LABELLA Associates, D.P.C.
Engineering
Architecture
Environmental
Planning

.

Phase II
Environmental Site Assessment

Location:

471 and 485 Hague Street
Rochester, New York

Prepared for:

Genesee Regional Bank
1850 South Winton Road
Rochester, New York 14618

LaBella Project No. 2161792

November 17, 2016

Relationships. Resources. Results.

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1.0 INTRODUCTION

LaBella Associates, D.P.C. ("LaBella") was retained by Genesee Regional Bank, to conduct a Phase II Environmental Site Assessment (ESA) at the property located at 471 and 485 Hague Street in the City of Rochester, Monroe 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 Special Terms & Conditions

The findings of this Phase II ESA are based on the scope of work and project objectives as stated in LaBella Proposal Number P161985 dated September 13, 2016.

1.2 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 Associates, D.P.C., 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 property 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.

2.0 BACKGROUND

2.1 Site Description & Features

The Site consists of two parcels totaling approximately 1.89 acres of land and is currently developed with four structures as detailed in the table below.

	Structure #1	Structure #2	Structure #3	Structure #4
Square Footage	36,152	47,640	22,754	676
Foundation Type	Slab-on-grade	Slab-on-grade	Slab-on-grade	Slab-on-grade
Number of Stories	One	Two	One	One
Construction Date	1938 (western addition in 2008)	1926 (western addition in ~1961)	1965	1928
Current Use	Wood-working shop	Metal fabrication	Shipping, staining and storage	Storage
Hereinafter referred to as	Building 1	Building 2	Building 3	Building 4

2.2 Physical Setting

The Site is located on Hague Street in the City of Rochester, Monroe County, New York within a predominantly commercial and urban area.

2.3 Site History & Land Use

Based on review of the Phase I ESA completed by LaBella dated September 19, 2016, the Site was historically comprised of residential parcels from the late 1800s to early 1900s and gradually developed and occupied for commercial use. Historical use of the Site of concern is summarized below:

- A gasoline filling station was located on the southeastern corner of the Site (with two gasoline underground storage tanks (USTs) depicted in 1950 on a Sanborn Map) from at least 1926 until approximately 1965.
- An automotive repair shop occupied Building 3 from at least 1950 until approximately 1971.
- An automotive repair shop occupied Building 4 from at least 1965 until approximately 1971.
- Building 2 was occupied by a machine shop, including metal stamping, metal fabrication and tool manufacturing from at least 1930 until present day.

2.4 Adjacent Property Use

The Site is bordered by the following properties:

Direction	Land Use
North	Manufacturing
East	Residential
South	Residential
Southwest	Vacant Lot

2.5 Summary of Previous Studies

Phase I Environmental Site Assessment dated December 1998 by C&O Technologies

Based on the results of the assessment, C&O Technologies identified the following two issues:

- A former gasoline filling station was located on the southeastern portion of the Site from the 1950s until the mid-1970s. They also indicated that there were two 2,000 gallon gasoline USTs installed in 1953 associated with the gasoline filling station. During the late 1970's, Woerner Industries reportedly demolished the former service building associated with the gas station. C&O reportedly reviewed a Phase II Investigation dated March 1998, that indicated these two USTs had been removed from the Site. The Phase II apparently reported that only minor amounts of petroleum were present in the soil left from the excavation of the tanks. Virgil Excavating (Virgil) reportedly installed a vent system in the area of the former gasoline station and associated tanks to help remediate the residual petroleum present in the soil. Virgil reportedly encountered minor amounts of petroleum while digging trenches for the soil vents. Based on the records reviewed by C&O, they identified a REC associated with the presence of petroleum impacted soils in the area of the former gