11-18-15	14:00	2	X	X	X	X	X		
7.	TP6 (E-3')	Soil	X		11-18-15	14:30	2	X	X	X	X	X		
8.	TP7 (2-4')	Soil	X		11-18-15	14:40	2	X	X	X	X	X		
9.	TP8 (2-4')	Soil	X		11-18-15	14:50	2	X	X	X	X	X		
10.	TP3 (Grease Cylinder)		X		11-18-15	12:15	2					X		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: 1. <u>LaBella</u>	DATE/TIME: <u>11-18-15/4pm</u>	RECEIVED BY: 1. _____	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments: _____ Cooler Temp. <u>5°C</u> Ice in Cooler? <u>YES</u>
RELINQUISHED BY: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____	
RELINQUISHED BY: 3. <u>UPS</u>	DATE/TIME: <u>11-20-15</u>	RECEIVED FOR LAB BY: 3. <u>LaBella</u>	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
 CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
 Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY



UPS Next Day Air®
UPS Worldwide Express®

Shipping Document

WEIGHT	LTR	PAK	WEIGHT	DIMENSIONAL WEIGHT If Applicable	LARGE PACKAGE	SHIPPER RELEASE
	☐	☐			☐	☐

☐ EXPRESS (INT'L)
☐ DOCUMENTS ONLY
☐

The shipper certifies that the contents of this document are true and correct and that the shipper is not aware of any violation of the Export Administration Regulations, Executive Order 12853, or any other applicable law or regulation.

SATURDAY DELIVERY

1Z 153 E77 22 1002 6277



1Z 153 E77 22 1002 6277

SHIPMENT FROM

UPS ACCOUNT NO.

153E-79

REFERENCE NUMBER

2151177

TELEPHONE

Chris Hibler - 716-551-62

LABELLA ASSOCIATES, D.P.C.

300 PEARL STREET, SUITE 325

BUFFALO

NY 14202

DELIVERY TO

TELEPHONE

Chemtech
2841 Sheffield St.
Mantanside, NY 10702

0101911202609 1/10 S

United Parcel Service, Louisville, KY

UPS Next Day Air

1Z 153 E77 22 1002 6277



1Z 153 E77 22 1002 6277

TRACKING NUMBER

DATE OF SHIPMENT

SHIPMENT ID NUMBER

153E 777B 49Q

4/18/15

Copy

Original Documents are included in CSF 34527

[Signature]

Signature

12/8/15

Date



284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148

DATA PACKAGE

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 1660 NIAGARA STREET, BUFFALO, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : G4725

ATTENTION : Adam Zebrowski



DoD ELAP

Table Of Contents for G4725

1) Signature Page	3
2) Case Narrative	4
2.1) VOCMS Group1- Case Narrative	4
2.2) SVOCMS Group1- Case Narrative	6
2.3) PCB- Case Narrative	8
2.4) Metals-AES- Case Narrative	10
3) Qualifier Page	11
4) QA Checklist	13
5) VOCMS Group1 Data	14
6) SVOCMS Group1 Data	56
7) PCB Data	84
8) Metals-AES Data	103
9) Shipping Document	115
9.1) CHAIN OF CUSTODY	116
9.2) Air Bill	117
9.3) Lab Certificate	118
9.4) Internal COC	119

1
2
3
4
5
6
7
8
9

Cover Page

Order ID : G4725

Project ID : 1660 Niagara Street, Buffalo, NY

Client : LaBella Associates P.C.

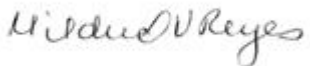
Lab Sample Number

G4725-01
G4725-02
G4725-03
G4725-04
G4725-05
G4725-06
G4725-07
G4725-08

Client Sample Number

SB1(9-10)
SB2(2-4)
SB3(2-4)
SB4(12-14)
SB5A(9-10)
SB6(4-8)
SB7(2-4)
SB8(18-20)

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : 

APPROVED

By Mildred V Reyes, QAQC Supervisor at 8:21 am, Dec 23, 2015

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4725

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 12/09/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_D were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by SUPELCO, K (VOACARB 3000) , TEKMAR LSC-2000 Concentrator. The analysis performed on instrument MSVOA_H were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied BY OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator. The analysis of VOCMS Group1 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for SB3(2-4) [4-Bromofluorobenzene - 23%], SB6(4-8) [Toluene-d8 – 125%].

The Internal Standards Areas met the acceptable requirements except for SB2(2-4), SB2(2-4)RE, SB3(2-4), SB3(2-4)RE, SB7(2-4), SB7(2-4)RE, K206-0-2MS and K206-0-2MSD.

The Retention Times were acceptable for all samples.

The MS {G4739-05MS} with File ID: VD048065.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[207%], 1,2,4-Trimethylbenzene[153%], 1,2-Dibromo-3-Chloropropane[178%], 1,3,5-Trimethylbenzene[164%], Carbon disulfide[54%], Isopropylbenzene[178%], Methyl Acetate[329%], N-propylbenzene[138%], Sec-butylbenzene[140%] and tert-Butylbenzene[177%] .

The MSD {G4739-06MSD} with File ID: VD048066.D recoveries met the acceptable requirements except for 1,1,2,2-Tetrachloroethane[245%], 1,2,4-Trimethylbenzene[174%], 1,2-Dibromo-3-Chloropropane[190%], 1,3,5-Trimethylbenzene[189%], Carbon disulfide[50%], Isopropylbenzene[206%], Methyl Acetate[288%], N-propylbenzene[151%], p-Isopropyltoluene[151%], Sec-butylbenzene[157%] and tert-Butylbenzene[218%] .

The RPD for {G4739-06MSD} with File ID: VD048066.D recoveries met criteria except for Bromochloromethane[25%], tert-Butylbenzene[21%] .

The Blank Spike for {VD1211SBS01} with File ID: VD048064.D met requirements for all samples except for Methylene Chloride[136%] .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VD048062.D met the requirements except for Bromoform, 1,2,4-Trichlorobenzene and 1,2-Dichloroethane-d4 .

The Continuous Calibration File ID VH057729.D met the requirements except for 1,2,4-Trichlorobenzene, Naphthalene and 1,2,3-Trichlorobenzene .

The Tuning criteria met requirements.

Samples SB5A(9-10) was diluted before analysis due to the high concentration of target compounds and the sample matrix.

Sample SB6(4-8) was diluted due to high concentration.

E. Additional Comments:

F. Manual Integration Comments:

~~I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.~~

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 8:21 am, Dec 23, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4725

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 12/09/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID BF083684.D met the requirements except for 4-Nitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 8:21 am, Dec 23, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4725

Test Name: PCB

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 12/09/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, SVOCMS Group1 and VOCMS Group1. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for SB1(9-10)
[Decachlorobiphenyl(1) - 49%, Decachlorobiphenyl(2) - 47%], SB1(9-10)RE
[Decachlorobiphenyl(1) - 46%, Decachlorobiphenyl(2) - 43%], SB2(2-4)
[Decachlorobiphenyl(1) - 54%, Decachlorobiphenyl(2) - 50%], SB2(2-4)RE
[Decachlorobiphenyl(1) - 54%, Decachlorobiphenyl(2) - 47%], SB3(2-4)
[Decachlorobiphenyl(1) - 40%, Decachlorobiphenyl(2) - 41%], SB3(2-4)RE
[Decachlorobiphenyl(1) - 38%, Decachlorobiphenyl(2) - 36%], SB4(12-14)
[Decachlorobiphenyl(1) - 26%, Decachlorobiphenyl(2) - 23%], SB4(12-14)RE
[Decachlorobiphenyl(1) - 23%, Decachlorobiphenyl(2) - 21%], SB5A(9-10)
[Decachlorobiphenyl(1) - 58%, Decachlorobiphenyl(2) - 56%], SB5A(9-10)RE
[Decachlorobiphenyl(1) - 55%, Decachlorobiphenyl(2) - 52%], SB6(4-8)
[Decachlorobiphenyl(2) - 56%], SB7(2-4) [Decachlorobiphenyl(1) - 38%,
Decachlorobiphenyl(2) - 39%], SB7(2-4)RE [Decachlorobiphenyl(1) - 37%,
Decachlorobiphenyl(2) - 36%], SB8(18-20) [Decachlorobiphenyl(1) - 53%,
Decachlorobiphenyl(2) - 47%] and SB8(18-20)RE [Decachlorobiphenyl(1) - 52%,
Decachlorobiphenyl(2) - 47%].

The Retention Times were acceptable for all samples.

The MS {G4759-02MS} with File ID: PO026517.D recoveries met the requirements for all compounds except for AR1260[307%] .

The MSD {G4759-03MSD} with File ID: PO026518.D recoveries met the acceptable requirements except for AR1260[294%] .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PO026453.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in 1st column.

The Continuous Calibration File ID PO026466.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in 1st column.

The Continuous Calibration File ID PO026526.D met the requirements except for Aroclor-1016(Peak-01,03) and Tetrachloro-m-xylene are failing in both the columns while Aroclor-1016(Peak-02,04) and Decachlorobiphenyl are failing in 2nd column but passing in 1st column.

The Continuous Calibration File ID PO026539.D met the requirements except for Aroclor-1016(Peak-01,03) and Tetrachloro-m-xylene are failing in both the columns while Aroclor-1016(Peak-02,04) is failing in 2nd column but passing in 1st column.

E. Additional Comments:

F. Manual Integration Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 8:21 am, Dec 23, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4725

Test Name: Metals ICP-RCRA, Mercury

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 12/09/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, SVOCMS Group1 and VOCMS Group1. This data package contains results for Metals ICP-RCRA, Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010B, digestion based on method 3050 (soils). The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (SB8(18-20)L) met criteria for all samples except for Chromium.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 8:21 am, Dec 23, 2015

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: G4725

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: SHIVANGI PANCHAL

Date: 12/23/2015

2nd Level QA Review Signature: _____

Mildred V Reyes

APPROVED

Date:

By Mildred V Reyes, QAQC Supervisor at 8:19 am, Dec 23, 2015

Hit Summary Sheet SW-846

SDG No.: G4725

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	SB1(9-10)								
G4725-01	SB1(9-10)	SOIL	Acetone	140.00		3.6	3.6	36.3	ug/Kg
G4725-01	SB1(9-10)	SOIL	Carbon Disulfide	1.90	J	0.73	0.73	7.3	ug/Kg
G4725-01	SB1(9-10)	SOIL	2-Butanone	45.80		4.5	10.9	36.3	ug/Kg
			Total Voc :	187.7					
			Total Concentration:	187.7					
Client ID:	SB2(2-4)								
G4725-02	SB2(2-4)	SOIL	Acetone	52.10		2.8	2.8	28	ug/Kg
G4725-02	SB2(2-4)	SOIL	Carbon Disulfide	3.90	J	0.56	0.56	5.6	ug/Kg
G4725-02	SB2(2-4)	SOIL	2-Butanone	11.20	J	3.5	8.4	28	ug/Kg
G4725-02	SB2(2-4)	SOIL	Tetrachloroethene	1.30	J	0.56	0.56	5.6	ug/Kg
			Total Voc :	68.5					
			Total Concentration:	68.5					
Client ID:	SB2(2-4)RE								
G4725-02RE	SB2(2-4)RE	SOIL	Acetone	38.80		2.8	2.8	27.9	ug/Kg
G4725-02RE	SB2(2-4)RE	SOIL	Carbon Disulfide	2.60	J	0.56	0.56	5.6	ug/Kg
G4725-02RE	SB2(2-4)RE	SOIL	2-Butanone	8.60	J	3.5	8.4	27.9	ug/Kg
			Total Voc :	50					
			Total Concentration:	50					
Client ID:	SB3(2-4)								
G4725-03	SB3(2-4)	SOIL	Acetone	11.90	J	3.1	3.1	31.2	ug/Kg
G4725-03	SB3(2-4)	SOIL	Methylcyclohexane	1.90	J	0.62	0.62	6.2	ug/Kg
			Total Voc :	13.8					
			Total Concentration:	13.8					
Client ID:	SB3(2-4)RE								
G4725-03RE	SB3(2-4)RE	SOIL	Acetone	10.20	J	3.1	3.1	31.3	ug/Kg
			Total Voc :	10.2					
			Total Concentration:	10.2					
Client ID:	SB4(12-14)								
G4725-04	SB4(12-14)	SOIL	Acetone	260.00		3.6	3.6	36.2	ug/Kg
G4725-04	SB4(12-14)	SOIL	Carbon Disulfide	1.60	J	0.72	0.72	7.2	ug/Kg
G4725-04	SB4(12-14)	SOIL	2-Butanone	67.10		4.5	10.9	36.2	ug/Kg
			Total Voc :	328.7					
			Total Concentration:	328.7					
Client ID:	SB5A(9-10)								
G4725-05	SB5A(9-10)	SOIL	Methylcyclohexane	26,400.00		680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Benzene	19,100.00		520	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Toluene	45,100.00		680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Ethyl Benzene	36,100.00		680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	m/p-Xylenes	93,300.00		980	1400	13700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: G4725
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
G4725-05	SB5A(9-10)	SOIL	o-Xylene	14,100.00		680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Isopropylbenzene	9,600.00		660	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	n-propylbenzene	44,100.00		490	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	1,3,5-Trimethylbenzene	12,400.00		620	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	1,2,4-Trimethylbenzene	42,700.00		680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	sec-Butylbenzene	5,000.00	J	680	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	p-Isopropyltoluene	2,100.00	J	400	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	n-Butylbenzene	13,600.00		630	680	6800	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Naphthalene	34,000.00		620	680	6800	ug/Kg
Total Voc :				397600					
Total Concentration:				397600					
Client ID:	SB6(4-8)								
G4725-06	SB6(4-8)	SOIL	Carbon Disulfide	2.20	J	0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Cyclohexane	710.00	E	0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Methylcyclohexane	1,700.00	E	0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Benzene	93.20		0.5	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Toluene	29.00		0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Ethyl Benzene	190.00		0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	m/p-Xylenes	740.00	E	0.94	1.3	13	ug/Kg
G4725-06	SB6(4-8)	SOIL	o-Xylene	170.00		0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Isopropylbenzene	150.00		0.63	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	n-propylbenzene	280.00	E	0.47	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	1,3,5-Trimethylbenzene	400.00	E	0.59	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	1,2,4-Trimethylbenzene	870.00	E	0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	sec-Butylbenzene	34.10		0.65	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	p-Isopropyltoluene	29.40		0.38	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	n-Butylbenzene	87.20		0.6	0.65	6.5	ug/Kg
G4725-06	SB6(4-8)	SOIL	Naphthalene	66.10		0.59	0.65	6.5	ug/Kg
Total Voc :				5551.2					
Total Concentration:				5551.2					
Client ID:	SB6(4-8)ME								
G4725-06ME	SB6(4-8)ME	SOIL	Cyclohexane	920.00	D	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	Methylcyclohexane	7,000.00	D	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	Benzene	1,200.00	D	50	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	Toluene	470.00	JD	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	Ethyl Benzene	780.00	D	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	m/p-Xylenes	2,800.00	D	94.7	130	1300	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	o-Xylene	290.00	JD	65.7	65.7	660	ug/Kg

Hit Summary Sheet SW-846

SDG No.: G4725
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
G4725-06ME	SB6(4-8)ME	SOIL	Isopropylbenzene	730.00	D	63.1	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	n-propylbenzene	2,700.00	D	47.3	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	1,3,5-Trimethylbenzene	720.00	D	59.2	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	1,2,4-Trimethylbenzene	2,100.00	D	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	sec-Butylbenzene	310.00	JD	65.7	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	n-Butylbenzene	840.00	D	60.5	65.7	660	ug/Kg
G4725-06ME	SB6(4-8)ME	SOIL	Naphthalene	850.00	D	59.2	65.7	660	ug/Kg
Total Voc :				21710					
Total Concentration:				21710					
Client ID:	SB7(2-4)								
G4725-07	SB7(2-4)	SOIL	Acetone	75.20		3.1	3.1	30.8	ug/Kg
G4725-07	SB7(2-4)	SOIL	2-Butanone	15.80	J	3.8	9.2	30.8	ug/Kg
G4725-07	SB7(2-4)	SOIL	1,2,4-Trimethylbenzene	1.40	J	0.62	0.62	6.2	ug/Kg
G4725-07	SB7(2-4)	SOIL	Naphthalene	1.40	J	0.55	0.62	6.2	ug/Kg
Total Voc :				93.8					
Total Concentration:				93.8					
Client ID:	SB7(2-4)RE								
G4725-07RE	SB7(2-4)RE	SOIL	Acetone	72.10		3.1	3.1	30.7	ug/Kg
G4725-07RE	SB7(2-4)RE	SOIL	Methylene Chloride	2.10	JQ	0.61	0.61	6.1	ug/Kg
G4725-07RE	SB7(2-4)RE	SOIL	2-Butanone	15.20	J	3.8	9.2	30.7	ug/Kg
Total Voc :				89.4					
Total Concentration:				89.4					
Client ID:	SB8(18-20)								
G4725-08	SB8(18-20)	SOIL	Vinyl Chloride	2.10	J	0.59	0.59	5.9	ug/Kg
G4725-08	SB8(18-20)	SOIL	Acetone	12.30	J	2.9	2.9	29.5	ug/Kg
G4725-08	SB8(18-20)	SOIL	cis-1,2-Dichloroethene	10.40		0.59	0.59	5.9	ug/Kg
Total Voc :				24.8					
Total Concentration:				24.8					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048053.D	1		12/10/15 20:35	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.73	U	0.73	0.73	7.3	ug/Kg
74-87-3	Chloromethane	0.73	U	0.73	0.73	7.3	ug/Kg
75-01-4	Vinyl Chloride	0.73	U	0.73	0.73	7.3	ug/Kg
74-83-9	Bromomethane	1.5	U	1.5	1.5	7.3	ug/Kg
75-00-3	Chloroethane	0.73	U	0.73	0.73	7.3	ug/Kg
75-69-4	Trichlorofluoromethane	0.73	U	0.73	0.73	7.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.73	U	0.73	0.73	7.3	ug/Kg
75-35-4	1,1-Dichloroethene	0.73	U	0.73	0.73	7.3	ug/Kg
67-64-1	Acetone	140		3.6	3.6	36.3	ug/Kg
75-15-0	Carbon Disulfide	1.9	J	0.73	0.73	7.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	0.73	7.3	ug/Kg
79-20-9	Methyl Acetate	1.5	U	1.5	1.5	7.3	ug/Kg
75-09-2	Methylene Chloride	0.73	U	0.73	0.73	7.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	0.73	7.3	ug/Kg
75-34-3	1,1-Dichloroethane	0.73	U	0.73	0.73	7.3	ug/Kg
110-82-7	Cyclohexane	0.73	U	0.73	0.73	7.3	ug/Kg
78-93-3	2-Butanone	45.8		4.5	10.9	36.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.73	U	0.73	0.73	7.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.73	U	0.73	0.73	7.3	ug/Kg
74-97-5	Bromochloromethane	0.73	U	0.73	0.73	7.3	ug/Kg
67-66-3	Chloroform	0.73	U	0.73	0.73	7.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.73	U	0.73	0.73	7.3	ug/Kg
108-87-2	Methylcyclohexane	0.73	U	0.73	0.73	7.3	ug/Kg
71-43-2	Benzene	0.73	U	0.55	0.73	7.3	ug/Kg
107-06-2	1,2-Dichloroethane	0.73	U	0.73	0.73	7.3	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	0.73	7.3	ug/Kg
78-87-5	1,2-Dichloropropane	0.73	U	0.38	0.73	7.3	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	0.73	7.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.6	U	3.6	3.6	36.3	ug/Kg
108-88-3	Toluene	0.73	U	0.73	0.73	7.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.73	U	0.73	0.73	7.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.73	U	0.73	0.73	7.3	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048053.D	1		12/10/15 20:35	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.5	U	1.3	1.5	7.3	ug/Kg
591-78-6	2-Hexanone	3.6	U	3.6	3.6	36.3	ug/Kg
124-48-1	Dibromochloromethane	0.73	U	0.73	0.73	7.3	ug/Kg
106-93-4	1,2-Dibromoethane	0.73	U	0.73	0.73	7.3	ug/Kg
127-18-4	Tetrachloroethene	0.73	U	0.73	0.73	7.3	ug/Kg
108-90-7	Chlorobenzene	0.73	U	0.73	0.73	7.3	ug/Kg
100-41-4	Ethyl Benzene	0.73	U	0.73	0.73	7.3	ug/Kg
179601-23-1	m/p-Xylenes	1.5	U	1	1.5	14.5	ug/Kg
95-47-6	o-Xylene	0.73	U	0.73	0.73	7.3	ug/Kg
100-42-5	Styrene	0.73	U	0.65	0.73	7.3	ug/Kg
75-25-2	Bromoform	2.2	U	1.1	2.2	7.3	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.7	0.73	7.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.73	U	0.67	0.73	7.3	ug/Kg
103-65-1	n-propylbenzene	0.73	U	0.52	0.73	7.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.73	U	0.65	0.73	7.3	ug/Kg
98-06-6	tert-Butylbenzene	0.73	U	0.73	0.73	7.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.73	U	0.73	0.73	7.3	ug/Kg
135-98-8	sec-Butylbenzene	0.73	U	0.73	0.73	7.3	ug/Kg
99-87-6	p-Isopropyltoluene	0.73	U	0.42	0.73	7.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.73	U	0.54	0.73	7.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.73	U	0.6	0.73	7.3	ug/Kg
104-51-8	n-Butylbenzene	0.73	U	0.67	0.73	7.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	0.73	7.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.3	U	1.3	7.3	7.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.73	U	0.73	0.73	7.3	ug/Kg
91-20-3	Naphthalene	0.73	U	0.65	0.73	7.3	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.5	U	0.73	1.5	7.3	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	150	150	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	33		56 - 120		66%	SPK: 50
1868-53-7	Dibromofluoromethane	41.1		57 - 135		82%	SPK: 50
2037-26-5	Toluene-d8	38.3		67 - 123		77%	SPK: 50
460-00-4	4-Bromofluorobenzene	30.5		33 - 141		61%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31.1
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048053.D	1		12/10/15 20:35	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	323774	6.31				
540-36-3	1,4-Difluorobenzene	514440	7.43				
3114-55-4	Chlorobenzene-d5	476295	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	204307	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048054.D	1		12/10/15 21:03	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.56	U	0.56	0.56	5.6	ug/Kg
74-87-3	Chloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-01-4	Vinyl Chloride	0.56	U	0.56	0.56	5.6	ug/Kg
74-83-9	Bromomethane	1.1	U	1.1	1.1	5.6	ug/Kg
75-00-3	Chloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	0.56	U	0.56	0.56	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
67-64-1	Acetone	52.1		2.8	2.8	28	ug/Kg
75-15-0	Carbon Disulfide	3.9	J	0.56	0.56	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	0.56	5.6	ug/Kg
79-20-9	Methyl Acetate	1.1	U	1.1	1.1	5.6	ug/Kg
75-09-2	Methylene Chloride	0.56	U	0.56	0.56	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
110-82-7	Cyclohexane	0.56	U	0.56	0.56	5.6	ug/Kg
78-93-3	2-Butanone	11.2	J	3.5	8.4	28	ug/Kg
56-23-5	Carbon Tetrachloride	0.56	U	0.56	0.56	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
74-97-5	Bromochloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
67-66-3	Chloroform	0.56	U	0.56	0.56	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
108-87-2	Methylcyclohexane	0.56	U	0.56	0.56	5.6	ug/Kg
71-43-2	Benzene	0.56	U	0.42	0.56	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
79-01-6	Trichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	0.56	U	0.29	0.56	5.6	ug/Kg
75-27-4	Bromodichloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.8	U	2.8	2.8	28	ug/Kg
108-88-3	Toluene	0.56	U	0.56	0.56	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.56	U	0.56	0.56	5.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	0.56	5.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048054.D	1		12/10/15 21:03	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.1	U	1	1.1	5.6	ug/Kg
591-78-6	2-Hexanone	2.8	U	2.8	2.8	28	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	0.56	U	0.56	0.56	5.6	ug/Kg
127-18-4	Tetrachloroethene	1.3	J	0.56	0.56	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.56	U	0.56	0.56	5.6	ug/Kg
179601-23-1	m/p-Xylenes	1.1	U	0.81	1.1	11.2	ug/Kg
95-47-6	o-Xylene	0.56	U	0.56	0.56	5.6	ug/Kg
100-42-5	Styrene	0.56	U	0.5	0.56	5.6	ug/Kg
75-25-2	Bromoform	1.7	U	0.83	1.7	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.54	0.56	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	0.51	0.56	5.6	ug/Kg
103-65-1	n-propylbenzene	0.56	U	0.4	0.56	5.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.56	U	0.5	0.56	5.6	ug/Kg
98-06-6	tert-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
135-98-8	sec-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
99-87-6	p-Isopropyltoluene	0.56	U	0.32	0.56	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.56	U	0.41	0.56	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.56	U	0.46	0.56	5.6	ug/Kg
104-51-8	n-Butylbenzene	0.56	U	0.51	0.56	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	0.97	5.6	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
91-20-3	Naphthalene	0.56	U	0.5	0.56	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.1	U	0.56	1.1	5.6	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	110	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	34.7		56 - 120		69%	SPK: 50
1868-53-7	Dibromofluoromethane	32.4		57 - 135		65%	SPK: 50
2037-26-5	Toluene-d8	38.1		67 - 123		76%	SPK: 50
460-00-4	4-Bromofluorobenzene	25.9		33 - 141		52%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.98 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048054.D	1		12/10/15 21:03	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	302049	6.31				
540-36-3	1,4-Difluorobenzene	481052	7.43				
3114-55-4	Chlorobenzene-d5	409145	11.57				
3855-82-1	1,4-Dichlorobenzene-d4	125700	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-02RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048071.D	1		12/11/15 16:51	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.56	U	0.56	0.56	5.6	ug/Kg
74-87-3	Chloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-01-4	Vinyl Chloride	0.56	U	0.56	0.56	5.6	ug/Kg
74-83-9	Bromomethane	1.1	U	1.1	1.1	5.6	ug/Kg
75-00-3	Chloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	0.56	U	0.56	0.56	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.56	U	0.56	0.56	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
67-64-1	Acetone	38.8		2.8	2.8	27.9	ug/Kg
75-15-0	Carbon Disulfide	2.6	J	0.56	0.56	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	0.56	5.6	ug/Kg
79-20-9	Methyl Acetate	1.1	U	1.1	1.1	5.6	ug/Kg
75-09-2	Methylene Chloride	0.56	UQ	0.56	0.56	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
110-82-7	Cyclohexane	0.56	U	0.56	0.56	5.6	ug/Kg
78-93-3	2-Butanone	8.6	J	3.5	8.4	27.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.56	U	0.56	0.56	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
74-97-5	Bromochloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
67-66-3	Chloroform	0.56	U	0.56	0.56	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
108-87-2	Methylcyclohexane	0.56	U	0.56	0.56	5.6	ug/Kg
71-43-2	Benzene	0.56	U	0.42	0.56	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
79-01-6	Trichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	0.56	U	0.29	0.56	5.6	ug/Kg
75-27-4	Bromodichloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.8	U	2.8	2.8	27.9	ug/Kg
108-88-3	Toluene	0.56	U	0.56	0.56	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.56	U	0.56	0.56	5.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	0.56	5.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-02RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048071.D	1		12/11/15 16:51	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.1	U	1	1.1	5.6	ug/Kg
591-78-6	2-Hexanone	2.8	U	2.8	2.8	27.9	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	0.56	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	0.56	U	0.56	0.56	5.6	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.56	U	0.56	0.56	5.6	ug/Kg
179601-23-1	m/p-Xylenes	1.1	U	0.8	1.1	11.2	ug/Kg
95-47-6	o-Xylene	0.56	U	0.56	0.56	5.6	ug/Kg
100-42-5	Styrene	0.56	U	0.5	0.56	5.6	ug/Kg
75-25-2	Bromoform	1.7	U	0.83	1.7	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.54	0.56	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	0.51	0.56	5.6	ug/Kg
103-65-1	n-propylbenzene	0.56	U	0.4	0.56	5.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.56	U	0.5	0.56	5.6	ug/Kg
98-06-6	tert-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
135-98-8	sec-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
99-87-6	p-Isopropyltoluene	0.56	U	0.32	0.56	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.56	U	0.41	0.56	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.56	U	0.46	0.56	5.6	ug/Kg
104-51-8	n-Butylbenzene	0.56	U	0.51	0.56	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	0.97	5.6	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
91-20-3	Naphthalene	0.56	U	0.5	0.56	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.1	U	0.56	1.1	5.6	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	110	110	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.1		56 - 120		78%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	40		67 - 123		80%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.2		33 - 141		56%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-02RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048071.D	1		12/11/15 16:51	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	270184	6.32				
540-36-3	1,4-Difluorobenzene	424817	7.44				
3114-55-4	Chlorobenzene-d5	374816	11.6				
3855-82-1	1,4-Dichlorobenzene-d4	110124	13.94				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048055.D	1		12/10/15 21:30	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.62	U	0.62	0.62	6.2	ug/Kg
74-87-3	Chloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-01-4	Vinyl Chloride	0.62	U	0.62	0.62	6.2	ug/Kg
74-83-9	Bromomethane	1.2	U	1.2	1.2	6.2	ug/Kg
75-00-3	Chloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-69-4	Trichlorofluoromethane	0.62	U	0.62	0.62	6.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-35-4	1,1-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
67-64-1	Acetone	11.9	J	3.1	3.1	31.2	ug/Kg
75-15-0	Carbon Disulfide	0.62	U	0.62	0.62	6.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	0.62	6.2	ug/Kg
79-20-9	Methyl Acetate	1.2	U	1.2	1.2	6.2	ug/Kg
75-09-2	Methylene Chloride	0.62	U	0.62	0.62	6.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
110-82-7	Cyclohexane	0.62	U	0.62	0.62	6.2	ug/Kg
78-93-3	2-Butanone	9.4	U	3.9	9.4	31.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	0.62	0.62	6.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
74-97-5	Bromochloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	0.62	6.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
108-87-2	Methylcyclohexane	1.9	J	0.62	0.62	6.2	ug/Kg
71-43-2	Benzene	0.62	U	0.47	0.62	6.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
79-01-6	Trichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.32	0.62	6.2	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	3.1	31.2	ug/Kg
108-88-3	Toluene	0.62	U	0.62	0.62	6.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.62	U	0.62	0.62	6.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	0.62	6.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048055.D	1		12/10/15 21:30	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.2	U	1.1	1.2	6.2	ug/Kg
591-78-6	2-Hexanone	3.1	U	3.1	3.1	31.2	ug/Kg
124-48-1	Dibromochloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.62	U	0.62	0.62	6.2	ug/Kg
127-18-4	Tetrachloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
108-90-7	Chlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
100-41-4	Ethyl Benzene	0.62	U	0.62	0.62	6.2	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.9	1.2	12.5	ug/Kg
95-47-6	o-Xylene	0.62	U	0.62	0.62	6.2	ug/Kg
100-42-5	Styrene	0.62	U	0.56	0.62	6.2	ug/Kg
75-25-2	Bromoform	1.9	U	0.92	1.9	6.2	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.6	0.62	6.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	0.57	0.62	6.2	ug/Kg
103-65-1	n-propylbenzene	0.62	U	0.45	0.62	6.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.62	U	0.56	0.62	6.2	ug/Kg
98-06-6	tert-Butylbenzene	0.62	U	0.62	0.62	6.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.62	U	0.62	0.62	6.2	ug/Kg
135-98-8	sec-Butylbenzene	0.62	U	0.62	0.62	6.2	ug/Kg
99-87-6	p-Isopropyltoluene	0.62	U	0.36	0.62	6.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.62	U	0.46	0.62	6.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.62	U	0.51	0.62	6.2	ug/Kg
104-51-8	n-Butylbenzene	0.62	U	0.57	0.62	6.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U	1.1	6.2	6.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
91-20-3	Naphthalene	0.62	U	0.56	0.62	6.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.2	U	0.62	1.2	6.2	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	120	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	37.2		56 - 120		74%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	33.8		67 - 123		68%	SPK: 50
460-00-4	4-Bromofluorobenzene	11.7	*	33 - 141		23%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048055.D	1		12/10/15 21:30	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	216166	6.3				
540-36-3	1,4-Difluorobenzene	328929	7.43				
3114-55-4	Chlorobenzene-d5	194412	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	28572	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048097.D	1		12/14/15 20:17	VD121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.63	U	0.63	0.63	6.3	ug/Kg
74-87-3	Chloromethane	0.63	U	0.63	0.63	6.3	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	0.63	6.3	ug/Kg
74-83-9	Bromomethane	1.3	U	1.3	1.3	6.3	ug/Kg
75-00-3	Chloroethane	0.63	U	0.63	0.63	6.3	ug/Kg
75-69-4	Trichlorofluoromethane	0.63	U	0.63	0.63	6.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.63	U	0.63	0.63	6.3	ug/Kg
75-35-4	1,1-Dichloroethene	0.63	U	0.63	0.63	6.3	ug/Kg
67-64-1	Acetone	10.2	J	3.1	3.1	31.3	ug/Kg
75-15-0	Carbon Disulfide	0.63	U	0.63	0.63	6.3	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.63	U	0.63	0.63	6.3	ug/Kg
79-20-9	Methyl Acetate	1.3	U	1.3	1.3	6.3	ug/Kg
75-09-2	Methylene Chloride	0.63	U	0.63	0.63	6.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.63	U	0.63	0.63	6.3	ug/Kg
75-34-3	1,1-Dichloroethane	0.63	U	0.63	0.63	6.3	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	0.63	6.3	ug/Kg
78-93-3	2-Butanone	9.4	U	3.9	9.4	31.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.63	U	0.63	0.63	6.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.63	U	0.63	0.63	6.3	ug/Kg
74-97-5	Bromochloromethane	0.63	U	0.63	0.63	6.3	ug/Kg
67-66-3	Chloroform	0.63	U	0.63	0.63	6.3	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.63	U	0.63	0.63	6.3	ug/Kg
108-87-2	Methylcyclohexane	0.63	U	0.63	0.63	6.3	ug/Kg
71-43-2	Benzene	0.63	U	0.48	0.63	6.3	ug/Kg
107-06-2	1,2-Dichloroethane	0.63	U	0.63	0.63	6.3	ug/Kg
79-01-6	Trichloroethene	0.63	U	0.63	0.63	6.3	ug/Kg
78-87-5	1,2-Dichloropropane	0.63	U	0.33	0.63	6.3	ug/Kg
75-27-4	Bromodichloromethane	0.63	U	0.63	0.63	6.3	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	3.1	31.3	ug/Kg
108-88-3	Toluene	0.63	U	0.63	0.63	6.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.63	U	0.63	0.63	6.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.63	U	0.63	0.63	6.3	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048097.D	1		12/14/15 20:17	VD121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.3	U	1.1	1.3	6.3	ug/Kg
591-78-6	2-Hexanone	3.1	U	3.1	3.1	31.3	ug/Kg
124-48-1	Dibromochloromethane	0.63	U	0.63	0.63	6.3	ug/Kg
106-93-4	1,2-Dibromoethane	0.63	U	0.63	0.63	6.3	ug/Kg
127-18-4	Tetrachloroethene	0.63	U	0.63	0.63	6.3	ug/Kg
108-90-7	Chlorobenzene	0.63	U	0.63	0.63	6.3	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	0.63	6.3	ug/Kg
179601-23-1	m/p-Xylenes	1.3	U	0.9	1.3	12.5	ug/Kg
95-47-6	o-Xylene	0.63	U	0.63	0.63	6.3	ug/Kg
100-42-5	Styrene	0.63	U	0.56	0.63	6.3	ug/Kg
75-25-2	Bromoform	1.9	U	0.93	1.9	6.3	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.6	0.63	6.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.63	U	0.58	0.63	6.3	ug/Kg
103-65-1	n-propylbenzene	0.63	U	0.45	0.63	6.3	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.63	U	0.56	0.63	6.3	ug/Kg
98-06-6	tert-Butylbenzene	0.63	U	0.63	0.63	6.3	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.63	U	0.63	0.63	6.3	ug/Kg
135-98-8	sec-Butylbenzene	0.63	U	0.63	0.63	6.3	ug/Kg
99-87-6	p-Isopropyltoluene	0.63	U	0.36	0.63	6.3	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.63	U	0.46	0.63	6.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.63	U	0.51	0.63	6.3	ug/Kg
104-51-8	n-Butylbenzene	0.63	U	0.58	0.63	6.3	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.63	U	0.63	0.63	6.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.3	U	1.1	6.3	6.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.63	U	0.63	0.63	6.3	ug/Kg
91-20-3	Naphthalene	0.63	U	0.56	0.63	6.3	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.3	U	0.63	1.3	6.3	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	130	130	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.2		56 - 120		96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		57 - 135		98%	SPK: 50
2037-26-5	Toluene-d8	38.9		67 - 123		78%	SPK: 50
460-00-4	4-Bromofluorobenzene	17.6		33 - 141		35%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	20.2
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048097.D	1		12/14/15 20:17	VD121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	220490	6.34				
540-36-3	1,4-Difluorobenzene	335203	7.47				
3114-55-4	Chlorobenzene-d5	214047	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	39906	13.95				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048056.D	1		12/10/15 21:57	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.72	U	0.72	0.72	7.2	ug/Kg
74-87-3	Chloromethane	0.72	U	0.72	0.72	7.2	ug/Kg
75-01-4	Vinyl Chloride	0.72	U	0.72	0.72	7.2	ug/Kg
74-83-9	Bromomethane	1.4	U	1.4	1.4	7.2	ug/Kg
75-00-3	Chloroethane	0.72	U	0.72	0.72	7.2	ug/Kg
75-69-4	Trichlorofluoromethane	0.72	U	0.72	0.72	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.72	U	0.72	0.72	7.2	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	0.72	7.2	ug/Kg
67-64-1	Acetone	260		3.6	3.6	36.2	ug/Kg
75-15-0	Carbon Disulfide	1.6	J	0.72	0.72	7.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	0.72	7.2	ug/Kg
79-20-9	Methyl Acetate	1.4	U	1.4	1.4	7.2	ug/Kg
75-09-2	Methylene Chloride	0.72	U	0.72	0.72	7.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.72	U	0.72	0.72	7.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.72	U	0.72	0.72	7.2	ug/Kg
110-82-7	Cyclohexane	0.72	U	0.72	0.72	7.2	ug/Kg
78-93-3	2-Butanone	67.1		4.5	10.9	36.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.72	0.72	7.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.72	U	0.72	0.72	7.2	ug/Kg
74-97-5	Bromochloromethane	0.72	U	0.72	0.72	7.2	ug/Kg
67-66-3	Chloroform	0.72	U	0.72	0.72	7.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	0.72	7.2	ug/Kg
108-87-2	Methylcyclohexane	0.72	U	0.72	0.72	7.2	ug/Kg
71-43-2	Benzene	0.72	U	0.55	0.72	7.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.72	U	0.72	0.72	7.2	ug/Kg
79-01-6	Trichloroethene	0.72	U	0.72	0.72	7.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.72	U	0.38	0.72	7.2	ug/Kg
75-27-4	Bromodichloromethane	0.72	U	0.72	0.72	7.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.6	U	3.6	3.6	36.2	ug/Kg
108-88-3	Toluene	0.72	U	0.72	0.72	7.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	0.72	7.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.72	0.72	7.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048056.D	1		12/10/15 21:57	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.4	U	1.3	1.4	7.2	ug/Kg
591-78-6	2-Hexanone	3.6	U	3.6	3.6	36.2	ug/Kg
124-48-1	Dibromochloromethane	0.72	U	0.72	0.72	7.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	0.72	7.2	ug/Kg
127-18-4	Tetrachloroethene	0.72	U	0.72	0.72	7.2	ug/Kg
108-90-7	Chlorobenzene	0.72	U	0.72	0.72	7.2	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	0.72	7.2	ug/Kg
179601-23-1	m/p-Xylenes	1.4	U	1	1.4	14.5	ug/Kg
95-47-6	o-Xylene	0.72	U	0.72	0.72	7.2	ug/Kg
100-42-5	Styrene	0.72	U	0.65	0.72	7.2	ug/Kg
75-25-2	Bromoform	2.2	U	1.1	2.2	7.2	ug/Kg
98-82-8	Isopropylbenzene	0.72	U	0.7	0.72	7.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.72	U	0.67	0.72	7.2	ug/Kg
103-65-1	n-propylbenzene	0.72	U	0.52	0.72	7.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.72	U	0.65	0.72	7.2	ug/Kg
98-06-6	tert-Butylbenzene	0.72	U	0.72	0.72	7.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.72	U	0.72	0.72	7.2	ug/Kg
135-98-8	sec-Butylbenzene	0.72	U	0.72	0.72	7.2	ug/Kg
99-87-6	p-Isopropyltoluene	0.72	U	0.42	0.72	7.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.54	0.72	7.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.72	U	0.59	0.72	7.2	ug/Kg
104-51-8	n-Butylbenzene	0.72	U	0.67	0.72	7.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.72	U	0.72	0.72	7.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.2	U	1.3	7.2	7.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	0.72	0.72	7.2	ug/Kg
91-20-3	Naphthalene	0.72	U	0.65	0.72	7.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.4	U	0.72	1.4	7.2	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	140	140	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	34.4		56 - 120		69%	SPK: 50
1868-53-7	Dibromofluoromethane	40		57 - 135		80%	SPK: 50
2037-26-5	Toluene-d8	35.6		67 - 123		71%	SPK: 50
460-00-4	4-Bromofluorobenzene	26.6		33 - 141		53%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	31
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048056.D	1		12/10/15 21:57	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	285917	6.31				
540-36-3	1,4-Difluorobenzene	463475	7.43				
3114-55-4	Chlorobenzene-d5	421777	11.57				
3855-82-1	1,4-Dichlorobenzene-d4	170669	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	27
Sample Wt/Vol:	5.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057738.D	10		12/14/15 19:06	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	680	U	680	680	6800	ug/Kg
74-87-3	Chloromethane	680	U	680	680	6800	ug/Kg
75-01-4	Vinyl Chloride	680	U	680	680	6800	ug/Kg
74-83-9	Bromomethane	1400	U	1400	1400	6800	ug/Kg
75-00-3	Chloroethane	680	U	680	680	6800	ug/Kg
75-69-4	Trichlorofluoromethane	680	U	680	680	6800	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	680	U	680	680	6800	ug/Kg
75-35-4	1,1-Dichloroethene	680	U	680	680	6800	ug/Kg
67-64-1	Acetone	3400	U	3400	3400	34200	ug/Kg
75-15-0	Carbon Disulfide	680	U	680	680	6800	ug/Kg
1634-04-4	Methyl tert-butyl Ether	680	U	680	680	6800	ug/Kg
79-20-9	Methyl Acetate	1400	U	1400	1400	6800	ug/Kg
75-09-2	Methylene Chloride	680	U	680	680	6800	ug/Kg
156-60-5	trans-1,2-Dichloroethene	680	U	680	680	6800	ug/Kg
75-34-3	1,1-Dichloroethane	680	U	680	680	6800	ug/Kg
110-82-7	Cyclohexane	680	U	680	680	6800	ug/Kg
78-93-3	2-Butanone	10300	U	4300	10300	34200	ug/Kg
56-23-5	Carbon Tetrachloride	680	U	680	680	6800	ug/Kg
156-59-2	cis-1,2-Dichloroethene	680	U	680	680	6800	ug/Kg
74-97-5	Bromochloromethane	680	U	680	680	6800	ug/Kg
67-66-3	Chloroform	680	U	680	680	6800	ug/Kg
71-55-6	1,1,1-Trichloroethane	680	U	680	680	6800	ug/Kg
108-87-2	Methylcyclohexane	26400		680	680	6800	ug/Kg
71-43-2	Benzene	19100		520	680	6800	ug/Kg
107-06-2	1,2-Dichloroethane	680	U	680	680	6800	ug/Kg
79-01-6	Trichloroethene	680	U	680	680	6800	ug/Kg
78-87-5	1,2-Dichloropropane	680	U	360	680	6800	ug/Kg
75-27-4	Bromodichloromethane	680	U	680	680	6800	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3400	U	3400	3400	34200	ug/Kg
108-88-3	Toluene	45100		680	680	6800	ug/Kg
10061-02-6	t-1,3-Dichloropropene	680	U	680	680	6800	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	680	U	680	680	6800	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	27
Sample Wt/Vol:	5.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057738.D	10		12/14/15 19:06	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1400	U	1200	1400	6800	ug/Kg
591-78-6	2-Hexanone	3400	U	3400	3400	34200	ug/Kg
124-48-1	Dibromochloromethane	680	U	680	680	6800	ug/Kg
106-93-4	1,2-Dibromoethane	680	U	680	680	6800	ug/Kg
127-18-4	Tetrachloroethene	680	U	680	680	6800	ug/Kg
108-90-7	Chlorobenzene	680	U	680	680	6800	ug/Kg
100-41-4	Ethyl Benzene	36100		680	680	6800	ug/Kg
179601-23-1	m/p-Xylenes	93300		980	1400	13700	ug/Kg
95-47-6	o-Xylene	14100		680	680	6800	ug/Kg
100-42-5	Styrene	680	U	620	680	6800	ug/Kg
75-25-2	Bromoform	2100	U	1000	2100	6800	ug/Kg
98-82-8	Isopropylbenzene	9600		660	680	6800	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	680	U	630	680	6800	ug/Kg
103-65-1	n-propylbenzene	44100		490	680	6800	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	12400		620	680	6800	ug/Kg
98-06-6	tert-Butylbenzene	680	U	680	680	6800	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	42700		680	680	6800	ug/Kg
135-98-8	sec-Butylbenzene	5000	J	680	680	6800	ug/Kg
99-87-6	p-Isopropyltoluene	2100	J	400	680	6800	ug/Kg
541-73-1	1,3-Dichlorobenzene	680	U	510	680	6800	ug/Kg
106-46-7	1,4-Dichlorobenzene	680	U	560	680	6800	ug/Kg
104-51-8	n-Butylbenzene	13600		630	680	6800	ug/Kg
95-50-1	1,2-Dichlorobenzene	680	U	680	680	6800	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6800	U	1200	6800	6800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	680	U	680	680	6800	ug/Kg
91-20-3	Naphthalene	34000		620	680	6800	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1400	U	680	1400	6800	ug/Kg
123-91-1	1,4-Dioxane	136700	U	136700	136700	136700	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	35.9		56 - 120		72%	SPK: 50
1868-53-7	Dibromofluoromethane	42.7		57 - 135		85%	SPK: 50
2037-26-5	Toluene-d8	42.9		67 - 123		86%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		33 - 141		88%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	27
Sample Wt/Vol:	5.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057738.D	10		12/14/15 19:06	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	664573	4.86				
540-36-3	1,4-Difluorobenzene	1127220	5.59				
3114-55-4	Chlorobenzene-d5	798878	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	212721	12.5				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048057.D	1		12/10/15 22:24	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.65	U	0.65	0.65	6.5	ug/Kg
74-87-3	Chloromethane	0.65	U	0.65	0.65	6.5	ug/Kg
75-01-4	Vinyl Chloride	0.65	U	0.65	0.65	6.5	ug/Kg
74-83-9	Bromomethane	1.3	U	1.3	1.3	6.5	ug/Kg
75-00-3	Chloroethane	0.65	U	0.65	0.65	6.5	ug/Kg
75-69-4	Trichlorofluoromethane	0.65	U	0.65	0.65	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.65	U	0.65	0.65	6.5	ug/Kg
75-35-4	1,1-Dichloroethene	0.65	U	0.65	0.65	6.5	ug/Kg
67-64-1	Acetone	3.3	U	3.3	3.3	32.6	ug/Kg
75-15-0	Carbon Disulfide	2.2	J	0.65	0.65	6.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	0.65	6.5	ug/Kg
79-20-9	Methyl Acetate	1.3	U	1.3	1.3	6.5	ug/Kg
75-09-2	Methylene Chloride	0.65	U	0.65	0.65	6.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.65	U	0.65	0.65	6.5	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	0.65	6.5	ug/Kg
110-82-7	Cyclohexane	710	E	0.65	0.65	6.5	ug/Kg
78-93-3	2-Butanone	9.8	U	4.1	9.8	32.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.65	U	0.65	0.65	6.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.65	U	0.65	0.65	6.5	ug/Kg
74-97-5	Bromochloromethane	0.65	U	0.65	0.65	6.5	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	0.65	6.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.65	U	0.65	0.65	6.5	ug/Kg
108-87-2	Methylcyclohexane	1700	E	0.65	0.65	6.5	ug/Kg
71-43-2	Benzene	93.2		0.5	0.65	6.5	ug/Kg
107-06-2	1,2-Dichloroethane	0.65	U	0.65	0.65	6.5	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	0.65	6.5	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.34	0.65	6.5	ug/Kg
75-27-4	Bromodichloromethane	0.65	U	0.65	0.65	6.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.3	U	3.3	3.3	32.6	ug/Kg
108-88-3	Toluene	29		0.65	0.65	6.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	0.65	6.5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.65	U	0.65	0.65	6.5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048057.D	1		12/10/15 22:24	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.3	U	1.2	1.3	6.5	ug/Kg
591-78-6	2-Hexanone	3.3	U	3.3	3.3	32.6	ug/Kg
124-48-1	Dibromochloromethane	0.65	U	0.65	0.65	6.5	ug/Kg
106-93-4	1,2-Dibromoethane	0.65	U	0.65	0.65	6.5	ug/Kg
127-18-4	Tetrachloroethene	0.65	U	0.65	0.65	6.5	ug/Kg
108-90-7	Chlorobenzene	0.65	U	0.65	0.65	6.5	ug/Kg
100-41-4	Ethyl Benzene	190		0.65	0.65	6.5	ug/Kg
179601-23-1	m/p-Xylenes	740	E	0.94	1.3	13	ug/Kg
95-47-6	o-Xylene	170		0.65	0.65	6.5	ug/Kg
100-42-5	Styrene	0.65	U	0.59	0.65	6.5	ug/Kg
75-25-2	Bromoform	2	U	0.97	2	6.5	ug/Kg
98-82-8	Isopropylbenzene	150		0.63	0.65	6.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.65	U	0.6	0.65	6.5	ug/Kg
103-65-1	n-propylbenzene	280	E	0.47	0.65	6.5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	400	E	0.59	0.65	6.5	ug/Kg
98-06-6	tert-Butylbenzene	0.65	U	0.65	0.65	6.5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	870	E	0.65	0.65	6.5	ug/Kg
135-98-8	sec-Butylbenzene	34.1		0.65	0.65	6.5	ug/Kg
99-87-6	p-Isopropyltoluene	29.4		0.38	0.65	6.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.65	U	0.48	0.65	6.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.65	U	0.53	0.65	6.5	ug/Kg
104-51-8	n-Butylbenzene	87.2		0.6	0.65	6.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.65	U	0.65	0.65	6.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.5	U	1.1	6.5	6.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.65	U	0.65	0.65	6.5	ug/Kg
91-20-3	Naphthalene	66.1		0.59	0.65	6.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.3	U	0.65	1.3	6.5	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	130	130	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.9		56 - 120		86%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		57 - 135		100%	SPK: 50
2037-26-5	Toluene-d8	62.3	*	67 - 123		125%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		33 - 141		99%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048057.D	1		12/10/15 22:24	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	253719	6.31				
540-36-3	1,4-Difluorobenzene	379460	7.43				
3114-55-4	Chlorobenzene-d5	404725	11.57				
3855-82-1	1,4-Dichlorobenzene-d4	186112	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)ME	SDG No.:	G4725
Lab Sample ID:	G4725-06ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057733.D	1		12/14/15 16:50	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	65.7	UD	65.7	65.7	660	ug/Kg
74-87-3	Chloromethane	65.7	UD	65.7	65.7	660	ug/Kg
75-01-4	Vinyl Chloride	65.7	UD	65.7	65.7	660	ug/Kg
74-83-9	Bromomethane	130	UD	130	130	660	ug/Kg
75-00-3	Chloroethane	65.7	UD	65.7	65.7	660	ug/Kg
75-69-4	Trichlorofluoromethane	65.7	UD	65.7	65.7	660	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	65.7	UD	65.7	65.7	660	ug/Kg
75-35-4	1,1-Dichloroethene	65.7	UD	65.7	65.7	660	ug/Kg
67-64-1	Acetone	330	UD	330	330	3300	ug/Kg
75-15-0	Carbon Disulfide	65.7	UD	65.7	65.7	660	ug/Kg
1634-04-4	Methyl tert-butyl Ether	65.7	UD	65.7	65.7	660	ug/Kg
79-20-9	Methyl Acetate	130	UD	130	130	660	ug/Kg
75-09-2	Methylene Chloride	65.7	UD	65.7	65.7	660	ug/Kg
156-60-5	trans-1,2-Dichloroethene	65.7	UD	65.7	65.7	660	ug/Kg
75-34-3	1,1-Dichloroethane	65.7	UD	65.7	65.7	660	ug/Kg
110-82-7	Cyclohexane	920	D	65.7	65.7	660	ug/Kg
78-93-3	2-Butanone	990	UD	410	990	3300	ug/Kg
56-23-5	Carbon Tetrachloride	65.7	UD	65.7	65.7	660	ug/Kg
156-59-2	cis-1,2-Dichloroethene	65.7	UD	65.7	65.7	660	ug/Kg
74-97-5	Bromochloromethane	65.7	UD	65.7	65.7	660	ug/Kg
67-66-3	Chloroform	65.7	UD	65.7	65.7	660	ug/Kg
71-55-6	1,1,1-Trichloroethane	65.7	UD	65.7	65.7	660	ug/Kg
108-87-2	Methylcyclohexane	7000	D	65.7	65.7	660	ug/Kg
71-43-2	Benzene	1200	D	50	65.7	660	ug/Kg
107-06-2	1,2-Dichloroethane	65.7	UD	65.7	65.7	660	ug/Kg
79-01-6	Trichloroethene	65.7	UD	65.7	65.7	660	ug/Kg
78-87-5	1,2-Dichloropropane	65.7	UD	34.2	65.7	660	ug/Kg
75-27-4	Bromodichloromethane	65.7	UD	65.7	65.7	660	ug/Kg
108-10-1	4-Methyl-2-Pentanone	330	UD	330	330	3300	ug/Kg
108-88-3	Toluene	470	JD	65.7	65.7	660	ug/Kg
10061-02-6	t-1,3-Dichloropropene	65.7	UD	65.7	65.7	660	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	65.7	UD	65.7	65.7	660	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)ME	SDG No.:	G4725
Lab Sample ID:	G4725-06ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057733.D	1		12/14/15 16:50	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	130	UD	120	130	660	ug/Kg
591-78-6	2-Hexanone	330	UD	330	330	3300	ug/Kg
124-48-1	Dibromochloromethane	65.7	UD	65.7	65.7	660	ug/Kg
106-93-4	1,2-Dibromoethane	65.7	UD	65.7	65.7	660	ug/Kg
127-18-4	Tetrachloroethene	65.7	UD	65.7	65.7	660	ug/Kg
108-90-7	Chlorobenzene	65.7	UD	65.7	65.7	660	ug/Kg
100-41-4	Ethyl Benzene	780	D	65.7	65.7	660	ug/Kg
179601-23-1	m/p-Xylenes	2800	D	94.7	130	1300	ug/Kg
95-47-6	o-Xylene	290	JD	65.7	65.7	660	ug/Kg
100-42-5	Styrene	65.7	UD	59.2	65.7	660	ug/Kg
75-25-2	Bromoform	200	UD	97.3	200	660	ug/Kg
98-82-8	Isopropylbenzene	730	D	63.1	65.7	660	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	65.7	UD	60.5	65.7	660	ug/Kg
103-65-1	n-propylbenzene	2700	D	47.3	65.7	660	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	720	D	59.2	65.7	660	ug/Kg
98-06-6	tert-Butylbenzene	65.7	UD	65.7	65.7	660	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2100	D	65.7	65.7	660	ug/Kg
135-98-8	sec-Butylbenzene	310	JD	65.7	65.7	660	ug/Kg
99-87-6	p-Isopropyltoluene	65.7	UD	38.1	65.7	660	ug/Kg
541-73-1	1,3-Dichlorobenzene	65.7	UD	48.7	65.7	660	ug/Kg
106-46-7	1,4-Dichlorobenzene	65.7	UD	53.9	65.7	660	ug/Kg
104-51-8	n-Butylbenzene	840	D	60.5	65.7	660	ug/Kg
95-50-1	1,2-Dichlorobenzene	65.7	UD	65.7	65.7	660	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	660	UD	110	660	660	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	65.7	UD	65.7	65.7	660	ug/Kg
91-20-3	Naphthalene	850	D	59.2	65.7	660	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	130	UD	65.7	130	660	ug/Kg
123-91-1	1,4-Dioxane	13100	UD	13100	13100	13100	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.6		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		57 - 135		91%	SPK: 50
2037-26-5	Toluene-d8	45.3		67 - 123		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		33 - 141		99%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)ME	SDG No.:	G4725
Lab Sample ID:	G4725-06ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.8
Sample Wt/Vol:	4.99 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VH057733.D	1		12/14/15 16:50	VH121415

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	572070	4.86				
540-36-3	1,4-Difluorobenzene	987164	5.58				
3114-55-4	Chlorobenzene-d5	762464	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	227872	12.5				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048058.D	1		12/10/15 22:51	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.62	U	0.62	0.62	6.2	ug/Kg
74-87-3	Chloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-01-4	Vinyl Chloride	0.62	U	0.62	0.62	6.2	ug/Kg
74-83-9	Bromomethane	1.2	U	1.2	1.2	6.2	ug/Kg
75-00-3	Chloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-69-4	Trichlorofluoromethane	0.62	U	0.62	0.62	6.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.62	U	0.62	0.62	6.2	ug/Kg
75-35-4	1,1-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
67-64-1	Acetone	75.2		3.1	3.1	30.8	ug/Kg
75-15-0	Carbon Disulfide	0.62	U	0.62	0.62	6.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	0.62	6.2	ug/Kg
79-20-9	Methyl Acetate	1.2	U	1.2	1.2	6.2	ug/Kg
75-09-2	Methylene Chloride	0.62	U	0.62	0.62	6.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
110-82-7	Cyclohexane	0.62	U	0.62	0.62	6.2	ug/Kg
78-93-3	2-Butanone	15.8	J	3.8	9.2	30.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.62	U	0.62	0.62	6.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
74-97-5	Bromochloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	0.62	6.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
108-87-2	Methylcyclohexane	0.62	U	0.62	0.62	6.2	ug/Kg
71-43-2	Benzene	0.62	U	0.47	0.62	6.2	ug/Kg
107-06-2	1,2-Dichloroethane	0.62	U	0.62	0.62	6.2	ug/Kg
79-01-6	Trichloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.32	0.62	6.2	ug/Kg
75-27-4	Bromodichloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	3.1	30.8	ug/Kg
108-88-3	Toluene	0.62	U	0.62	0.62	6.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.62	U	0.62	0.62	6.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	0.62	6.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048058.D	1		12/10/15 22:51	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.2	U	1.1	1.2	6.2	ug/Kg
591-78-6	2-Hexanone	3.1	U	3.1	3.1	30.8	ug/Kg
124-48-1	Dibromochloromethane	0.62	U	0.62	0.62	6.2	ug/Kg
106-93-4	1,2-Dibromoethane	0.62	U	0.62	0.62	6.2	ug/Kg
127-18-4	Tetrachloroethene	0.62	U	0.62	0.62	6.2	ug/Kg
108-90-7	Chlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
100-41-4	Ethyl Benzene	0.62	U	0.62	0.62	6.2	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.89	1.2	12.3	ug/Kg
95-47-6	o-Xylene	0.62	U	0.62	0.62	6.2	ug/Kg
100-42-5	Styrene	0.62	U	0.55	0.62	6.2	ug/Kg
75-25-2	Bromoform	1.8	U	0.91	1.8	6.2	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.59	0.62	6.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	0.57	0.62	6.2	ug/Kg
103-65-1	n-propylbenzene	0.62	U	0.44	0.62	6.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.62	U	0.55	0.62	6.2	ug/Kg
98-06-6	tert-Butylbenzene	0.62	U	0.62	0.62	6.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1.4	J	0.62	0.62	6.2	ug/Kg
135-98-8	sec-Butylbenzene	0.62	U	0.62	0.62	6.2	ug/Kg
99-87-6	p-Isopropyltoluene	0.62	U	0.36	0.62	6.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.62	U	0.46	0.62	6.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.62	U	0.5	0.62	6.2	ug/Kg
104-51-8	n-Butylbenzene	0.62	U	0.57	0.62	6.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.2	U	1.1	6.2	6.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.62	U	0.62	0.62	6.2	ug/Kg
91-20-3	Naphthalene	1.4	J	0.55	0.62	6.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.2	U	0.62	1.2	6.2	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	120	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	38.4		56 - 120		77%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	41		67 - 123		82%	SPK: 50
460-00-4	4-Bromofluorobenzene	27.2		33 - 141		54%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048058.D	1		12/10/15 22:51	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	279988	6.31				
540-36-3	1,4-Difluorobenzene	428983	7.43				
3114-55-4	Chlorobenzene-d5	366300	11.57				
3855-82-1	1,4-Dichlorobenzene-d4	118403	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048073.D	1		12/11/15 17:45	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.61	U	0.61	0.61	6.1	ug/Kg
74-87-3	Chloromethane	0.61	U	0.61	0.61	6.1	ug/Kg
75-01-4	Vinyl Chloride	0.61	U	0.61	0.61	6.1	ug/Kg
74-83-9	Bromomethane	1.2	U	1.2	1.2	6.1	ug/Kg
75-00-3	Chloroethane	0.61	U	0.61	0.61	6.1	ug/Kg
75-69-4	Trichlorofluoromethane	0.61	U	0.61	0.61	6.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	0.61	0.61	6.1	ug/Kg
75-35-4	1,1-Dichloroethene	0.61	U	0.61	0.61	6.1	ug/Kg
67-64-1	Acetone	72.1		3.1	3.1	30.7	ug/Kg
75-15-0	Carbon Disulfide	0.61	U	0.61	0.61	6.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.61	U	0.61	0.61	6.1	ug/Kg
79-20-9	Methyl Acetate	1.2	U	1.2	1.2	6.1	ug/Kg
75-09-2	Methylene Chloride	2.1	JQ	0.61	0.61	6.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.61	U	0.61	0.61	6.1	ug/Kg
75-34-3	1,1-Dichloroethane	0.61	U	0.61	0.61	6.1	ug/Kg
110-82-7	Cyclohexane	0.61	U	0.61	0.61	6.1	ug/Kg
78-93-3	2-Butanone	15.2	J	3.8	9.2	30.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.61	U	0.61	0.61	6.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	0.61	6.1	ug/Kg
74-97-5	Bromochloromethane	0.61	U	0.61	0.61	6.1	ug/Kg
67-66-3	Chloroform	0.61	U	0.61	0.61	6.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.61	U	0.61	0.61	6.1	ug/Kg
108-87-2	Methylcyclohexane	0.61	U	0.61	0.61	6.1	ug/Kg
71-43-2	Benzene	0.61	U	0.47	0.61	6.1	ug/Kg
107-06-2	1,2-Dichloroethane	0.61	U	0.61	0.61	6.1	ug/Kg
79-01-6	Trichloroethene	0.61	U	0.61	0.61	6.1	ug/Kg
78-87-5	1,2-Dichloropropane	0.61	U	0.32	0.61	6.1	ug/Kg
75-27-4	Bromodichloromethane	0.61	U	0.61	0.61	6.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.1	U	3.1	3.1	30.7	ug/Kg
108-88-3	Toluene	0.61	U	0.61	0.61	6.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	0.61	6.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.61	U	0.61	0.61	6.1	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048073.D	1		12/11/15 17:45	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.2	U	1.1	1.2	6.1	ug/Kg
591-78-6	2-Hexanone	3.1	U	3.1	3.1	30.7	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	0.61	6.1	ug/Kg
106-93-4	1,2-Dibromoethane	0.61	U	0.61	0.61	6.1	ug/Kg
127-18-4	Tetrachloroethene	0.61	U	0.61	0.61	6.1	ug/Kg
108-90-7	Chlorobenzene	0.61	U	0.61	0.61	6.1	ug/Kg
100-41-4	Ethyl Benzene	0.61	U	0.61	0.61	6.1	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.88	1.2	12.3	ug/Kg
95-47-6	o-Xylene	0.61	U	0.61	0.61	6.1	ug/Kg
100-42-5	Styrene	0.61	U	0.55	0.61	6.1	ug/Kg
75-25-2	Bromoform	1.8	U	0.91	1.8	6.1	ug/Kg
98-82-8	Isopropylbenzene	0.61	U	0.59	0.61	6.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.61	U	0.57	0.61	6.1	ug/Kg
103-65-1	n-propylbenzene	0.61	U	0.44	0.61	6.1	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.61	U	0.55	0.61	6.1	ug/Kg
98-06-6	tert-Butylbenzene	0.61	U	0.61	0.61	6.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.61	U	0.61	0.61	6.1	ug/Kg
135-98-8	sec-Butylbenzene	0.61	U	0.61	0.61	6.1	ug/Kg
99-87-6	p-Isopropyltoluene	0.61	U	0.36	0.61	6.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.61	U	0.45	0.61	6.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.61	U	0.5	0.61	6.1	ug/Kg
104-51-8	n-Butylbenzene	0.61	U	0.57	0.61	6.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	0.61	6.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U	1.1	6.1	6.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.61	U	0.61	0.61	6.1	ug/Kg
91-20-3	Naphthalene	0.61	U	0.55	0.61	6.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.2	U	0.61	1.2	6.1	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	120	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	36.6		56 - 120		73%	SPK: 50
1868-53-7	Dibromofluoromethane	43.8		57 - 135		88%	SPK: 50
2037-26-5	Toluene-d8	39.4		67 - 123		79%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.5		33 - 141		59%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.6
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048073.D	1		12/11/15 17:45	VD121115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	260846	6.31				
540-36-3	1,4-Difluorobenzene	395137	7.43				
3114-55-4	Chlorobenzene-d5	356412	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	130581	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.3
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048059.D	1		12/10/15 23:17	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.59	U	0.59	0.59	5.9	ug/Kg
74-87-3	Chloromethane	0.59	U	0.59	0.59	5.9	ug/Kg
75-01-4	Vinyl Chloride	2.1	J	0.59	0.59	5.9	ug/Kg
74-83-9	Bromomethane	1.2	U	1.2	1.2	5.9	ug/Kg
75-00-3	Chloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
75-69-4	Trichlorofluoromethane	0.59	U	0.59	0.59	5.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.59	U	0.59	0.59	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
67-64-1	Acetone	12.3	J	2.9	2.9	29.5	ug/Kg
75-15-0	Carbon Disulfide	0.59	U	0.59	0.59	5.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	0.59	5.9	ug/Kg
79-20-9	Methyl Acetate	1.2	U	1.2	1.2	5.9	ug/Kg
75-09-2	Methylene Chloride	0.59	U	0.59	0.59	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
110-82-7	Cyclohexane	0.59	U	0.59	0.59	5.9	ug/Kg
78-93-3	2-Butanone	8.8	U	3.7	8.8	29.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.59	U	0.59	0.59	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	10.4		0.59	0.59	5.9	ug/Kg
74-97-5	Bromochloromethane	0.59	U	0.59	0.59	5.9	ug/Kg
67-66-3	Chloroform	0.59	U	0.59	0.59	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
108-87-2	Methylcyclohexane	0.59	U	0.59	0.59	5.9	ug/Kg
71-43-2	Benzene	0.59	U	0.45	0.59	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
79-01-6	Trichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
78-87-5	1,2-Dichloropropane	0.59	U	0.31	0.59	5.9	ug/Kg
75-27-4	Bromodichloromethane	0.59	U	0.59	0.59	5.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.9	U	2.9	2.9	29.5	ug/Kg
108-88-3	Toluene	0.59	U	0.59	0.59	5.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	0.59	5.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.59	U	0.59	0.59	5.9	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.3
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048059.D	1		12/10/15 23:17	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	1.2	U	1.1	1.2	5.9	ug/Kg
591-78-6	2-Hexanone	2.9	U	2.9	2.9	29.5	ug/Kg
124-48-1	Dibromochloromethane	0.59	U	0.59	0.59	5.9	ug/Kg
106-93-4	1,2-Dibromoethane	0.59	U	0.59	0.59	5.9	ug/Kg
127-18-4	Tetrachloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
108-90-7	Chlorobenzene	0.59	U	0.59	0.59	5.9	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	0.59	0.59	5.9	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.85	1.2	11.8	ug/Kg
95-47-6	o-Xylene	0.59	U	0.59	0.59	5.9	ug/Kg
100-42-5	Styrene	0.59	U	0.53	0.59	5.9	ug/Kg
75-25-2	Bromoform	1.8	U	0.87	1.8	5.9	ug/Kg
98-82-8	Isopropylbenzene	0.59	U	0.57	0.59	5.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.59	U	0.54	0.59	5.9	ug/Kg
103-65-1	n-propylbenzene	0.59	U	0.42	0.59	5.9	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.59	U	0.53	0.59	5.9	ug/Kg
98-06-6	tert-Butylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
135-98-8	sec-Butylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
99-87-6	p-Isopropyltoluene	0.59	U	0.34	0.59	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.59	U	0.44	0.59	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.59	U	0.48	0.59	5.9	ug/Kg
104-51-8	n-Butylbenzene	0.59	U	0.54	0.59	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.59	U	0.59	0.59	5.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	1	5.9	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.59	U	0.59	0.59	5.9	ug/Kg
91-20-3	Naphthalene	0.59	U	0.53	0.59	5.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.2	U	0.59	1.2	5.9	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	120	120	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	35.4		56 - 120		71%	SPK: 50
1868-53-7	Dibromofluoromethane	37.3		57 - 135		75%	SPK: 50
2037-26-5	Toluene-d8	39.9		67 - 123		80%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.3		33 - 141		71%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.3
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD048059.D	1		12/10/15 23:17	VD121015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	334565	6.31				
540-36-3	1,4-Difluorobenzene	557787	7.43				
3114-55-4	Chlorobenzene-d5	542534	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	248140	13.92				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4725	OrderDate:	12/9/2015 12:56:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	K53

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4725-01	SB1(9-10)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-02	SB2(2-4)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-02RE	SB2(2-4)RE	SOIL	VOCMS Group1	8260C	12/08/15		12/11/15	12/09/15
G4725-03	SB3(2-4)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-03RE	SB3(2-4)RE	SOIL	VOCMS Group1	8260C	12/08/15		12/14/15	12/09/15
G4725-04	SB4(12-14)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-05	SB5A(9-10)	SOIL	VOCMS Group1	8260C	12/08/15		12/14/15	12/09/15
G4725-06	SB6(4-8)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-06ME	SB6(4-8)ME	SOIL	VOCMS Group1	8260C	12/08/15		12/14/15	12/09/15
G4725-07	SB7(2-4)	SOIL	VOCMS Group1	8260C	12/08/15		12/10/15	12/09/15
G4725-07RE	SB7(2-4)RE	SOIL	VOCMS Group1	8260C	12/08/15		12/11/15	12/09/15
G4725-08	SB8(18-20)	SOIL			12/08/15			12/09/15

LAB CHRONICLE

VOCMS Group1

8260C

12/10/15



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet SW-846

SDG No.: G4725

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SB1(9-10)									
G4725-01	SB1(9-10)	SOIL	Phenol	120.000	J	11.1	48.3	480	ug/Kg
G4725-01	SB1(9-10)	SOIL	Dimethylphthalate	610.000		13	48.3	480	ug/Kg
Total Svoc :				730.00					
Total Concentration:				730.00					
Client ID : SB2(2-4)									
G4725-02	SB2(2-4)	SOIL	Phenol	87.400	J	8.6	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	2-Methylnaphthalene	80.000	J	9.3	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Dimethylphthalate	410.000		10	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Phenanthrene	340.000	J	10	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Anthracene	81.500	J	7.6	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Fluoranthene	430.000		7.4	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Pyrene	310.000	J	8.9	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Benzo(a)anthracene	190.000	J	17.7	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Chrysene	170.000	J	16.8	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Benzo(b)fluoranthene	200.000	J	12.1	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Benzo(a)pyrene	160.000	J	8	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Indeno(1,2,3-cd)pyrene	95.900	J	12.3	37	370	ug/Kg
G4725-02	SB2(2-4)	SOIL	Benzo(g,h,i)perylene	100.000	J	15	37	370	ug/Kg
Total Svoc :				2,654.80					
Total Concentration:				2,654.80					
Client ID : SB3(2-4)									
G4725-03	SB3(2-4)	SOIL	Phenol	97.900	J	9.6	41.7	410	ug/Kg
G4725-03	SB3(2-4)	SOIL	Naphthalene	99.600	J	14.4	41.7	410	ug/Kg
G4725-03	SB3(2-4)	SOIL	2-Methylnaphthalene	160.000	J	10.5	41.7	410	ug/Kg
G4725-03	SB3(2-4)	SOIL	Dimethylphthalate	640.000		11.2	41.7	410	ug/Kg
G4725-03	SB3(2-4)	SOIL	Phenanthrene	130.000	J	11.2	41.7	410	ug/Kg
Total Svoc :				1,127.50					
Total Concentration:				1,127.50					
Client ID : SB4(12-14)									
G4725-04	SB4(12-14)	SOIL	Dimethylphthalate	500.000		13	48.3	480	ug/Kg
Total Svoc :				500.00					
Total Concentration:				500.00					
Client ID : SB5A(9-10)									
G4725-05	SB5A(9-10)	SOIL	Naphthalene	600.000		15.7	45.5	450	ug/Kg
G4725-05	SB5A(9-10)	SOIL	2-Methylnaphthalene	210.000	J	11.5	45.5	450	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Dimethylphthalate	630.000		12.3	45.5	450	ug/Kg
G4725-05	SB5A(9-10)	SOIL	Phenanthrene	120.000	J	12.3	45.5	450	ug/Kg
Total Svoc :				1,560.00					

Hit Summary Sheet SW-846

SDG No.: G4725

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Concentration:				1,560.00					
Client ID :	SB6(4-8)								
G4725-06	SB6(4-8)	SOIL	Dimethylphthalate	500.000		11.8	43.6	430	ug/Kg
Total Svoc :				500.00					
Total Concentration:				500.00					
Client ID :	SB7(2-4)								
G4725-07	SB7(2-4)	SOIL	Dimethylphthalate	460.000		11	40.9	400	ug/Kg
G4725-07	SB7(2-4)	SOIL	Phenanthrene	110.000	J	11	40.9	400	ug/Kg
Total Svoc :				570.00					
Total Concentration:				570.00					
Client ID :	SB8(18-20)								
G4725-08	SB8(18-20)	SOIL	Dimethylphthalate	420.000		10.6	39.3	390	ug/Kg
Total Svoc :				420.00					
Total Concentration:				420.00					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003472.D	1	12/09/15 08:58	12/11/15 02:59	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	48.3	U	25.2	48.3	480	ug/Kg
108-95-2	Phenol	120	J	11.1	48.3	480	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	48.3	U	23.2	48.3	480	ug/Kg
95-57-8	2-Chlorophenol	48.3	U	25.5	48.3	480	ug/Kg
95-48-7	2-Methylphenol	48.3	U	26.2	48.3	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48.3	U	20	48.3	480	ug/Kg
98-86-2	Acetophenone	48.3	U	14.8	48.3	480	ug/Kg
65794-96-9	3+4-Methylphenols	48.3	U	25.1	48.3	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.3	U	24.3	48.3	480	ug/Kg
67-72-1	Hexachloroethane	48.3	U	21.6	48.3	480	ug/Kg
98-95-3	Nitrobenzene	48.3	U	18.2	48.3	480	ug/Kg
78-59-1	Isophorone	48.3	U	15.9	48.3	480	ug/Kg
88-75-5	2-Nitrophenol	48.3	U	23.3	48.3	480	ug/Kg
105-67-9	2,4-Dimethylphenol	48.3	U	27.4	48.3	480	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	48.3	U	27.8	48.3	480	ug/Kg
120-83-2	2,4-Dichlorophenol	48.3	U	18.4	48.3	480	ug/Kg
91-20-3	Naphthalene	48.3	U	16.7	48.3	480	ug/Kg
106-47-8	4-Chloroaniline	48.3	U	34	48.3	480	ug/Kg
87-68-3	Hexachlorobutadiene	48.3	U	17.5	48.3	480	ug/Kg
105-60-2	Caprolactam	96.5	U	22.4	96.5	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.3	U	21.4	48.3	480	ug/Kg
91-57-6	2-Methylnaphthalene	48.3	U	12.2	48.3	480	ug/Kg
77-47-4	Hexachlorocyclopentadiene	48.3	U	11.7	48.3	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	14.8	48.3	480	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	33.9	48.3	480	ug/Kg
92-52-4	1,1-Biphenyl	48.3	U	18.2	48.3	480	ug/Kg
91-58-7	2-Chloronaphthalene	48.3	U	11	48.3	480	ug/Kg
88-74-4	2-Nitroaniline	48.3	U	21.4	48.3	480	ug/Kg
131-11-3	Dimethylphthalate	610		13	48.3	480	ug/Kg
208-96-8	Acenaphthylene	48.3	U	12.2	48.3	480	ug/Kg
606-20-2	2,6-Dinitrotoluene	48.3	U	19.7	48.3	480	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003472.D	1	12/09/15 08:58	12/11/15 02:59	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	96.5	U	31	96.5	480	ug/Kg
83-32-9	Acenaphthene	48.3	U	13.6	48.3	480	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	49.1	390	480	ug/Kg
100-02-7	4-Nitrophenol	240	U	89.6	240	480	ug/Kg
132-64-9	Dibenzofuran	48.3	U	18.8	48.3	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	48.3	U	14.5	48.3	480	ug/Kg
84-66-2	Diethylphthalate	48.3	U	7.5	48.3	480	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48.3	U	26.2	48.3	480	ug/Kg
86-73-7	Fluorene	48.3	U	18.2	48.3	480	ug/Kg
100-01-6	4-Nitroaniline	96.5	U	62.8	96.5	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	27.7	240	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.3	U	11.6	48.3	480	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.3	U	9.4	48.3	480	ug/Kg
118-74-1	Hexachlorobenzene	48.3	U	19.7	48.3	480	ug/Kg
1912-24-9	Atrazine	48.3	U	25.5	48.3	480	ug/Kg
87-86-5	Pentachlorophenol	48.3	U	33	48.3	480	ug/Kg
85-01-8	Phenanthrene	48.3	U	13	48.3	480	ug/Kg
120-12-7	Anthracene	48.3	U	9.8	48.3	480	ug/Kg
86-74-8	Carbazole	48.3	U	10.6	48.3	480	ug/Kg
84-74-2	Di-n-butylphthalate	48.3	U	37.9	48.3	480	ug/Kg
206-44-0	Fluoranthene	48.3	U	9.7	48.3	480	ug/Kg
129-00-0	Pyrene	48.3	U	11.6	48.3	480	ug/Kg
85-68-7	Butylbenzylphthalate	48.3	U	23.2	48.3	480	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48.3	U	31	48.3	480	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	23	48.3	480	ug/Kg
218-01-9	Chrysene	48.3	U	21.9	48.3	480	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48.3	U	17.1	48.3	480	ug/Kg
117-84-0	Di-n-octyl phthalate	48.3	U	5.5	48.3	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.3	U	15.8	48.3	480	ug/Kg
207-08-9	Benzo(k)fluoranthene	48.3	U	22.7	48.3	480	ug/Kg
50-32-8	Benzo(a)pyrene	48.3	U	10.4	48.3	480	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.3	U	16.1	48.3	480	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.3	U	13.9	48.3	480	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003472.D	1	12/09/15 08:58	12/11/15 02:59	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	48.3	U	19.5	48.3	480	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48.3	U	19	48.3	480	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.3	U	19	48.3	480	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	160		28 - 127		104%	SPK: 150
13127-88-3	Phenol-d6	150		34 - 127		102%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.4		31 - 132		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.8		39 - 123		69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		30 - 133		91%	SPK: 150
1718-51-0	Terphenyl-d14	73.4		37 - 115		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73280	7.72				
1146-65-2	Naphthalene-d8	329877	10.51				
15067-26-2	Acenaphthene-d10	195628	14.37				
1517-22-2	Phenanthrene-d10	404829	17.12				
1719-03-5	Chrysene-d12	349111	21.31				
1520-96-3	Perylene-d12	327850	23.56				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003473.D	1	12/09/15 08:58	12/11/15 03:35	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	37	U	19.3	37	370	ug/Kg
108-95-2	Phenol	87.4	J	8.6	37	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	37	U	17.8	37	370	ug/Kg
95-57-8	2-Chlorophenol	37	U	19.6	37	370	ug/Kg
95-48-7	2-Methylphenol	37	U	20.1	37	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	15.3	37	370	ug/Kg
98-86-2	Acetophenone	37	U	11.3	37	370	ug/Kg
65794-96-9	3+4-Methylphenols	37	U	19.2	37	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	37	U	18.7	37	370	ug/Kg
67-72-1	Hexachloroethane	37	U	16.6	37	370	ug/Kg
98-95-3	Nitrobenzene	37	U	14	37	370	ug/Kg
78-59-1	Isophorone	37	U	12.2	37	370	ug/Kg
88-75-5	2-Nitrophenol	37	U	17.9	37	370	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	21	37	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	37	U	21.3	37	370	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	14.1	37	370	ug/Kg
91-20-3	Naphthalene	37	U	12.8	37	370	ug/Kg
106-47-8	4-Chloroaniline	37	U	26.1	37	370	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	13.4	37	370	ug/Kg
105-60-2	Caprolactam	74.1	U	17.2	74.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	16.4	37	370	ug/Kg
91-57-6	2-Methylnaphthalene	80	J	9.3	37	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	37	U	9	37	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	11.3	37	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	26	37	370	ug/Kg
92-52-4	1,1-Biphenyl	37	U	14	37	370	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	8.4	37	370	ug/Kg
88-74-4	2-Nitroaniline	37	U	16.4	37	370	ug/Kg
131-11-3	Dimethylphthalate	410		10	37	370	ug/Kg
208-96-8	Acenaphthylene	37	U	9.3	37	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	15.1	37	370	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003473.D	1	12/09/15 08:58	12/11/15 03:35	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	74.1	U	23.8	74.1	370	ug/Kg
83-32-9	Acenaphthene	37	U	10.4	37	370	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	37.7	300	370	ug/Kg
100-02-7	4-Nitrophenol	190	U	68.8	190	370	ug/Kg
132-64-9	Dibenzofuran	37	U	14.4	37	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	11.1	37	370	ug/Kg
84-66-2	Diethylphthalate	37	U	5.8	37	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	20.1	37	370	ug/Kg
86-73-7	Fluorene	37	U	14	37	370	ug/Kg
100-01-6	4-Nitroaniline	74.1	U	48.2	74.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	21.2	190	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37	U	8.9	37	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	7.2	37	370	ug/Kg
118-74-1	Hexachlorobenzene	37	U	15.1	37	370	ug/Kg
1912-24-9	Atrazine	37	U	19.6	37	370	ug/Kg
87-86-5	Pentachlorophenol	37	U	25.3	37	370	ug/Kg
85-01-8	Phenanthrene	340	J	10	37	370	ug/Kg
120-12-7	Anthracene	81.5	J	7.6	37	370	ug/Kg
86-74-8	Carbazole	37	U	8.1	37	370	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	29.1	37	370	ug/Kg
206-44-0	Fluoranthene	430		7.4	37	370	ug/Kg
129-00-0	Pyrene	310	J	8.9	37	370	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	17.8	37	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	23.8	37	370	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	17.7	37	370	ug/Kg
218-01-9	Chrysene	170	J	16.8	37	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	37	U	13.1	37	370	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	4.2	37	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	12.1	37	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	37	U	17.4	37	370	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	8	37	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.9	J	12.3	37	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	10.7	37	370	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003473.D	1	12/09/15 08:58	12/11/15 03:35	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	100	J	15	37	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	14.6	37	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	14.6	37	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	160		28 - 127		109%	SPK: 150
13127-88-3	Phenol-d6	160		34 - 127		103%	SPK: 150
4165-60-0	Nitrobenzene-d5	110		31 - 132		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.1		39 - 123		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 - 133		98%	SPK: 150
1718-51-0	Terphenyl-d14	81.6		37 - 115		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75142	7.72				
1146-65-2	Naphthalene-d8	316486	10.51				
15067-26-2	Acenaphthene-d10	160699	14.37				
1517-22-2	Phenanthrene-d10	318908	17.12				
1719-03-5	Chrysene-d12	317843	21.31				
1520-96-3	Perylene-d12	321365	23.56				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	20.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003474.D	1	12/09/15 08:58	12/11/15 04:10	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	41.7	U	21.7	41.7	410	ug/Kg
108-95-2	Phenol	97.9	J	9.6	41.7	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	41.7	U	20	41.7	410	ug/Kg
95-57-8	2-Chlorophenol	41.7	U	22	41.7	410	ug/Kg
95-48-7	2-Methylphenol	41.7	U	22.6	41.7	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.7	U	17.2	41.7	410	ug/Kg
98-86-2	Acetophenone	41.7	U	12.7	41.7	410	ug/Kg
65794-96-9	3+4-Methylphenols	41.7	U	21.6	41.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.7	U	21	41.7	410	ug/Kg
67-72-1	Hexachloroethane	41.7	U	18.6	41.7	410	ug/Kg
98-95-3	Nitrobenzene	41.7	U	15.7	41.7	410	ug/Kg
78-59-1	Isophorone	41.7	U	13.7	41.7	410	ug/Kg
88-75-5	2-Nitrophenol	41.7	U	20.1	41.7	410	ug/Kg
105-67-9	2,4-Dimethylphenol	41.7	U	23.6	41.7	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	41.7	U	24	41.7	410	ug/Kg
120-83-2	2,4-Dichlorophenol	41.7	U	15.9	41.7	410	ug/Kg
91-20-3	Naphthalene	99.6	J	14.4	41.7	410	ug/Kg
106-47-8	4-Chloroaniline	41.7	U	29.4	41.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	41.7	U	15.1	41.7	410	ug/Kg
105-60-2	Caprolactam	83.3	U	19.4	83.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41.7	U	18.5	41.7	410	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	10.5	41.7	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	41.7	U	10.1	41.7	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	41.7	U	12.7	41.7	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41.7	U	29.2	41.7	410	ug/Kg
92-52-4	1,1-Biphenyl	41.7	U	15.7	41.7	410	ug/Kg
91-58-7	2-Chloronaphthalene	41.7	U	9.5	41.7	410	ug/Kg
88-74-4	2-Nitroaniline	41.7	U	18.5	41.7	410	ug/Kg
131-11-3	Dimethylphthalate	640		11.2	41.7	410	ug/Kg
208-96-8	Acenaphthylene	41.7	U	10.5	41.7	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	41.7	U	17	41.7	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	20.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003474.D	1	12/09/15 08:58	12/11/15 04:10	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	83.3	U	26.7	83.3	410	ug/Kg
83-32-9	Acenaphthene	41.7	U	11.7	41.7	410	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	42.4	330	410	ug/Kg
100-02-7	4-Nitrophenol	210	U	77.4	210	410	ug/Kg
132-64-9	Dibenzofuran	41.7	U	16.2	41.7	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	41.7	U	12.5	41.7	410	ug/Kg
84-66-2	Diethylphthalate	41.7	U	6.5	41.7	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41.7	U	22.6	41.7	410	ug/Kg
86-73-7	Fluorene	41.7	U	15.7	41.7	410	ug/Kg
100-01-6	4-Nitroaniline	83.3	U	54.2	83.3	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	23.9	210	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	41.7	U	10	41.7	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41.7	U	8.1	41.7	410	ug/Kg
118-74-1	Hexachlorobenzene	41.7	U	17	41.7	410	ug/Kg
1912-24-9	Atrazine	41.7	U	22	41.7	410	ug/Kg
87-86-5	Pentachlorophenol	41.7	U	28.5	41.7	410	ug/Kg
85-01-8	Phenanthrene	130	J	11.2	41.7	410	ug/Kg
120-12-7	Anthracene	41.7	U	8.5	41.7	410	ug/Kg
86-74-8	Carbazole	41.7	U	9.1	41.7	410	ug/Kg
84-74-2	Di-n-butylphthalate	41.7	U	32.7	41.7	410	ug/Kg
206-44-0	Fluoranthene	41.7	U	8.4	41.7	410	ug/Kg
129-00-0	Pyrene	41.7	U	10	41.7	410	ug/Kg
85-68-7	Butylbenzylphthalate	41.7	U	20	41.7	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41.7	U	26.7	41.7	410	ug/Kg
56-55-3	Benzo(a)anthracene	41.7	U	19.9	41.7	410	ug/Kg
218-01-9	Chrysene	41.7	U	18.9	41.7	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	41.7	U	14.7	41.7	410	ug/Kg
117-84-0	Di-n-octyl phthalate	41.7	U	4.7	41.7	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41.7	U	13.6	41.7	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	41.7	U	19.6	41.7	410	ug/Kg
50-32-8	Benzo(a)pyrene	41.7	U	9	41.7	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41.7	U	13.9	41.7	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41.7	U	12	41.7	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	20.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003474.D	1	12/09/15 08:58	12/11/15 04:10	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	41.7	U	16.9	41.7	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41.7	U	16.4	41.7	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41.7	U	16.4	41.7	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		93%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		93%	SPK: 150
4165-60-0	Nitrobenzene-d5	100		31 - 132		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.2		39 - 123		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		30 - 133		68%	SPK: 150
1718-51-0	Terphenyl-d14	61.2		37 - 115		61%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76216	7.72				
1146-65-2	Naphthalene-d8	328476	10.51				
15067-26-2	Acenaphthene-d10	172193	14.37				
1517-22-2	Phenanthrene-d10	335589	17.12				
1719-03-5	Chrysene-d12	326237	21.31				
1520-96-3	Perylene-d12	325661	23.56				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003475.D	1	12/09/15 08:58	12/11/15 04:46	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	48.3	U	25.2	48.3	480	ug/Kg
108-95-2	Phenol	48.3	U	11.1	48.3	480	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	48.3	U	23.2	48.3	480	ug/Kg
95-57-8	2-Chlorophenol	48.3	U	25.5	48.3	480	ug/Kg
95-48-7	2-Methylphenol	48.3	U	26.2	48.3	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48.3	U	20	48.3	480	ug/Kg
98-86-2	Acetophenone	48.3	U	14.8	48.3	480	ug/Kg
65794-96-9	3+4-Methylphenols	48.3	U	25	48.3	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.3	U	24.3	48.3	480	ug/Kg
67-72-1	Hexachloroethane	48.3	U	21.6	48.3	480	ug/Kg
98-95-3	Nitrobenzene	48.3	U	18.2	48.3	480	ug/Kg
78-59-1	Isophorone	48.3	U	15.9	48.3	480	ug/Kg
88-75-5	2-Nitrophenol	48.3	U	23.3	48.3	480	ug/Kg
105-67-9	2,4-Dimethylphenol	48.3	U	27.4	48.3	480	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	48.3	U	27.8	48.3	480	ug/Kg
120-83-2	2,4-Dichlorophenol	48.3	U	18.4	48.3	480	ug/Kg
91-20-3	Naphthalene	48.3	U	16.7	48.3	480	ug/Kg
106-47-8	4-Chloroaniline	48.3	U	34	48.3	480	ug/Kg
87-68-3	Hexachlorobutadiene	48.3	U	17.5	48.3	480	ug/Kg
105-60-2	Caprolactam	96.5	U	22.4	96.5	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.3	U	21.4	48.3	480	ug/Kg
91-57-6	2-Methylnaphthalene	48.3	U	12.2	48.3	480	ug/Kg
77-47-4	Hexachlorocyclopentadiene	48.3	U	11.7	48.3	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	14.8	48.3	480	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	33.9	48.3	480	ug/Kg
92-52-4	1,1-Biphenyl	48.3	U	18.2	48.3	480	ug/Kg
91-58-7	2-Chloronaphthalene	48.3	U	11	48.3	480	ug/Kg
88-74-4	2-Nitroaniline	48.3	U	21.4	48.3	480	ug/Kg
131-11-3	Dimethylphthalate	500		13	48.3	480	ug/Kg
208-96-8	Acenaphthylene	48.3	U	12.2	48.3	480	ug/Kg
606-20-2	2,6-Dinitrotoluene	48.3	U	19.7	48.3	480	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003475.D	1	12/09/15 08:58	12/11/15 04:46	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	96.5	U	31	96.5	480	ug/Kg
83-32-9	Acenaphthene	48.3	U	13.6	48.3	480	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	49.1	390	480	ug/Kg
100-02-7	4-Nitrophenol	240	U	89.6	240	480	ug/Kg
132-64-9	Dibenzofuran	48.3	U	18.8	48.3	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	48.3	U	14.5	48.3	480	ug/Kg
84-66-2	Diethylphthalate	48.3	U	7.5	48.3	480	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48.3	U	26.2	48.3	480	ug/Kg
86-73-7	Fluorene	48.3	U	18.2	48.3	480	ug/Kg
100-01-6	4-Nitroaniline	96.5	U	62.8	96.5	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	27.7	240	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.3	U	11.6	48.3	480	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.3	U	9.4	48.3	480	ug/Kg
118-74-1	Hexachlorobenzene	48.3	U	19.7	48.3	480	ug/Kg
1912-24-9	Atrazine	48.3	U	25.5	48.3	480	ug/Kg
87-86-5	Pentachlorophenol	48.3	U	33	48.3	480	ug/Kg
85-01-8	Phenanthrene	48.3	U	13	48.3	480	ug/Kg
120-12-7	Anthracene	48.3	U	9.8	48.3	480	ug/Kg
86-74-8	Carbazole	48.3	U	10.6	48.3	480	ug/Kg
84-74-2	Di-n-butylphthalate	48.3	U	37.9	48.3	480	ug/Kg
206-44-0	Fluoranthene	48.3	U	9.7	48.3	480	ug/Kg
129-00-0	Pyrene	48.3	U	11.6	48.3	480	ug/Kg
85-68-7	Butylbenzylphthalate	48.3	U	23.2	48.3	480	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48.3	U	31	48.3	480	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	23	48.3	480	ug/Kg
218-01-9	Chrysene	48.3	U	21.9	48.3	480	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48.3	U	17.1	48.3	480	ug/Kg
117-84-0	Di-n-octyl phthalate	48.3	U	5.5	48.3	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.3	U	15.8	48.3	480	ug/Kg
207-08-9	Benzo(k)fluoranthene	48.3	U	22.7	48.3	480	ug/Kg
50-32-8	Benzo(a)pyrene	48.3	U	10.4	48.3	480	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.3	U	16.1	48.3	480	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.3	U	13.9	48.3	480	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	31
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003475.D	1	12/09/15 08:58	12/11/15 04:46	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	48.3	U	19.5	48.3	480	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48.3	U	19	48.3	480	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.3	U	19	48.3	480	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		77%	SPK: 150
13127-88-3	Phenol-d6	110		34 - 127		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.2		31 - 132		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		39 - 123		57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		71%	SPK: 150
1718-51-0	Terphenyl-d14	49.5		37 - 115		50%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73470	7.72				
1146-65-2	Naphthalene-d8	306048	10.51				
15067-26-2	Acenaphthene-d10	160619	14.37				
1517-22-2	Phenanthrene-d10	338110	17.12				
1719-03-5	Chrysene-d12	353658	21.31				
1520-96-3	Perylene-d12	350757	23.56				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	27
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003476.D	1	12/09/15 08:58	12/11/15 05:22	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	45.5	U	23.8	45.5	450	ug/Kg
108-95-2	Phenol	45.5	U	10.5	45.5	450	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	45.5	U	21.9	45.5	450	ug/Kg
95-57-8	2-Chlorophenol	45.5	U	24	45.5	450	ug/Kg
95-48-7	2-Methylphenol	45.5	U	24.7	45.5	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45.5	U	18.8	45.5	450	ug/Kg
98-86-2	Acetophenone	45.5	U	13.9	45.5	450	ug/Kg
65794-96-9	3+4-Methylphenols	45.5	U	23.6	45.5	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.5	U	22.9	45.5	450	ug/Kg
67-72-1	Hexachloroethane	45.5	U	20.3	45.5	450	ug/Kg
98-95-3	Nitrobenzene	45.5	U	17.2	45.5	450	ug/Kg
78-59-1	Isophorone	45.5	U	15	45.5	450	ug/Kg
88-75-5	2-Nitrophenol	45.5	U	22	45.5	450	ug/Kg
105-67-9	2,4-Dimethylphenol	45.5	U	25.8	45.5	450	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	45.5	U	26.2	45.5	450	ug/Kg
120-83-2	2,4-Dichlorophenol	45.5	U	17.3	45.5	450	ug/Kg
91-20-3	Naphthalene	600		15.7	45.5	450	ug/Kg
106-47-8	4-Chloroaniline	45.5	U	32.1	45.5	450	ug/Kg
87-68-3	Hexachlorobutadiene	45.5	U	16.5	45.5	450	ug/Kg
105-60-2	Caprolactam	91.1	U	21.2	91.1	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45.5	U	20.2	45.5	450	ug/Kg
91-57-6	2-Methylnaphthalene	210	J	11.5	45.5	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	45.5	U	11.1	45.5	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.5	U	13.9	45.5	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.5	U	32	45.5	450	ug/Kg
92-52-4	1,1-Biphenyl	45.5	U	17.2	45.5	450	ug/Kg
91-58-7	2-Chloronaphthalene	45.5	U	10.4	45.5	450	ug/Kg
88-74-4	2-Nitroaniline	45.5	U	20.2	45.5	450	ug/Kg
131-11-3	Dimethylphthalate	630		12.3	45.5	450	ug/Kg
208-96-8	Acenaphthylene	45.5	U	11.5	45.5	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	45.5	U	18.6	45.5	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	27
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003476.D	1	12/09/15 08:58	12/11/15 05:22	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	91.1	U	29.2	91.1	450	ug/Kg
83-32-9	Acenaphthene	45.5	U	12.8	45.5	450	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	46.3	360	450	ug/Kg
100-02-7	4-Nitrophenol	230	U	84.5	230	450	ug/Kg
132-64-9	Dibenzofuran	45.5	U	17.8	45.5	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	45.5	U	13.7	45.5	450	ug/Kg
84-66-2	Diethylphthalate	45.5	U	7.1	45.5	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45.5	U	24.7	45.5	450	ug/Kg
86-73-7	Fluorene	45.5	U	17.2	45.5	450	ug/Kg
100-01-6	4-Nitroaniline	91.1	U	59.3	91.1	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	26.1	230	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	45.5	U	10.9	45.5	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45.5	U	8.9	45.5	450	ug/Kg
118-74-1	Hexachlorobenzene	45.5	U	18.6	45.5	450	ug/Kg
1912-24-9	Atrazine	45.5	U	24	45.5	450	ug/Kg
87-86-5	Pentachlorophenol	45.5	U	31.1	45.5	450	ug/Kg
85-01-8	Phenanthrene	120	J	12.3	45.5	450	ug/Kg
120-12-7	Anthracene	45.5	U	9.3	45.5	450	ug/Kg
86-74-8	Carbazole	45.5	U	10	45.5	450	ug/Kg
84-74-2	Di-n-butylphthalate	45.5	U	35.8	45.5	450	ug/Kg
206-44-0	Fluoranthene	45.5	U	9.2	45.5	450	ug/Kg
129-00-0	Pyrene	45.5	U	10.9	45.5	450	ug/Kg
85-68-7	Butylbenzylphthalate	45.5	U	21.9	45.5	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45.5	U	29.2	45.5	450	ug/Kg
56-55-3	Benzo(a)anthracene	45.5	U	21.7	45.5	450	ug/Kg
218-01-9	Chrysene	45.5	U	20.6	45.5	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45.5	U	16.1	45.5	450	ug/Kg
117-84-0	Di-n-octyl phthalate	45.5	U	5.2	45.5	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	45.5	U	14.9	45.5	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	45.5	U	21.4	45.5	450	ug/Kg
50-32-8	Benzo(a)pyrene	45.5	U	9.8	45.5	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45.5	U	15.2	45.5	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45.5	U	13.1	45.5	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	27
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003476.D	1	12/09/15 08:58	12/11/15 05:22	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	45.5	U	18.4	45.5	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45.5	U	17.9	45.5	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45.5	U	17.9	45.5	450	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		96%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		91%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.1		31 - 132		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.9		39 - 123		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 - 133		99%	SPK: 150
1718-51-0	Terphenyl-d14	71.8		37 - 115		72%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79827	7.72				
1146-65-2	Naphthalene-d8	313349	10.52				
15067-26-2	Acenaphthene-d10	174936	14.37				
1517-22-2	Phenanthrene-d10	357478	17.12				
1719-03-5	Chrysene-d12	368051	21.31				
1520-96-3	Perylene-d12	370891	23.56				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	23.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003477.D	1	12/09/15 08:58	12/11/15 05:58	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	43.6	U	22.8	43.6	430	ug/Kg
108-95-2	Phenol	43.6	U	10.1	43.6	430	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	43.6	U	20.9	43.6	430	ug/Kg
95-57-8	2-Chlorophenol	43.6	U	23	43.6	430	ug/Kg
95-48-7	2-Methylphenol	43.6	U	23.7	43.6	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.6	U	18.1	43.6	430	ug/Kg
98-86-2	Acetophenone	43.6	U	13.4	43.6	430	ug/Kg
65794-96-9	3+4-Methylphenols	43.6	U	22.7	43.6	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	22	43.6	430	ug/Kg
67-72-1	Hexachloroethane	43.6	U	19.5	43.6	430	ug/Kg
98-95-3	Nitrobenzene	43.6	U	16.5	43.6	430	ug/Kg
78-59-1	Isophorone	43.6	U	14.4	43.6	430	ug/Kg
88-75-5	2-Nitrophenol	43.6	U	21.1	43.6	430	ug/Kg
105-67-9	2,4-Dimethylphenol	43.6	U	24.7	43.6	430	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	43.6	U	25.1	43.6	430	ug/Kg
120-83-2	2,4-Dichlorophenol	43.6	U	16.6	43.6	430	ug/Kg
91-20-3	Naphthalene	43.6	U	15.1	43.6	430	ug/Kg
106-47-8	4-Chloroaniline	43.6	U	30.8	43.6	430	ug/Kg
87-68-3	Hexachlorobutadiene	43.6	U	15.8	43.6	430	ug/Kg
105-60-2	Caprolactam	87.3	U	20.3	87.3	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43.6	U	19.4	43.6	430	ug/Kg
91-57-6	2-Methylnaphthalene	43.6	U	11	43.6	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	43.6	U	10.6	43.6	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.6	U	13.4	43.6	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43.6	U	30.6	43.6	430	ug/Kg
92-52-4	1,1-Biphenyl	43.6	U	16.5	43.6	430	ug/Kg
91-58-7	2-Chloronaphthalene	43.6	U	10	43.6	430	ug/Kg
88-74-4	2-Nitroaniline	43.6	U	19.4	43.6	430	ug/Kg
131-11-3	Dimethylphthalate	500		11.8	43.6	430	ug/Kg
208-96-8	Acenaphthylene	43.6	U	11	43.6	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	43.6	U	17.8	43.6	430	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	23.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003477.D	1	12/09/15 08:58	12/11/15 05:58	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	87.3	U	28	87.3	430	ug/Kg
83-32-9	Acenaphthene	43.6	U	12.3	43.6	430	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	44.4	350	430	ug/Kg
100-02-7	4-Nitrophenol	220	U	81	220	430	ug/Kg
132-64-9	Dibenzofuran	43.6	U	17	43.6	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	43.6	U	13.1	43.6	430	ug/Kg
84-66-2	Diethylphthalate	43.6	U	6.8	43.6	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43.6	U	23.7	43.6	430	ug/Kg
86-73-7	Fluorene	43.6	U	16.5	43.6	430	ug/Kg
100-01-6	4-Nitroaniline	87.3	U	56.8	87.3	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	25	220	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	43.6	U	10.5	43.6	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43.6	U	8.5	43.6	430	ug/Kg
118-74-1	Hexachlorobenzene	43.6	U	17.8	43.6	430	ug/Kg
1912-24-9	Atrazine	43.6	U	23	43.6	430	ug/Kg
87-86-5	Pentachlorophenol	43.6	U	29.9	43.6	430	ug/Kg
85-01-8	Phenanthrene	43.6	U	11.8	43.6	430	ug/Kg
120-12-7	Anthracene	43.6	U	8.9	43.6	430	ug/Kg
86-74-8	Carbazole	43.6	U	9.6	43.6	430	ug/Kg
84-74-2	Di-n-butylphthalate	43.6	U	34.3	43.6	430	ug/Kg
206-44-0	Fluoranthene	43.6	U	8.8	43.6	430	ug/Kg
129-00-0	Pyrene	43.6	U	10.5	43.6	430	ug/Kg
85-68-7	Butylbenzylphthalate	43.6	U	20.9	43.6	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.6	U	28	43.6	430	ug/Kg
56-55-3	Benzo(a)anthracene	43.6	U	20.8	43.6	430	ug/Kg
218-01-9	Chrysene	43.6	U	19.8	43.6	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43.6	U	15.4	43.6	430	ug/Kg
117-84-0	Di-n-octyl phthalate	43.6	U	5	43.6	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43.6	U	14.3	43.6	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	43.6	U	20.6	43.6	430	ug/Kg
50-32-8	Benzo(a)pyrene	43.6	U	9.4	43.6	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43.6	U	14.5	43.6	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43.6	U	12.6	43.6	430	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	23.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003477.D	1	12/09/15 08:58	12/11/15 05:58	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	43.6	U	17.7	43.6	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6	U	17.2	43.6	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43.6	U	17.2	43.6	430	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		91%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		90%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.6		31 - 132		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		39 - 123		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		81%	SPK: 150
1718-51-0	Terphenyl-d14	74.6		37 - 115		75%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74259	7.72				
1146-65-2	Naphthalene-d8	327874	10.51				
15067-26-2	Acenaphthene-d10	181926	14.37				
1517-22-2	Phenanthrene-d10	357867	17.12				
1719-03-5	Chrysene-d12	329430	21.32				
1520-96-3	Perylene-d12	320699	23.57				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003478.D	1	12/09/15 08:58	12/11/15 06:34	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	40.9	U	21.3	40.9	400	ug/Kg
108-95-2	Phenol	40.9	U	9.4	40.9	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	40.9	U	19.6	40.9	400	ug/Kg
95-57-8	2-Chlorophenol	40.9	U	21.6	40.9	400	ug/Kg
95-48-7	2-Methylphenol	40.9	U	22.2	40.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.9	U	16.9	40.9	400	ug/Kg
98-86-2	Acetophenone	40.9	U	12.5	40.9	400	ug/Kg
65794-96-9	3+4-Methylphenols	40.9	U	21.2	40.9	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.9	U	20.6	40.9	400	ug/Kg
67-72-1	Hexachloroethane	40.9	U	18.3	40.9	400	ug/Kg
98-95-3	Nitrobenzene	40.9	U	15.5	40.9	400	ug/Kg
78-59-1	Isophorone	40.9	U	13.5	40.9	400	ug/Kg
88-75-5	2-Nitrophenol	40.9	U	19.8	40.9	400	ug/Kg
105-67-9	2,4-Dimethylphenol	40.9	U	23.2	40.9	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	40.9	U	23.6	40.9	400	ug/Kg
120-83-2	2,4-Dichlorophenol	40.9	U	15.6	40.9	400	ug/Kg
91-20-3	Naphthalene	40.9	U	14.1	40.9	400	ug/Kg
106-47-8	4-Chloroaniline	40.9	U	28.8	40.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	40.9	U	14.8	40.9	400	ug/Kg
105-60-2	Caprolactam	81.8	U	19	81.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40.9	U	18.2	40.9	400	ug/Kg
91-57-6	2-Methylnaphthalene	40.9	U	10.3	40.9	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	40.9	U	9.9	40.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	40.9	U	12.5	40.9	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40.9	U	28.7	40.9	400	ug/Kg
92-52-4	1,1-Biphenyl	40.9	U	15.5	40.9	400	ug/Kg
91-58-7	2-Chloronaphthalene	40.9	U	9.3	40.9	400	ug/Kg
88-74-4	2-Nitroaniline	40.9	U	18.2	40.9	400	ug/Kg
131-11-3	Dimethylphthalate	460		11	40.9	400	ug/Kg
208-96-8	Acenaphthylene	40.9	U	10.3	40.9	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.9	U	16.7	40.9	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003478.D	1	12/09/15 08:58	12/11/15 06:34	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	81.8	U	26.3	81.8	400	ug/Kg
83-32-9	Acenaphthene	40.9	U	11.5	40.9	400	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	41.6	330	400	ug/Kg
100-02-7	4-Nitrophenol	200	U	75.9	200	400	ug/Kg
132-64-9	Dibenzofuran	40.9	U	15.9	40.9	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	40.9	U	12.3	40.9	400	ug/Kg
84-66-2	Diethylphthalate	40.9	U	6.4	40.9	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40.9	U	22.2	40.9	400	ug/Kg
86-73-7	Fluorene	40.9	U	15.5	40.9	400	ug/Kg
100-01-6	4-Nitroaniline	81.8	U	53.2	81.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	23.4	200	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	40.9	U	9.8	40.9	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40.9	U	8	40.9	400	ug/Kg
118-74-1	Hexachlorobenzene	40.9	U	16.7	40.9	400	ug/Kg
1912-24-9	Atrazine	40.9	U	21.6	40.9	400	ug/Kg
87-86-5	Pentachlorophenol	40.9	U	28	40.9	400	ug/Kg
85-01-8	Phenanthrene	110	J	11	40.9	400	ug/Kg
120-12-7	Anthracene	40.9	U	8.3	40.9	400	ug/Kg
86-74-8	Carbazole	40.9	U	9	40.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	40.9	U	32.1	40.9	400	ug/Kg
206-44-0	Fluoranthene	40.9	U	8.2	40.9	400	ug/Kg
129-00-0	Pyrene	40.9	U	9.8	40.9	400	ug/Kg
85-68-7	Butylbenzylphthalate	40.9	U	19.6	40.9	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.9	U	26.3	40.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	40.9	U	19.5	40.9	400	ug/Kg
218-01-9	Chrysene	40.9	U	18.5	40.9	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	40.9	U	14.5	40.9	400	ug/Kg
117-84-0	Di-n-octyl phthalate	40.9	U	4.7	40.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40.9	U	13.4	40.9	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	40.9	U	19.3	40.9	400	ug/Kg
50-32-8	Benzo(a)pyrene	40.9	U	8.8	40.9	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40.9	U	13.6	40.9	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40.9	U	11.8	40.9	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003478.D	1	12/09/15 08:58	12/11/15 06:34	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	40.9	U	16.6	40.9	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9	U	16.1	40.9	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40.9	U	16.1	40.9	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		77%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.4		39 - 123		64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.4		30 - 133		65%	SPK: 150
1718-51-0	Terphenyl-d14	49		37 - 115		49%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73239	7.72				
1146-65-2	Naphthalene-d8	305099	10.51				
15067-26-2	Acenaphthene-d10	158884	14.37				
1517-22-2	Phenanthrene-d10	322292	17.12				
1719-03-5	Chrysene-d12	340759	21.31				
1520-96-3	Perylene-d12	342103	23.57				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003479.D	1	12/09/15 08:58	12/11/15 07:09	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	39.3	U	20.5	39.3	390	ug/Kg
108-95-2	Phenol	39.3	U	9.1	39.3	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	39.3	U	18.9	39.3	390	ug/Kg
95-57-8	2-Chlorophenol	39.3	U	20.8	39.3	390	ug/Kg
95-48-7	2-Methylphenol	39.3	U	21.4	39.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.3	U	16.3	39.3	390	ug/Kg
98-86-2	Acetophenone	39.3	U	12	39.3	390	ug/Kg
65794-96-9	3+4-Methylphenols	39.3	U	20.4	39.3	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.3	U	19.8	39.3	390	ug/Kg
67-72-1	Hexachloroethane	39.3	U	17.6	39.3	390	ug/Kg
98-95-3	Nitrobenzene	39.3	U	14.9	39.3	390	ug/Kg
78-59-1	Isophorone	39.3	U	13	39.3	390	ug/Kg
88-75-5	2-Nitrophenol	39.3	U	19	39.3	390	ug/Kg
105-67-9	2,4-Dimethylphenol	39.3	U	22.3	39.3	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	39.3	U	22.7	39.3	390	ug/Kg
120-83-2	2,4-Dichlorophenol	39.3	U	15	39.3	390	ug/Kg
91-20-3	Naphthalene	39.3	U	13.6	39.3	390	ug/Kg
106-47-8	4-Chloroaniline	39.3	U	27.7	39.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	39.3	U	14.3	39.3	390	ug/Kg
105-60-2	Caprolactam	78.7	U	18.3	78.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39.3	U	17.5	39.3	390	ug/Kg
91-57-6	2-Methylnaphthalene	39.3	U	9.9	39.3	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	39.3	U	9.6	39.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	39.3	U	12	39.3	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39.3	U	27.6	39.3	390	ug/Kg
92-52-4	1,1-Biphenyl	39.3	U	14.9	39.3	390	ug/Kg
91-58-7	2-Chloronaphthalene	39.3	U	9	39.3	390	ug/Kg
88-74-4	2-Nitroaniline	39.3	U	17.5	39.3	390	ug/Kg
131-11-3	Dimethylphthalate	420		10.6	39.3	390	ug/Kg
208-96-8	Acenaphthylene	39.3	U	9.9	39.3	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.3	U	16	39.3	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003479.D	1	12/09/15 08:58	12/11/15 07:09	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	78.7	U	25.2	78.7	390	ug/Kg
83-32-9	Acenaphthene	39.3	U	11.1	39.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	40	310	390	ug/Kg
100-02-7	4-Nitrophenol	200	U	73	200	390	ug/Kg
132-64-9	Dibenzofuran	39.3	U	15.3	39.3	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	39.3	U	11.8	39.3	390	ug/Kg
84-66-2	Diethylphthalate	39.3	U	6.1	39.3	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39.3	U	21.4	39.3	390	ug/Kg
86-73-7	Fluorene	39.3	U	14.9	39.3	390	ug/Kg
100-01-6	4-Nitroaniline	78.7	U	51.2	78.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	22.5	200	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.3	U	9.4	39.3	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39.3	U	7.7	39.3	390	ug/Kg
118-74-1	Hexachlorobenzene	39.3	U	16	39.3	390	ug/Kg
1912-24-9	Atrazine	39.3	U	20.8	39.3	390	ug/Kg
87-86-5	Pentachlorophenol	39.3	U	26.9	39.3	390	ug/Kg
85-01-8	Phenanthrene	39.3	U	10.6	39.3	390	ug/Kg
120-12-7	Anthracene	39.3	U	8	39.3	390	ug/Kg
86-74-8	Carbazole	39.3	U	8.6	39.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	39.3	U	30.9	39.3	390	ug/Kg
206-44-0	Fluoranthene	39.3	U	7.9	39.3	390	ug/Kg
129-00-0	Pyrene	39.3	U	9.4	39.3	390	ug/Kg
85-68-7	Butylbenzylphthalate	39.3	U	18.9	39.3	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.3	U	25.2	39.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	39.3	U	18.8	39.3	390	ug/Kg
218-01-9	Chrysene	39.3	U	17.8	39.3	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	39.3	U	13.9	39.3	390	ug/Kg
117-84-0	Di-n-octyl phthalate	39.3	U	4.5	39.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39.3	U	12.9	39.3	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	39.3	U	18.5	39.3	390	ug/Kg
50-32-8	Benzo(a)pyrene	39.3	U	8.5	39.3	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39.3	U	13.1	39.3	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.3	U	11.3	39.3	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM003479.D	1	12/09/15 08:58	12/11/15 07:09	PB87152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	39.3	U	15.9	39.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39.3	U	15.5	39.3	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39.3	U	15.5	39.3	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		84%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		82%	SPK: 150
4165-60-0	Nitrobenzene-d5	79		31 - 132		79%	SPK: 100
321-60-8	2-Fluorobiphenyl	76		39 - 123		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		80%	SPK: 150
1718-51-0	Terphenyl-d14	69.2		37 - 115		69%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71967	7.72				
1146-65-2	Naphthalene-d8	309607	10.51				
15067-26-2	Acenaphthene-d10	169864	14.37				
1517-22-2	Phenanthrene-d10	346720	17.12				
1719-03-5	Chrysene-d12	339827	21.32				
1520-96-3	Perylene-d12	337164	23.57				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4725	OrderDate:	12/9/2015 12:56:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	K53

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4725-01	SB1(9-10)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-02	SB2(2-4)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-03	SB3(2-4)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-04	SB4(12-14)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-05	SB5A(9-10)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-06	SB6(4-8)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-07	SB7(2-4)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15
G4725-08	SB8(18-20)	SOIL	SVOCMS Group1	8270D	12/08/15	12/09/15	12/11/15	12/09/15

Hit Summary Sheet
SW-846

SDG No.:

Order ID:

Client:

Project ID:

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	31.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026491.D	1	12/11/15 08:10	12/14/15 14:08	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.8	U	4.8	4.8	24.6	ug/kg
11104-28-2	Aroclor-1221	4.8	U	4.8	4.8	24.6	ug/kg
11141-16-5	Aroclor-1232	4.8	U	4.8	4.8	24.6	ug/kg
53469-21-9	Aroclor-1242	4.8	U	4.8	4.8	24.6	ug/kg
12672-29-6	Aroclor-1248	4.8	U	4.8	4.8	24.6	ug/kg
11097-69-1	Aroclor-1254	4.8	U	2.2	4.8	24.6	ug/kg
37324-23-5	Aroclor-1262	4.8	U	4.8	4.8	24.6	ug/kg
11100-14-4	Aroclor-1268	4.8	U	4.8	4.8	24.6	ug/kg
11096-82-5	Aroclor-1260	4.8	U	4.8	4.8	24.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.9		10 - 166		75%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.89	*	60 - 125		49%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)RE	SDG No.:	G4725
Lab Sample ID:	G4725-01RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	31.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026531.D	1	12/11/15 08:10	12/15/15 01:45	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.8	U	4.8	4.8	24.6	ug/kg
11104-28-2	Aroclor-1221	4.8	U	4.8	4.8	24.6	ug/kg
11141-16-5	Aroclor-1232	4.8	U	4.8	4.8	24.6	ug/kg
53469-21-9	Aroclor-1242	4.8	U	4.8	4.8	24.6	ug/kg
12672-29-6	Aroclor-1248	4.8	U	4.8	4.8	24.6	ug/kg
11097-69-1	Aroclor-1254	4.8	U	2.2	4.8	24.6	ug/kg
37324-23-5	Aroclor-1262	4.8	U	4.8	4.8	24.6	ug/kg
11100-14-4	Aroclor-1268	4.8	U	4.8	4.8	24.6	ug/kg
11096-82-5	Aroclor-1260	4.8	U	4.8	4.8	24.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.8		10 - 166		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.11	*	60 - 125		46%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026492.D	1	12/11/15 08:10	12/14/15 14:24	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	3.7	U	3.7	3.7	18.9	ug/kg
11104-28-2	Aroclor-1221	3.7	U	3.7	3.7	18.9	ug/kg
11141-16-5	Aroclor-1232	3.7	U	3.7	3.7	18.9	ug/kg
53469-21-9	Aroclor-1242	3.7	U	3.7	3.7	18.9	ug/kg
12672-29-6	Aroclor-1248	3.7	U	3.7	3.7	18.9	ug/kg
11097-69-1	Aroclor-1254	3.7	U	1.7	3.7	18.9	ug/kg
37324-23-5	Aroclor-1262	3.7	U	3.7	3.7	18.9	ug/kg
11100-14-4	Aroclor-1268	3.7	U	3.7	3.7	18.9	ug/kg
11096-82-5	Aroclor-1260	3.7	U	3.7	3.7	18.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17		10 - 166		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.8	*	60 - 125		54%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-02RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026532.D	1	12/11/15 08:10	12/15/15 02:00	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	3.7	U	3.7	3.7	18.9	ug/kg
11104-28-2	Aroclor-1221	3.7	U	3.7	3.7	18.9	ug/kg
11141-16-5	Aroclor-1232	3.7	U	3.7	3.7	18.9	ug/kg
53469-21-9	Aroclor-1242	3.7	U	3.7	3.7	18.9	ug/kg
12672-29-6	Aroclor-1248	3.7	U	3.7	3.7	18.9	ug/kg
11097-69-1	Aroclor-1254	3.7	U	1.7	3.7	18.9	ug/kg
37324-23-5	Aroclor-1262	3.7	U	3.7	3.7	18.9	ug/kg
11100-14-4	Aroclor-1268	3.7	U	3.7	3.7	18.9	ug/kg
11096-82-5	Aroclor-1260	3.7	U	3.7	3.7	18.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		10 - 166		100%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.9	*	60 - 125		54%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	20.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026493.D	1	12/11/15 08:10	12/14/15 14:40	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.2	U	4.2	4.2	21.2	ug/kg
11104-28-2	Aroclor-1221	4.2	U	4.2	4.2	21.2	ug/kg
11141-16-5	Aroclor-1232	4.2	U	4.2	4.2	21.2	ug/kg
53469-21-9	Aroclor-1242	4.2	U	4.2	4.2	21.2	ug/kg
12672-29-6	Aroclor-1248	4.2	U	4.2	4.2	21.2	ug/kg
11097-69-1	Aroclor-1254	4.2	U	1.9	4.2	21.2	ug/kg
37324-23-5	Aroclor-1262	4.2	U	4.2	4.2	21.2	ug/kg
11100-14-4	Aroclor-1268	4.2	U	4.2	4.2	21.2	ug/kg
11096-82-5	Aroclor-1260	4.2	U	4.2	4.2	21.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.7		10 - 166		74%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.04	*	60 - 125		40%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-03RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	20.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026533.D	1	12/11/15 08:10	12/15/15 02:16	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.2	U	4.2	4.2	21.2	ug/kg
11104-28-2	Aroclor-1221	4.2	U	4.2	4.2	21.2	ug/kg
11141-16-5	Aroclor-1232	4.2	U	4.2	4.2	21.2	ug/kg
53469-21-9	Aroclor-1242	4.2	U	4.2	4.2	21.2	ug/kg
12672-29-6	Aroclor-1248	4.2	U	4.2	4.2	21.2	ug/kg
11097-69-1	Aroclor-1254	4.2	U	1.9	4.2	21.2	ug/kg
37324-23-5	Aroclor-1262	4.2	U	4.2	4.2	21.2	ug/kg
11100-14-4	Aroclor-1268	4.2	U	4.2	4.2	21.2	ug/kg
11096-82-5	Aroclor-1260	4.2	U	4.2	4.2	21.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.3		10 - 166		87%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.58	*	60 - 125		38%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	31
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026494.D	1	12/11/15 08:10	12/14/15 14:55	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.8	U	4.8	4.8	24.6	ug/kg
11104-28-2	Aroclor-1221	4.8	U	4.8	4.8	24.6	ug/kg
11141-16-5	Aroclor-1232	4.8	U	4.8	4.8	24.6	ug/kg
53469-21-9	Aroclor-1242	4.8	U	4.8	4.8	24.6	ug/kg
12672-29-6	Aroclor-1248	4.8	U	4.8	4.8	24.6	ug/kg
11097-69-1	Aroclor-1254	4.8	U	2.2	4.8	24.6	ug/kg
37324-23-5	Aroclor-1262	4.8	U	4.8	4.8	24.6	ug/kg
11100-14-4	Aroclor-1268	4.8	U	4.8	4.8	24.6	ug/kg
11096-82-5	Aroclor-1260	4.8	U	4.8	4.8	24.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.8		10 - 166		69%	SPK: 20
2051-24-3	Decachlorobiphenyl	5.18	*	60 - 125		26%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)RE	SDG No.:	G4725
Lab Sample ID:	G4725-04RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	31
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026534.D	1	12/11/15 08:10	12/15/15 02:32	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.8	U	4.8	4.8	24.6	ug/kg
11104-28-2	Aroclor-1221	4.8	U	4.8	4.8	24.6	ug/kg
11141-16-5	Aroclor-1232	4.8	U	4.8	4.8	24.6	ug/kg
53469-21-9	Aroclor-1242	4.8	U	4.8	4.8	24.6	ug/kg
12672-29-6	Aroclor-1248	4.8	U	4.8	4.8	24.6	ug/kg
11097-69-1	Aroclor-1254	4.8	U	2.2	4.8	24.6	ug/kg
37324-23-5	Aroclor-1262	4.8	U	4.8	4.8	24.6	ug/kg
11100-14-4	Aroclor-1268	4.8	U	4.8	4.8	24.6	ug/kg
11096-82-5	Aroclor-1260	4.8	U	4.8	4.8	24.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.6		10 - 166		83%	SPK: 20
2051-24-3	Decachlorobiphenyl	4.59	*	60 - 125		23%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	27
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026495.D	1	12/11/15 08:10	12/14/15 15:11	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.5	U	4.5	4.5	23.2	ug/kg
11104-28-2	Aroclor-1221	4.5	U	4.5	4.5	23.2	ug/kg
11141-16-5	Aroclor-1232	4.5	U	4.5	4.5	23.2	ug/kg
53469-21-9	Aroclor-1242	4.5	U	4.5	4.5	23.2	ug/kg
12672-29-6	Aroclor-1248	4.5	U	4.5	4.5	23.2	ug/kg
11097-69-1	Aroclor-1254	4.5	U	2	4.5	23.2	ug/kg
37324-23-5	Aroclor-1262	4.5	U	4.5	4.5	23.2	ug/kg
11100-14-4	Aroclor-1268	4.5	U	4.5	4.5	23.2	ug/kg
11096-82-5	Aroclor-1260	4.5	U	4.5	4.5	23.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	15		10 - 166		75%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.6	*	60 - 125		58%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)RE	SDG No.:	G4725
Lab Sample ID:	G4725-05RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	27
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026535.D	1	12/11/15 08:10	12/15/15 02:48	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.5	U	4.5	4.5	23.2	ug/kg
11104-28-2	Aroclor-1221	4.5	U	4.5	4.5	23.2	ug/kg
11141-16-5	Aroclor-1232	4.5	U	4.5	4.5	23.2	ug/kg
53469-21-9	Aroclor-1242	4.5	U	4.5	4.5	23.2	ug/kg
12672-29-6	Aroclor-1248	4.5	U	4.5	4.5	23.2	ug/kg
11097-69-1	Aroclor-1254	4.5	U	2	4.5	23.2	ug/kg
37324-23-5	Aroclor-1262	4.5	U	4.5	4.5	23.2	ug/kg
11100-14-4	Aroclor-1268	4.5	U	4.5	4.5	23.2	ug/kg
11096-82-5	Aroclor-1260	4.5	U	4.5	4.5	23.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.6		10 - 166		88%	SPK: 20
2051-24-3	Decachlorobiphenyl	11	*	60 - 125		55%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	23.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026496.D	1	12/11/15 08:10	12/14/15 15:27	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.4	U	4.4	4.4	22.3	ug/kg
11104-28-2	Aroclor-1221	4.4	U	4.4	4.4	22.3	ug/kg
11141-16-5	Aroclor-1232	4.4	U	4.4	4.4	22.3	ug/kg
53469-21-9	Aroclor-1242	4.4	U	4.4	4.4	22.3	ug/kg
12672-29-6	Aroclor-1248	4.4	U	4.4	4.4	22.3	ug/kg
11097-69-1	Aroclor-1254	4.4	U	2	4.4	22.3	ug/kg
37324-23-5	Aroclor-1262	4.4	U	4.4	4.4	22.3	ug/kg
11100-14-4	Aroclor-1268	4.4	U	4.4	4.4	22.3	ug/kg
11096-82-5	Aroclor-1260	4.4	U	4.4	4.4	22.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.4		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.9		60 - 125		60%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	18.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026497.D	1	12/11/15 08:10	12/14/15 15:42	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.1	U	4.1	4.1	20.8	ug/kg
11104-28-2	Aroclor-1221	4.1	U	4.1	4.1	20.8	ug/kg
11141-16-5	Aroclor-1232	4.1	U	4.1	4.1	20.8	ug/kg
53469-21-9	Aroclor-1242	4.1	U	4.1	4.1	20.8	ug/kg
12672-29-6	Aroclor-1248	4.1	U	4.1	4.1	20.8	ug/kg
11097-69-1	Aroclor-1254	4.1	U	1.8	4.1	20.8	ug/kg
37324-23-5	Aroclor-1262	4.1	U	4.1	4.1	20.8	ug/kg
11100-14-4	Aroclor-1268	4.1	U	4.1	4.1	20.8	ug/kg
11096-82-5	Aroclor-1260	4.1	U	4.1	4.1	20.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.8		10 - 166		69%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.65	*	60 - 125		38%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)RE	SDG No.:	G4725
Lab Sample ID:	G4725-07RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	18.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026537.D	1	12/11/15 08:10	12/15/15 03:19	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	4.1	U	4.1	4.1	20.8	ug/kg
11104-28-2	Aroclor-1221	4.1	U	4.1	4.1	20.8	ug/kg
11141-16-5	Aroclor-1232	4.1	U	4.1	4.1	20.8	ug/kg
53469-21-9	Aroclor-1242	4.1	U	4.1	4.1	20.8	ug/kg
12672-29-6	Aroclor-1248	4.1	U	4.1	4.1	20.8	ug/kg
11097-69-1	Aroclor-1254	4.1	U	1.8	4.1	20.8	ug/kg
37324-23-5	Aroclor-1262	4.1	U	4.1	4.1	20.8	ug/kg
11100-14-4	Aroclor-1268	4.1	U	4.1	4.1	20.8	ug/kg
11096-82-5	Aroclor-1260	4.1	U	4.1	4.1	20.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.5		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.48	*	60 - 125		37%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026462.D	1	12/11/15 08:10	12/11/15 23:20	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	3.9	U	3.9	3.9	20.1	ug/kg
11104-28-2	Aroclor-1221	3.9	U	3.9	3.9	20.1	ug/kg
11141-16-5	Aroclor-1232	3.9	U	3.9	3.9	20.1	ug/kg
53469-21-9	Aroclor-1242	3.9	U	3.9	3.9	20.1	ug/kg
12672-29-6	Aroclor-1248	3.9	U	3.9	3.9	20.1	ug/kg
11097-69-1	Aroclor-1254	3.9	U	1.8	3.9	20.1	ug/kg
37324-23-5	Aroclor-1262	3.9	U	3.9	3.9	20.1	ug/kg
11100-14-4	Aroclor-1268	3.9	U	3.9	3.9	20.1	ug/kg
11096-82-5	Aroclor-1260	3.9	U	3.9	3.9	20.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.7		10 - 166		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.6	*	60 - 125		53%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)RE	SDG No.:	G4725
Lab Sample ID:	G4725-08RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO026529.D	1	12/11/15 08:10	12/15/15 01:13	PB87208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	3.9	U	3.9	3.9	20.1	ug/kg
11104-28-2	Aroclor-1221	3.9	U	3.9	3.9	20.1	ug/kg
11141-16-5	Aroclor-1232	3.9	U	3.9	3.9	20.1	ug/kg
53469-21-9	Aroclor-1242	3.9	U	3.9	3.9	20.1	ug/kg
12672-29-6	Aroclor-1248	3.9	U	3.9	3.9	20.1	ug/kg
11097-69-1	Aroclor-1254	3.9	U	1.8	3.9	20.1	ug/kg
37324-23-5	Aroclor-1262	3.9	U	3.9	3.9	20.1	ug/kg
11100-14-4	Aroclor-1268	3.9	U	3.9	3.9	20.1	ug/kg
11096-82-5	Aroclor-1260	3.9	U	3.9	3.9	20.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22		10 - 166		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.5	*	60 - 125		52%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4725	OrderDate:	12/9/2015 12:56:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	K53

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4725-01	SB1(9-10)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-01RE	SB1(9-10)RE	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/15/15	
G4725-02	SB2(2-4)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-02RE	SB2(2-4)RE	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/15/15	
G4725-03	SB3(2-4)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-03RE	SB3(2-4)RE	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/15/15	
G4725-04	SB4(12-14)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-04RE	SB4(12-14)RE	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/15/15	
G4725-05	SB5A(9-10)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-05RE	SB5A(9-10)RE	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/15/15	
G4725-06	SB6(4-8)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	
G4725-07	SB7(2-4)	SOIL			12/08/15			12/09/15
			PCB	8082A		12/11/15	12/14/15	

LAB CHRONICLE

G4725-07RE	SB7(2-4)RE	SOIL			12/08/15		12/09/15
			PCB	8082A		12/11/15	12/15/15
G4725-08	SB8(18-20)	SOIL			12/08/15		12/09/15
			PCB	8082A		12/11/15	12/11/15
G4725-08RE	SB8(18-20)RE	SOIL			12/08/15		12/09/15
			PCB	8082A		12/11/15	12/15/15

Hit Summary Sheet SW-846

SDG No.: G4725

Order ID: G4725

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SB1(9-10)									
G4725-01	SB1(9-10)	SOIL	Arsenic	3.290	J	0.291	0.291	1.17	mg/Kg
G4725-01	SB1(9-10)	SOIL	Barium	61.900		0.466	1.46	5.83	mg/Kg
G4725-01	SB1(9-10)	SOIL	Cadmium	0.175		0.07	0.087	0.35	mg/Kg
G4725-01	SB1(9-10)	SOIL	Chromium	12.100		0.146	0.146	0.583	mg/Kg
G4725-01	SB1(9-10)	SOIL	Lead	121.000		0.14	0.291	0.699	mg/Kg
G4725-01	SB1(9-10)	SOIL	Mercury	0.334		0.01	0.01	0.02	mg/Kg
G4725-01	SB1(9-10)	SOIL	Silver	2.020		0.146	0.146	0.583	mg/Kg
Client ID : SB2(2-4)									
G4725-02	SB2(2-4)	SOIL	Arsenic	27.300		0.231	0.231	0.924	mg/Kg
G4725-02	SB2(2-4)	SOIL	Barium	33.300		0.37	1.16	4.62	mg/Kg
G4725-02	SB2(2-4)	SOIL	Cadmium	28.000		0.055	0.069	0.277	mg/Kg
G4725-02	SB2(2-4)	SOIL	Chromium	23.600		0.116	0.116	0.462	mg/Kg
G4725-02	SB2(2-4)	SOIL	Lead	423.000		0.111	0.231	0.554	mg/Kg
G4725-02	SB2(2-4)	SOIL	Mercury	0.246		0.007	0.007	0.014	mg/Kg
G4725-02	SB2(2-4)	SOIL	Silver	20.600		0.116	0.116	0.462	mg/Kg
Client ID : SB3(2-4)									
G4725-03	SB3(2-4)	SOIL	Arsenic	65.700		0.261	0.261	1.04	mg/Kg
G4725-03	SB3(2-4)	SOIL	Barium	80.300		0.418	1.31	5.22	mg/Kg
G4725-03	SB3(2-4)	SOIL	Cadmium	0.444		0.063	0.078	0.313	mg/Kg
G4725-03	SB3(2-4)	SOIL	Chromium	21.200		0.131	0.131	0.522	mg/Kg
G4725-03	SB3(2-4)	SOIL	Lead	33.000		0.125	0.261	0.627	mg/Kg
G4725-03	SB3(2-4)	SOIL	Mercury	0.069		0.008	0.008	0.017	mg/Kg
G4725-03	SB3(2-4)	SOIL	Silver	3.150		0.131	0.131	0.522	mg/Kg
Client ID : SB4(12-14)									
G4725-04	SB4(12-14)	SOIL	Arsenic	4.270	J	0.311	0.311	1.24	mg/Kg
G4725-04	SB4(12-14)	SOIL	Barium	101.000		0.498	1.56	6.22	mg/Kg
G4725-04	SB4(12-14)	SOIL	Cadmium	0.258		0.075	0.093	0.373	mg/Kg
G4725-04	SB4(12-14)	SOIL	Chromium	18.200		0.156	0.156	0.622	mg/Kg
G4725-04	SB4(12-14)	SOIL	Lead	127.000		0.149	0.311	0.746	mg/Kg
G4725-04	SB4(12-14)	SOIL	Mercury	0.649		0.009	0.009	0.018	mg/Kg
G4725-04	SB4(12-14)	SOIL	Silver	2.070		0.156	0.156	0.622	mg/Kg
Client ID : SB5A(9-10)									
G4725-05	SB5A(9-10)	SOIL	Arsenic	31.000		0.289	0.289	1.16	mg/Kg
G4725-05	SB5A(9-10)	SOIL	Barium	54.700		0.462	1.45	5.78	mg/Kg
G4725-05	SB5A(9-10)	SOIL	Chromium	440.000		0.145	0.145	0.578	mg/Kg
G4725-05	SB5A(9-10)	SOIL	Lead	49.800		0.139	0.289	0.694	mg/Kg

Hit Summary Sheet SW-846

SDG No.: G4725

Order ID: G4725

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
G4725-05	SB5A(9-10)	SOIL	Mercury	0.123		0.009	0.009	0.018	mg/Kg
G4725-05	SB5A(9-10)	SOIL	Silver	2.970		0.145	0.145	0.578	mg/Kg
Client ID : SB6(4-8)									
G4725-06	SB6(4-8)	SOIL	Arsenic	3.660		0.283	0.283	1.13	mg/Kg
G4725-06	SB6(4-8)	SOIL	Barium	128.000		0.453	1.41	5.66	mg/Kg
G4725-06	SB6(4-8)	SOIL	Cadmium	0.297	J	0.068	0.085	0.339	mg/Kg
G4725-06	SB6(4-8)	SOIL	Chromium	51.400		0.141	0.141	0.566	mg/Kg
G4725-06	SB6(4-8)	SOIL	Lead	44.200		0.136	0.283	0.679	mg/Kg
G4725-06	SB6(4-8)	SOIL	Mercury	0.069		0.009	0.009	0.018	mg/Kg
G4725-06	SB6(4-8)	SOIL	Silver	2.410		0.141	0.141	0.566	mg/Kg
Client ID : SB7(2-4)									
G4725-07	SB7(2-4)	SOIL	Arsenic	17.000		0.264	0.264	1.05	mg/Kg
G4725-07	SB7(2-4)	SOIL	Barium	30.800		0.422	1.32	5.27	mg/Kg
G4725-07	SB7(2-4)	SOIL	Cadmium	11.000		0.063	0.079	0.316	mg/Kg
G4725-07	SB7(2-4)	SOIL	Chromium	20.000		0.132	0.132	0.527	mg/Kg
G4725-07	SB7(2-4)	SOIL	Lead	243.000		0.127	0.264	0.633	mg/Kg
G4725-07	SB7(2-4)	SOIL	Mercury	0.096		0.008	0.008	0.017	mg/Kg
G4725-07	SB7(2-4)	SOIL	Silver	16.400		0.132	0.132	0.527	mg/Kg
Client ID : SB8(18-20)									
G4725-08	SB8(18-20)	SOIL	Arsenic	2.180		0.251	0.251	1	mg/Kg
G4725-08	SB8(18-20)	SOIL	Barium	29.800		0.402	1.26	5.02	mg/Kg
G4725-08	SB8(18-20)	SOIL	Cadmium	0.328		0.06	0.075	0.301	mg/Kg
G4725-08	SB8(18-20)	SOIL	Chromium	7.810		0.126	0.126	0.502	mg/Kg
G4725-08	SB8(18-20)	SOIL	Lead	9.090		0.121	0.251	0.603	mg/Kg
G4725-08	SB8(18-20)	SOIL	Mercury	0.014	J	0.007	0.007	0.015	mg/Kg
G4725-08	SB8(18-20)	SOIL	Silver	0.765		0.126	0.126	0.502	mg/Kg

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB1(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	68.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.29		1	0.291	0.291	1.17	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7440-39-3	Barium	61.9		1	0.466	1.46	5.83	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7440-43-9	Cadmium	0.175	J	1	0.07	0.087	0.35	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7440-47-3	Chromium	12.1		1	0.146	0.146	0.583	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7439-92-1	Lead	121		1	0.14	0.291	0.699	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7439-97-6	Mercury	0.334		1	0.01	0.01	0.02	mg/Kg	12/10/15 11:52	12/11/15 18:58	SW7471A
7782-49-2	Selenium	0.291	U	1	0.291	0.291	1.17	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010
7440-22-4	Silver	2.02		1	0.146	0.146	0.583	mg/Kg	12/10/15 08:45	12/10/15 19:41	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB2(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	27.3	1		0.231	0.231	0.924	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7440-39-3	Barium	33.3	1		0.37	1.16	4.62	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7440-43-9	Cadmium	28	1		0.055	0.069	0.277	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7440-47-3	Chromium	23.6	1		0.116	0.116	0.462	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7439-92-1	Lead	423	1		0.111	0.231	0.554	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7439-97-6	Mercury	0.246	1		0.007	0.007	0.014	mg/Kg	12/10/15 11:52	12/11/15 19:00	SW7471A
7782-49-2	Selenium	0.231	U	1	0.231	0.231	0.924	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010
7440-22-4	Silver	20.6	1		0.116	0.116	0.462	mg/Kg	12/10/15 08:45	12/10/15 19:46	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB3(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	65.7	1		0.261	0.261	1.04	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7440-39-3	Barium	80.3	1		0.418	1.31	5.22	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7440-43-9	Cadmium	0.444	1		0.063	0.078	0.313	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7440-47-3	Chromium	21.2	1		0.131	0.131	0.522	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7439-92-1	Lead	33	1		0.125	0.261	0.627	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7439-97-6	Mercury	0.069	1		0.008	0.008	0.017	mg/Kg	12/10/15 11:52	12/11/15 19:02	SW7471A
7782-49-2	Selenium	0.261	U	1	0.261	0.261	1.04	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010
7440-22-4	Silver	3.15	1		0.131	0.131	0.522	mg/Kg	12/10/15 08:45	12/10/15 19:58	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB4(12-14)	SDG No.:	G4725
Lab Sample ID:	G4725-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	69

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.27	1		0.311	0.311	1.24	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7440-39-3	Barium	101	1		0.498	1.56	6.22	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7440-43-9	Cadmium	0.258	J	1	0.075	0.093	0.373	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7440-47-3	Chromium	18.2	1		0.156	0.156	0.622	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7439-92-1	Lead	127	1		0.149	0.311	0.746	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7439-97-6	Mercury	0.649	1		0.009	0.009	0.018	mg/Kg	12/10/15 11:52	12/11/15 19:05	SW7471A
7782-49-2	Selenium	0.311	U	1	0.311	0.311	1.24	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010
7440-22-4	Silver	2.07	1		0.156	0.156	0.622	mg/Kg	12/10/15 08:45	12/10/15 20:02	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB5A(9-10)	SDG No.:	G4725
Lab Sample ID:	G4725-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	73

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	31		1	0.289	0.289	1.16	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7440-39-3	Barium	54.7		1	0.462	1.45	5.78	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7440-43-9	Cadmium	0.087	U	1	0.069	0.087	0.347	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7440-47-3	Chromium	440		1	0.145	0.145	0.578	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7439-92-1	Lead	49.8		1	0.139	0.289	0.694	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7439-97-6	Mercury	0.123		1	0.009	0.009	0.018	mg/Kg	12/10/15 11:52	12/11/15 19:07	SW7471A
7782-49-2	Selenium	0.289	U	1	0.289	0.289	1.16	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010
7440-22-4	Silver	2.97		1	0.145	0.145	0.578	mg/Kg	12/10/15 08:45	12/10/15 20:07	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB6(4-8)	SDG No.:	G4725
Lab Sample ID:	G4725-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.66	1		0.283	0.283	1.13	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7440-39-3	Barium	128	1		0.453	1.41	5.66	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7440-43-9	Cadmium	0.297	J	1	0.068	0.085	0.339	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7440-47-3	Chromium	51.4	1		0.141	0.141	0.566	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7439-92-1	Lead	44.2	1		0.136	0.283	0.679	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7439-97-6	Mercury	0.069	1		0.009	0.009	0.018	mg/Kg	12/10/15 11:52	12/11/15 19:09	SW7471A
7782-49-2	Selenium	0.283	U	1	0.283	0.283	1.13	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010
7440-22-4	Silver	2.41	1		0.141	0.141	0.566	mg/Kg	12/10/15 08:45	12/10/15 20:11	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB7(2-4)	SDG No.:	G4725
Lab Sample ID:	G4725-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	17	1		0.264	0.264	1.05	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7440-39-3	Barium	30.8	1		0.422	1.32	5.27	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7440-43-9	Cadmium	11	1		0.063	0.079	0.316	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7440-47-3	Chromium	20	1		0.132	0.132	0.527	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7439-92-1	Lead	243	1		0.127	0.264	0.633	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7439-97-6	Mercury	0.096	1		0.008	0.008	0.017	mg/Kg	12/10/15 11:52	12/11/15 19:11	SW7471A
7782-49-2	Selenium	0.264	U	1	0.264	0.264	1.05	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010
7440-22-4	Silver	16.4	1		0.132	0.132	0.527	mg/Kg	12/10/15 08:45	12/10/15 20:15	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/08/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/09/15
Client Sample ID:	SB8(18-20)	SDG No.:	G4725
Lab Sample ID:	G4725-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.18	1		0.251	0.251	1	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7440-39-3	Barium	29.8	1		0.402	1.26	5.02	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7440-43-9	Cadmium	0.328	1		0.06	0.075	0.301	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7440-47-3	Chromium	7.81	1		0.126	0.126	0.502	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7439-92-1	Lead	9.09	1		0.121	0.251	0.603	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7439-97-6	Mercury	0.014	J	1	0.007	0.007	0.015	mg/Kg	12/10/15 11:52	12/11/15 19:14	SW7471A
7782-49-2	Selenium	0.251	U	1	0.251	0.251	1	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010
7440-22-4	Silver	0.765	1		0.126	0.126	0.502	mg/Kg	12/10/15 08:45	12/10/15 20:19	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	G4725	OrderDate:	12/9/2015 12:56:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	K53

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4725-01	SB1(9-10)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-02	SB2(2-4)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-03	SB3(2-4)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-04	SB4(12-14)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-05	SB5A(9-10)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-06	SB6(4-8)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-07	SB7(2-4)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	
G4725-08	SB8(18-20)	SOIL			12/08/15			12/09/15
			Mercury	7471A		12/10/15	12/11/15	
			Metals ICP-RCRA	6010B		12/10/15	12/10/15	

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 036449

64725

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Labella Associates OPC
ADDRESS: 300 Pearl St. Suite 130
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716-551-6281 FAX: 716-551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: Buffalo Niagara Riverkeeper
PROJECT NO. 2151177 LOCATION: Buffalo, NY
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@labellapc.com
PHONE: _____ FAX: _____

CLIENT BILLING INFORMATION

BILL TO: Labella PO#: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: Adam Z PHONE: _____

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD: Standard DAYS*
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☒ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

1. TCL VOC's 8260
2. CP-51 VOC's 8260
3. CP-51 SVOC's 8270
4. PCB's 8082
5. ACAA PCB's 6007450

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAS	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SB1 (9-10)	Soil	X		12-8-15	9:20	2	X	X	X	X	X					
2.	SB2 (2-4)	Soil	X		12-8-15	10:00	2	X	X	X	X	X					
3.	SB3 (2-4)	Soil	X		12-8-15	10:45	2	X	X	X	X	X					
4.	SB4 (12-14)	Soil	X		12-8-15	11:05	2	X	X	X	X	X					
5.	SB5A (9-10)	Soil	X		12-8-15	14:30	2	X	X	X	X	X					
6.	SB6 (4-8)	Soil	X		12-8-15	12:45	2	X	X	X	X	X					
7.	SB7 (2-4)	Soil	X		12-8-15	13:30	2	X	X	X	X	X					
8.	SB8 (18-20)	Soil	X		12-8-15	15:20	2	X	X	X	X	X					
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>12-8-15</u>	DATE/TIME: <u>12-8-15/6PM</u>	RECEIVED BY: _____	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments: _____ Cooler Temp. <u>6°C</u> Ice in Cooler?: <u>YES</u>
RELINQUISHED BY: _____	DATE/TIME: _____	RECEIVED BY: _____	
RELINQUISHED BY: <u>12-9-15</u>	DATE/TIME: <u>12-9-15</u>	RECEIVED FOR LAB BY: <u>C. Lora</u>	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT.

Shipment Complete: ☐ YES ☐ NO

		UPS Next Day Air UPS Worldwide Express	
Shipping Document			
SHIPMENT FROM		SHIPMENT TO	
UPS ACCOUNT NO. 153E79		UPS ACCOUNT NO. 153E79	
REFERENCE NUMBER 215117		REFERENCE NUMBER 215117	
Chris Kibler		Chris Kibler	
LABELLA ASSOCIATES, D.P.C.		LABELLA ASSOCIATES, D.P.C.	
300 PEARL STREET, SUITE 325		300 PEARL STREET, SUITE 325	
BUFFALO		BUFFALO	
NY 14202		NY 14202	
TELEPHONE		TELEPHONE	
Chemtech		Chemtech	
284 Sheffield St.		284 Sheffield St.	
Mountainside, NJ. 07092		Mountainside, NJ. 07092	
0181911202609 1/10 S		0181911202609 1/10 S	
United Parcel Service, Louisville, KY		United Parcel Service, Louisville, KY	
SHIPMENT FROM		SHIPMENT TO	
UPS ACCOUNT NO. 153E79		UPS ACCOUNT NO. 153E79	
REFERENCE NUMBER 215117		REFERENCE NUMBER 215117	
Chris Kibler		Chris Kibler	
LABELLA ASSOCIATES, D.P.C.		LABELLA ASSOCIATES, D.P.C.	
300 PEARL STREET, SUITE 325		300 PEARL STREET, SUITE 325	
BUFFALO		BUFFALO	
NY 14202		NY 14202	
TELEPHONE		TELEPHONE	
Chemtech		Chemtech	
284 Sheffield St.		284 Sheffield St.	
Mountainside, NJ. 07092		Mountainside, NJ. 07092	
0181911202609 1/10 S		0181911202609 1/10 S	
United Parcel Service, Louisville, KY		United Parcel Service, Louisville, KY	

WEIGHT	LTR	PAK	WEIGHT	DIMENSIONAL WEIGHT If Applicable	SIZE PACKAGE	SHIPMENT RELEASE
	☐	☐	25		☐	☐

☐ EXPRESS (INT'L)
☐ DOCUMENTS ONLY

SATURDAY DELIVERY

1Z 153 E79 22 1002 6306

1Z 153 E79 22 1002 6306

12-9-11 10:05

1Z 153 E79 22 1002 6306

12-9-11 10:05

UPS Next Day Air

1

1Z 153 E79 22 1002 6306

1Z 153 E79 22 1002 6306

DATE OF SHIPMENT **12/8/15**

SHIPMENT ID NUMBER **153E 777B 49R**



284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148



LOGIN REPORT/SAMPLE TRANSFER

9.4

Order ID: G4725 LABE01 Order Date: 12/9/2015 Project Mgr: karen
Client Name: LaBella Associates P.C. Project Name: 1660 Niagara Street, Buffalo, N Report Type: Level 1
Client Contact: Adam Zebrowski Rec Date/Time: 12/9/2015 10:05:00 AM EDD: EXCEL NOCLEANUP
Invoice Name: LaBella Associates P.C. Purchase Order: LaBella #2151177 Hard Copy Date:
Invoice Contact: Adam Zebrowski Login Tech: KANDARP Date Signoff: 12/9/2015 1:42:09 PM

jar
12/9

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
G4725-01	SB1(9-10)	Solid	12/8/2015	9:20	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 5.00 B 5.02		
G4725-02	SB2(2-4)	Solid	12/8/2015	10:00	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 4.98 B 4.99		
G4725-03	SB3(2-4)	Solid	12/8/2015	10:15	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 5.02 B 5.02		
G4725-04	SB4(12-14)	Solid	12/8/2015	11:05	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 5.00 B 5.01		
G4725-05	SB5A(9-10)	Solid	12/8/2015	14:30	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 4.98 B 4.99		
G4725-06	SB6(4-8)	Solid	12/8/2015	12:45	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 5.03 B 5.00		
G4725-07	SB7(2-4)	Solid	12/8/2015	13:30	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 4.99 B 5.00		
G4725-08	SB8(18-20)	Solid	12/8/2015	15:20	2	VOCMS Group1	8260C		10 Bus.	2/22/2015 12/22/2
								A 5.01 B 5.01		

Smelly



LOGIN REPORT/SAMPLE TRANSFER

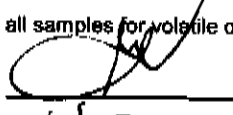
9.4

Order ID:	G4725	LABE01	Order Date:	12/9/2015	Project Mgr:	karen
Client Name:	LaBella Associates P.C.		Project Name:	1660 Niagara Street, Buffalo, N	Report Type:	Level 1
Client Contact:	Adam Zebrowski		Rec DateTime	12/9/2015 10:05:00 AM	EDD:	EXCEL NOCLEANUP
Invoice Name:	LaBella Associates P.C.		Purchase Order:	LaBella #2151177	Hard Copy Date:	
Invoice Contact	Adam Zebrowski		Login Tech:	KANDARP	Date Signoff:	12/9/2015 1:42:09 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
--------	-----------	--------	-------------	------------	-----------	------------	--------	---------	----------	-----------

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody? Yes
Are the number of samples the same as stated on the chain of custody? Yes
Are bottle caps tight and securely in place? Yes
Were all containers intact when received? Yes
Were samples submitted in an ice chest? Yes
Were samples received cold? Yes
Were samples within the holding time for the requested test(s)? Yes
Is the volume of sample submitted sufficient for the requested test(s)? Yes
Are all samples for volatile organic analyses free of headspace? NA

Relinquished By: 
Date / Time: 12/9/15

Received By: 
Date / Time: 12/9/15
Storage Area: VOA Refrigerator Room

ORDER COMMENT

NY--VOCMS Grp1=TCL+CP-51
SVOCMS Grp1=CP-51

DATA PACKAGE

METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 1660 NIAGARA STREET, BUFFALO, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : G4797

ATTENTION : Adam Zebrowski



DoD ELAP

Table Of Contents for G4797

1) Signature Page	3
2) Case Narrative	4
2.1) VOCMS Group1- Case Narrative	4
2.2) SVOCMS Group1- Case Narrative	6
2.3) Metals-AES- Case Narrative	8
3) Qualifier Page	9
4) QA Checklist	11
5) VOCMS Group1 Data	12
6) SVOCMS Group1 Data	27
7) Metals-AES Data	36
8) Shipping Document	42
8.1) CHAIN OF CUSTODY	43
8.2) Air Bill	44
8.3) Lab Certificate	45
8.4) Internal COC	46

1

2

3

4

5

6

7

8

Cover Page

Order ID : G4797

Project ID : 1660 Niagara Street, Buffalo, NY

Client : LaBella Associates P.C.

Lab Sample Number

G4797-01
G4797-02
G4797-03
G4797-04

Client Sample Number

TPMW1
TPMW2
TPMW3
TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

APPROVED

Date: 12/26/2015
By Mildred V Reyes, QAQC Supervisor at 4:03 pm, Dec 28, 2015

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4797

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

4 Water samples were received on 12/14/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868. The analysis of VOCMS Group1 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD for {VN1225WBSD02} with File ID: VN029986.D recoveries met criteria except for 1,4-Dioxane[27%] .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 82N122415W.M) for Chloromethane, Bromomethane, Cyclohexane, 1,4-Dioxane these compounds are passing on Linear regression .

The Continuous Calibration File ID VN029966.D met the requirements except for Acetone and 1,4-Dioxane .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:02 pm, Dec 28, 2015

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 1660 Niagara Street, Buffalo, NY

Project # N/A

Chemtech Project # G4797

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

4 Water samples were received on 12/14/2015.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF121315.M) for 2-Fluorobiphenyl this compound is passing on Quadratic regression .

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF121815.M) for Fluorene, Terphenyl-d14 these compounds are passing on Linear regression while 2-Fluorobiphenyl, Pyrene these compounds are passing on Quadratic regression .

The Continuous Calibration File ID BF083828.D met the requirements except for Benzo(k)fluoranthene but it was not detected in any samples . The Continuous Calibration File ID BF083865.D met the requirements except for Indeno(1,2,3-cd)pyrene but it was not detected in any samples .

The Tuning criteria met requirements.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:02 pm, Dec 28, 2015

CASE NARRATIVE**LaBella Associates P.C.****Project Name: 1660 Niagara Street, Buffalo, NY****Project # N/A****Chemtech Project # G4797****Test Name: Metals ICP-RCRA,Mercury****A. Number of Samples and Date of Receipt:**

4 Water samples were received on 12/14/2015.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, SVOCMS Group1 and VOCMS Group1. This data package contains results for Metals ICP-RCRA,Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010B, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes**APPROVED**

By Mildred V Reyes, QAQC Supervisor at 4:02 pm, Dec 28, 2015

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: G4797

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: DIXITA SHARMA

Date: 12/26/2015

2nd Level QA Review Signature: Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:02 pm, Dec 28, 2015

Hit Summary Sheet SW-846

SDG No.: G4797

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	TPMW1								
G4797-01	TPMW1	Water	Acetone	150.00		0.5	2.5	25	ug/L
G4797-01	TPMW1	Water	Carbon Disulfide	0.30	J	0.2	0.5	5	ug/L
G4797-01	TPMW1	Water	cis-1,2-Dichloroethene	0.48	J	0.35	0.5	5	ug/L
			Total Voc :	150.78					
			Total Concentration:	150.78					
Client ID:	TPMW2								
G4797-02	TPMW2	Water	Vinyl Chloride	0.58	J	0.34	0.5	5	ug/L
G4797-02	TPMW2	Water	Acetone	31.40		0.5	2.5	25	ug/L
G4797-02	TPMW2	Water	Carbon Disulfide	0.33	J	0.2	0.5	5	ug/L
G4797-02	TPMW2	Water	cis-1,2-Dichloroethene	6.10		0.35	0.5	5	ug/L
			Total Voc :	38.41					
			Total Concentration:	38.41					
Client ID:	TPMW3								
G4797-03	TPMW3	Water	Vinyl Chloride	33.50		0.34	0.5	5	ug/L
G4797-03	TPMW3	Water	1,1-Dichloroethene	0.54	J	0.47	0.5	5	ug/L
G4797-03	TPMW3	Water	Acetone	44.00		0.5	2.5	25	ug/L
G4797-03	TPMW3	Water	trans-1,2-Dichloroethene	2.90	J	0.41	0.5	5	ug/L
G4797-03	TPMW3	Water	cis-1,2-Dichloroethene	190.00		0.35	0.5	5	ug/L
G4797-03	TPMW3	Water	Benzene	4.70	J	0.32	0.5	5	ug/L
			Total Voc :	275.64					
			Total Concentration:	275.64					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029971.D	1		12/25/15 13:06	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	0.5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	0.5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	0.5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	150		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.3	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	2	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.48	J	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	0.5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	0.5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	2.5	25	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029971.D	1		12/25/15 13:06	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	3.8	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	0.5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	0.5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	40.5		61 - 141		81%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	50.5		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		58 - 135		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	856342	7.75				
540-36-3	1,4-Difluorobenzene	1456530	8.68				
3114-55-4	Chlorobenzene-d5	1324820	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	523618	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029971.D	1		12/25/15 13:06	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029975.D	1		12/25/15 14:56	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	0.5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	0.58	J	0.34	0.5	5	ug/L
74-83-9	Bromomethane	0.5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	0.5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	31.4		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.33	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	2	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	6.1		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	0.5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	0.5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	2.5	25	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029975.D	1		12/25/15 14:56	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	3.8	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	0.5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	0.5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.6		61 - 141		79%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	50		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		58 - 135		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	909656	7.75				
540-36-3	1,4-Difluorobenzene	1532750	8.68				
3114-55-4	Chlorobenzene-d5	1367080	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	562793	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029975.D	1		12/25/15 14:56	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029976.D	1		12/25/15 15:23	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	0.5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	33.5		0.34	0.5	5	ug/L
74-83-9	Bromomethane	0.5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	0.5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.54	J	0.47	0.5	5	ug/L
67-64-1	Acetone	44		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	2	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	2.9	J	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	190		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	0.5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	0.5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	4.7	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	2.5	25	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029976.D	1		12/25/15 15:23	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	3.8	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	0.5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	0.5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.3		61 - 141		79%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		69 - 133		95%	SPK: 50
2037-26-5	Toluene-d8	50		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		58 - 135		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	949819	7.75				
540-36-3	1,4-Difluorobenzene	1619750	8.68				
3114-55-4	Chlorobenzene-d5	1437910	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	600091	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029976.D	1		12/25/15 15:23	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TRIPBLANK	SDG No.:	G4797
Lab Sample ID:	G4797-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029970.D	1		12/25/15 12:38	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	0.5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	0.5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	0.5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	0.5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	2.5	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	2	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	0.5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	0.5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	0.5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	0.5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	0.5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	2.5	U	2.1	2.5	25	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	0.5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TRIPBLANK	SDG No.:	G4797
Lab Sample ID:	G4797-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029970.D	1		12/25/15 12:38	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	0.5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	3.8	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	0.5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	0.5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	0.5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	0.5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	39.3		61 - 141		79%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	51.6		65 - 126		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		58 - 135		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	883132	7.75				
540-36-3	1,4-Difluorobenzene	1488270	8.68				
3114-55-4	Chlorobenzene-d5	1297560	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	519512	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TRIPBLANK	SDG No.:	G4797
Lab Sample ID:	G4797-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN029970.D	1		12/25/15 12:38	VN122515

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4797	OrderDate:	12/14/2015 12:28:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4797-01	TPMW1	Water	VOCMS Group1	8260C	12/11/15		12/25/15	12/14/15
G4797-02	TPMW2	Water	VOCMS Group1	8260C	12/11/15		12/25/15	12/14/15
G4797-03	TPMW3	Water	VOCMS Group1	8260C	12/11/15		12/25/15	12/14/15
G4797-04	TRIPBLANK	Water	VOCMS Group1	8260C	12/11/15		12/25/15	12/14/15

Hit Summary Sheet
SW-846

SDG No.: G4797
Client: LaBella Associates P.C.

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	400 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083835.D	1	12/15/15 11:02	12/16/15 01:23	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
208-96-8	Acenaphthylene	2.5	U	1.8	2.5	25	ug/L
83-32-9	Acenaphthene	2.5	U	0.53	2.5	25	ug/L
86-73-7	Fluorene	2.5	U	0.78	2.5	25	ug/L
85-01-8	Phenanthrene	2.5	U	0.65	2.5	25	ug/L
120-12-7	Anthracene	2.5	U	0.4	2.5	25	ug/L
206-44-0	Fluoranthene	2.5	U	1	2.5	25	ug/L
129-00-0	Pyrene	2.5	U	0.5	2.5	25	ug/L
56-55-3	Benzo(a)anthracene	2.5	U	0.4	2.5	25	ug/L
218-01-9	Chrysene	2.5	U	0.45	2.5	25	ug/L
205-99-2	Benzo(b)fluoranthene	2.5	U	0.73	2.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	2.5	U	0.45	2.5	25	ug/L
50-32-8	Benzo(a)pyrene	2.5	U	0.35	2.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	U	0.38	2.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.5	U	1.1	2.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	2.5	U	0.73	2.5	25	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	76		36 - 131		76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.8		39 - 131		75%	SPK: 100
1718-51-0	Terphenyl-d14	71.2		23 - 130		71%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103313	6.9				
1146-65-2	Naphthalene-d8	425428	8.19				
15067-26-2	Acenaphthene-d10	184576	9.94				
1517-22-2	Phenanthrene-d10	304665	11.42				
1719-03-5	Chrysene-d12	236580	14.05				
1520-96-3	Perylene-d12	167627	15.49				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	400 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083835.D	1	12/15/15 11:02	12/16/15 01:23	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083836.D	1	12/15/15 11:02	12/16/15 01:51	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
208-96-8	Acenaphthylene	1	U	0.7	1	10	ug/L
83-32-9	Acenaphthene	1	U	0.21	1	10	ug/L
86-73-7	Fluorene	1	U	0.31	1	10	ug/L
85-01-8	Phenanthrene	1	U	0.26	1	10	ug/L
120-12-7	Anthracene	1	U	0.16	1	10	ug/L
206-44-0	Fluoranthene	1	U	0.4	1	10	ug/L
129-00-0	Pyrene	1	U	0.2	1	10	ug/L
56-55-3	Benzo(a)anthracene	1	U	0.16	1	10	ug/L
218-01-9	Chrysene	1	U	0.18	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	1	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	1	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1	U	0.42	1	10	ug/L
191-24-2	Benzo(g,h,i)perylene	1	U	0.29	1	10	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	78		36 - 131		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.1		39 - 131		88%	SPK: 100
1718-51-0	Terphenyl-d14	76.7		23 - 130		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98083	6.9				
1146-65-2	Naphthalene-d8	372847	8.19				
15067-26-2	Acenaphthene-d10	153630	9.94				
1517-22-2	Phenanthrene-d10	252616	11.42				
1719-03-5	Chrysene-d12	224831	14.05				
1520-96-3	Perylene-d12	153193	15.49				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083836.D	1	12/15/15 11:02	12/16/15 01:51	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083837.D	1	12/15/15 11:02	12/16/15 02:18	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
208-96-8	Acenaphthylene	1.1	U	0.79	1.1	11.2	ug/L
83-32-9	Acenaphthene	1.1	U	0.24	1.1	11.2	ug/L
86-73-7	Fluorene	1.1	U	0.35	1.1	11.2	ug/L
85-01-8	Phenanthrene	1.1	U	0.29	1.1	11.2	ug/L
120-12-7	Anthracene	1.1	U	0.18	1.1	11.2	ug/L
206-44-0	Fluoranthene	1.1	U	0.45	1.1	11.2	ug/L
129-00-0	Pyrene	1.1	U	0.22	1.1	11.2	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	0.18	1.1	11.2	ug/L
218-01-9	Chrysene	1.1	U	0.2	1.1	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	0.33	1.1	11.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	0.2	1.1	11.2	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	0.16	1.1	11.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	0.17	1.1	11.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.1	U	0.47	1.1	11.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	0.33	1.1	11.2	ug/L
SURROGATES							
4165-60-0	Nitrobenzene-d5	70.9		36 - 131		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		39 - 131		84%	SPK: 100
1718-51-0	Terphenyl-d14	65.4		23 - 130		65%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93792	6.9				
1146-65-2	Naphthalene-d8	354698	8.19				
15067-26-2	Acenaphthene-d10	145163	9.94				
1517-22-2	Phenanthrene-d10	236194	11.43				
1719-03-5	Chrysene-d12	212376	14.05				
1520-96-3	Perylene-d12	146995	15.49				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF083837.D	1	12/15/15 11:02	12/16/15 02:18	PB87315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	G4797	OrderDate:	12/14/2015 12:28:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4797-01	TPMW1	Water	SVOCMS Group1	8270D	12/11/15	12/15/15	12/16/15	12/14/15
G4797-02	TPMW2	Water	SVOCMS Group1	8270D	12/11/15	12/15/15	12/16/15	12/14/15
G4797-03	TPMW3	Water	SVOCMS Group1	8270D	12/11/15	12/15/15	12/16/15	12/14/15

Hit Summary Sheet SW-846

SDG No.: G4797

Order ID: G4797

Client: LaBella Associates P.C.

Project ID: 1660 Niagara Street, Buffalo, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TPMW1									
G4797-01	TPMW1	WATER	Barium	39.200	J	4	12.5	50	ug/L
G4797-01	TPMW1	WATER	Selenium	14.000		4.8	5.0	10	ug/L
Client ID : TPMW2									
G4797-02	TPMW2	WATER	Arsenic	6.530	J	2.5	2.5	10	ug/L
G4797-02	TPMW2	WATER	Barium	313.000		4	12.5	50	ug/L
G4797-02	TPMW2	WATER	Chromium	4.940	J	1.1	1.25	5	ug/L
G4797-02	TPMW2	WATER	Lead	23.600		1.5	1.5	6	ug/L
G4797-02	TPMW2	WATER	Mercury	0.189	J	0.1	0.1	0.2	ug/L
G4797-02	TPMW2	WATER	Selenium	11.200		4.8	5.0	10	ug/L
Client ID : TPMW3									
G4797-03	TPMW3	WATER	Barium	783.000		4	12.5	50	ug/L
G4797-03	TPMW3	WATER	Chromium	8.920		1.1	1.25	5	ug/L
G4797-03	TPMW3	WATER	Lead	7.330		1.5	1.5	6	ug/L
G4797-03	TPMW3	WATER	Mercury	0.706		0.1	0.1	0.2	ug/L

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW1	SDG No.:	G4797
Lab Sample ID:	G4797-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.5	U	1	2.5	2.5	10	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7440-39-3	Barium	39.2	J	1	4	12.5	50	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7440-47-3	Chromium	1.25	U	1	1.1	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7439-92-1	Lead	1.5	U	1	1.5	1.5	6	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7439-97-6	Mercury	0.1	U	1	0.1	0.1	0.2	ug/L	12/14/15 14:15	12/15/15 15:25	SW7470A
7782-49-2	Selenium	14		1	4.8	5.0	10	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:26	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW2	SDG No.:	G4797
Lab Sample ID:	G4797-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	6.53	J	1	2.5	2.5	10	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7440-39-3	Barium	313		1	4	12.5	50	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7440-47-3	Chromium	4.94	J	1	1.1	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7439-92-1	Lead	23.6		1	1.5	1.5	6	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7439-97-6	Mercury	0.189	J	1	0.1	0.1	0.2	ug/L	12/14/15 14:15	12/15/15 15:27	SW7470A
7782-49-2	Selenium	11.2		1	4.8	5.0	10	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:30	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	12/11/15
Project:	1660 Niagara Street, Buffalo, NY	Date Received:	12/14/15
Client Sample ID:	TPMW3	SDG No.:	G4797
Lab Sample ID:	G4797-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	2.5	U	1	2.5	2.5	10	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7440-39-3	Barium	783		1	4	12.5	50	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7440-43-9	Cadmium	0.75	U	1	0.5	0.75	3	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7440-47-3	Chromium	8.92		1	1.1	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7439-92-1	Lead	7.33		1	1.5	1.5	6	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7439-97-6	Mercury	0.706		1	0.1	0.1	0.2	ug/L	12/14/15 14:15	12/15/15 15:29	SW7470A
7782-49-2	Selenium	5	U	1	4.8	5.0	10	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010
7440-22-4	Silver	1.25	U	1	1.25	1.25	5	ug/L	12/16/15 12:15	12/16/15 15:34	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	G4797	OrderDate:	12/14/2015 12:28:00 PM
Client:	LaBella Associates P.C.	Project:	1660 Niagara Street, Buffalo, NY
Contact:	Adam Zebrowski	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
G4797-01	TPMW1	WATER			12/11/15			12/14/15
			Mercury	7470A		12/14/15	12/15/15	
			Metals ICP-RCRA	6010B		12/16/15	12/16/15	
G4797-02	TPMW2	WATER			12/11/15			12/14/15
			Mercury	7470A		12/14/15	12/15/15	
			Metals ICP-RCRA	6010B		12/16/15	12/16/15	
G4797-03	TPMW3	WATER			12/11/15			12/14/15
			Mercury	7470A		12/14/15	12/15/15	
			Metals ICP-RCRA	6010B		12/16/15	12/16/15	

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. **G4797**
QUOTE NO. **G4797**
COC Number **036447**

8.1

CLIENT INFORMATION				CLIENT PROJECT INFORMATION				CLIENT BILLING INFORMATION											
REPORT TO BE SENT TO: COMPANY: <u>LaBella Associates APC</u>				PROJECT NAME: <u>Buffalo Niagara Amherst</u>				BILL TO: <u>LaBella</u>											
ADDRESS: <u>300 Pearl St. Suite 130</u>				PROJECT NO: <u>2151177</u> LOCATION: <u>Buffalo, NY</u>				ADDRESS:											
CITY: <u>Buffalo</u> STATE: <u>NY</u> ZIP: <u>14202</u>				PROJECT MANAGER: <u>Adam Zebrowski</u>				CITY: STATE: ZIP:											
ATTENTION: <u>Adam Zebrowski</u>				e-mail: <u>azebrowski@labellapc.com</u>				ATTENTION: <u>Adam Z</u> PHONE:											
PHONE: <u>716-551-6281</u> FAX: <u>716-551-6282</u>				PHONE: FAX:				ANALYSIS											
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION															
FAX: DAYS *				☒ LEVEL 1: Results only ☐ Others				TCL UCCS 8260 CP-51 UCCS 8260 CP-51 SVR 58270 PCRA Details 6047415											
HARD COPY: DAYS *				☐ LEVEL 2: Results + QC															
EDD: <u>Standard</u> DAYS *				☐ LEVEL 3: Results (plus results raw data) + QC															
PREAPPROVED TAT: ☐ YES ☐ NO				☐ LEVEL 4: Results + QC (all raw data)															
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				☐ EDD Format:															
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		AAB											
1.	TPMW 1	GW	X		12-11-15	14:45	4	X	X	X	X								TPMW 1 - Limited volume !! - only 50ml for CP-51 SVR, analysis approved - Test for filtered metals on TPMW from 1-14-15 amber non-preser.
2.	TPMW 2	GW	X		12-11-15	12:30	4	X	X	X	X								
3.	TPMW 3	GW	X		12-11-15	10:45	4	X	X	X	X								
4.	Trip Blank							X											
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: <u>LA</u>	DATE/TIME: <u>12-11-15/16:00</u>	RECEIVED BY: <u>1.</u>	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:	Cooler Temp. <u>6.2</u>
RELINQUISHED BY: <u>2.</u>	DATE/TIME: <u>12-14-15</u>	RECEIVED BY: <u>2.</u>		Ice In Cooler?: <u>yes</u>
RELINQUISHED BY: <u>FedEx</u>	DATE/TIME: <u>12-14-15</u>	RECEIVED FOR LAB BY: <u>3. C. L. L.</u>		

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT.

Shipment Complete: ☐ YES ☐ NO

ups **UPS Next Day Air[®]**
UPS Worldwide Express
Shipping Document

WEIGHT	LTR	PAK	WEIGHT	DIMENSIONAL WEIGHT If Applicable	LARGE PACKAGE	SHIPPER RELEASE
	☐	☒			☐	☐

☐ EXPRESS (INT'L)
☐ DOCUMENTS ONLY

The shipper warrants UPS to act as forwarding agent for export (airmail and surface) packages.
The shipper certifies that these commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. (Export commodity to U.S. law is prohibited.)

SATURDAY DELIVERY

SHIPMENT FROM
UPS ACCOUNT NO. **153E79**
REFERENCE NUMBER

1Z 153 E79 22 1002 6315

1Z 153 E79 22 1002 6315

2161177
Chris Binder
TELEPHONE
LABELLA ASSOCIATES, D.P.C
300 PEARL STREET, SUITE 325

C. Perer
12-14-15
6:00
11/10

BUFFALO **NY 14202**
DELIVERY TO
TELEPHONE

UPS Next Day Air **1**

Chertech
284 Sheffield St.
Mantanside, NJ. 07092

1Z 153 E79 22 1002 6315

1Z 153 E79 22 1002 6315
DATE OF SHIPMENT

SHIPMENT ID NUMBER **153E 7778 475**

12/11/15



284 Sheffield Street Mountainside NJ 07092 Tel. 908-7898900

Laboratory Certification

State	License No.
New Jersey	20012
New York	11376
Connecticut	PH-0649
Florida	E87935
Louisiana	5035
Maryland	296
Massachusetts	M-NJ503
Pennsylvania	68-548
Rhode Island	LAO00259
Virginia	460220
Texas	T10470448-10-1

Other :

DOD ELAP Certified (L-A-B Accredited), ISO/IEC 17025	L2219
Soil Permit	P330-11-00012
CLP Inorganic Contract	EPW09038
CLP Organic Contract	EPW11030

QA Control Code: A2070148



LOGIN REPORT/SAMPLE TRANSFER

8.4

Order ID:	<u>G4797</u>	<u>LABE01</u>	Order Date:	<u>12/14/2015</u>	Project Mgr:	<u>karen</u>
Client Name:	<u>LaBella Associates P.C.</u>		Project Name:	<u>1660 Niagara Street, Buffalo, N</u>	Report Type:	<u>Level 1</u>
Client Contact:	<u>Adam Zebrowski</u>		Rec DateTime	<u>12/14/2015 10:18:00 A</u>	EDD:	<u>EXCEL NOCLEANUP</u>
Invoice Name:	<u>LaBella Associates P.C.</u>		Purchase Order:	<u>LaBella #2151177</u>	Hard Copy Date:	
Invoice Contact	<u>Adam Zebrowski</u>		Login Tech:	<u>KANDARP</u>	Date Signoff:	<u>12/14/2015 1:18:30 PM</u>

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
G4797-01	TPMW1	Water	12/11/2015	14:45	4	VOCMS Group1	8260C	RCRA metals samples submitted in amber jar, unpreserved. Needs to be lab filtered	10 Bus. 2/25/2015	12/25/2
G4797-02	TPMW2	Water	12/11/2015	12:30	4	VOCMS Group1	8260C		10 Bus. 2/25/2015	12/25/2
G4797-03	TPMW3	Water	12/11/2015	10:45	4	VOCMS Group1	8260C		10 Bus. 2/25/2015	12/25/2
G4797-04	TRIPBLANK	Water	12/11/2015	0:00	2	VOCMS Group1	8260C	TB	10 Bus. 2/25/2015	12/25/2



LOGIN REPORT/SAMPLE TRANSFER

8.4

Order ID:	G4797	LABE01	Order Date:	12/14/2015	Project Mgr:	karen
Client Name:	LaBella Associates P.C.		Project Name:	1660 Niagara Street, Buffalo, N	Report Type:	Level 1
Client Contact:	Adam Zebrowski		Rec Date/Time:	12/14/2015 10:18:00 A	EDD:	EXCEL NOCLEANUP
Invoice Name:	LaBella Associates P.C.		Purchase Order:	LaBella #2151177	Hard Copy Date:	
Invoice Contact:	Adam Zebrowski		Login Tech:	KANDARP	Date Signoff:	12/14/2015 1:18:30 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
--------	-----------	--------	-------------	------------	-----------	------------	--------	---------	----------	-----------

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody? Yes
Are the number of samples the same as stated on the chain of custody? Yes
Are bottle caps tight and securely in place? Yes
Were all containers intact when received? Yes
Were samples submitted in an ice chest? Yes
Were samples received cold? Yes
Were samples within the holding time for the requested test(s)? Yes
Is the volume of sample submitted sufficient for the requested test(s)? NA
Are all samples for volatile organic analyses free of headspace? Yes

Relinquished By:

Date / Time:

2/4/12-11-15

Received By:

Date / Time:

12/14/15

Storage Area:

VOA Refridgerator Room

ORDER COMMENT

NY--
VOCMS Grp1=TCL incl. of CP-51--
SVOCMS Grp1=CP-51--

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-91591-1

Client Project/Site: Buffalo Niagara Riverkeeper

For:

LaBella Associates DPC

300 Pearl Street

Suite 130

Buffalo, New York 14202

Attn: Adam Zebrowski



Authorized for release by:

11/25/2015 6:12:06 PM

Rebecca Jones, Project Management Assistant I

rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I

(716)504-9874

melissa.deyo@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Lab Chronicle	6
Certification Summary	7
Method Summary	8
Sample Summary	9
Receipt Checklists	10
Chain of Custody	11



Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Job ID: 480-91591-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-91591-1

Comments

No additional comments.

Receipt

The samples were received on 11/21/2015 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC Semi VOA

Method(s) 310.13: The following samples contained a petroleum product which most closely resembles Gasoline: TANK A (480-91591-1) and TANK B (480-91591-2).

Method(s) 310.13: The following samples were diluted to bring the concentration of target analytes within the calibration range: TANK A (480-91591-1) and TANK B (480-91591-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Elevated reporting limits are provided for the following samples due to insufficient sample provided for preparation: TANK A (480-91591-1) and TANK B (480-91591-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Client Sample ID: TANK A

Date Collected: 11/18/15 10:15

Date Received: 11/21/15 09:20

Lab Sample ID: 480-91591-1

Matrix: Water

Method: 310.13 - Identification of Routine Petroleum Products

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8200		230	230	mg/L		11/24/15 08:23	11/25/15 11:39	200
Kerosene	ND		580	580	mg/L		11/24/15 08:23	11/25/15 11:39	200
Motor Oil	ND		1200	1200	mg/L		11/24/15 08:23	11/25/15 11:39	200
Fuel Oil #2	ND		580	580	mg/L		11/24/15 08:23	11/25/15 11:39	200
Fuel Oil #4	ND		580	580	mg/L		11/24/15 08:23	11/25/15 11:39	200
Fuel Oil #6	ND		580	580	mg/L		11/24/15 08:23	11/25/15 11:39	200
Unknown Hydrocarbons	ND		230	230	mg/L		11/24/15 08:23	11/25/15 11:39	200

Client Sample ID: TANK B

Date Collected: 11/18/15 10:30

Date Received: 11/21/15 09:20

Lab Sample ID: 480-91591-2

Matrix: Water

Method: 310.13 - Identification of Routine Petroleum Products

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2200		200	200	mg/L		11/24/15 08:23	11/25/15 12:13	200
Kerosene	ND		500	500	mg/L		11/24/15 08:23	11/25/15 12:13	200
Motor Oil	ND		1000	1000	mg/L		11/24/15 08:23	11/25/15 12:13	200
Fuel Oil #2	ND		500	500	mg/L		11/24/15 08:23	11/25/15 12:13	200
Fuel Oil #4	ND		500	500	mg/L		11/24/15 08:23	11/25/15 12:13	200
Fuel Oil #6	ND		500	500	mg/L		11/24/15 08:23	11/25/15 12:13	200
Unknown Hydrocarbons	ND		200	200	mg/L		11/24/15 08:23	11/25/15 12:13	200

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Client Sample ID: TANK A

Date Collected: 11/18/15 10:15

Date Received: 11/21/15 09:20

Lab Sample ID: 480-91591-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			276635	11/24/15 08:23	RMZ	TAL BUF
Total/NA	Analysis	310.13		200	276916	11/25/15 11:39	JMO	TAL BUF

Client Sample ID: TANK B

Date Collected: 11/18/15 10:30

Date Received: 11/21/15 09:20

Lab Sample ID: 480-91591-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			276635	11/24/15 08:23	RMZ	TAL BUF
Total/NA	Analysis	310.13		200	276916	11/25/15 12:13	JMO	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

1

2

3

4

5

6

7

8

9

10

11

Method Summary

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Method	Method Description	Protocol	Laboratory
310.13	Identification of Routine Petroleum Products	NYASP	TAL BUF

Protocol References:

NYASP = New York Analytical Services Protocol

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: Buffalo Niagara Riverkeeper

TestAmerica Job ID: 480-91591-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-91591-1	TANK A	Water	11/18/15 10:15	11/21/15 09:20
480-91591-2	TANK B	Water	11/18/15 10:30	11/21/15 09:20

1

2

3

4

5

6

7

8

9

10

11

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-91591-1

Login Number: 91591

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	~50ML FOR EACH SAMPLE
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	LIMITED VOLUME
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	labella
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

CLIENT INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION					
COMPANY: Labella Associates, PC ADDRESS: 300 Pearl Street, Suite 130 CITY: Buffalo, NY STATE: NY ZIP: 14202 ATTENTION: Chris Kidd PHONE: 716-551-6281 FAX: 716-551-6282		PROJECT NAME: Buffalo Niagara Riverkeeper PROJECT NO.: 25117 LOCATION: Buffalo, NY PROJECT MANAGER: Adam Zebarski e-mail: azebarski@labella.com PHONE: 716-551-6281 FAX: 716-551-6282		BILL TO: Labella Associates, PC ADDRESS: 300 Pearl Street CITY: Buffalo, NY STATE: NY ZIP: 14202 ATTENTION: Adam Zebarski PHONE: 716-551-6282					
DATA TURNAROUND INFORMATION REPORT TO BE SENT TO: HARD COPY: Standard - 10 PRE-APPROVED TAT: YES ☐ NO ☐ * STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		DATA DELIVERABLE INFORMATION ☒ LEVEL 1: Results only ☐ LEVEL 2: Results + QC ☐ LEVEL 3: Results (plus results raw data) + QC ☐ LEVEL 4: Results + QC (all raw data) ☐ EDD Format:		ANALYSIS 1 2 3 4 5 6 7 8 9					
CHEMTECH SAMPLE ID	PROJECT IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	TIME	# OF BOTTLES	PRESERVATIVES	COMMENTS	
1.	Tank A		X	11-18-15	10:15	1		Hold!	
2.	Tank B		X	11-18-15	10:30	1		Hold!	
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY									
RELINQUISHED BY: [Signature] DATE/TIME: 11-18-15/6:00 PM		RECEIVED BY: [Signature] DATE/TIME: 11-24-15/9:00 AM		COOLER TEMP: 5°C ICE IN COOLER? YES					
RELINQUISHED BY: [Signature] DATE/TIME: 11-20-15		RECEIVED BY: [Signature] DATE/TIME: 11-20-15		COOLER TEMP: 5°C ICE IN COOLER? YES					
RELINQUISHED BY: [Signature] DATE/TIME: 11-20-15		RECEIVED BY: [Signature] DATE/TIME: 11-20-15		COOLER TEMP: 5°C ICE IN COOLER? YES					
SHIPMENT COMPLETE: YES ☒ NO ☐ SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ PICKED UP ☐ OVERNIGHT ☐ Page of									

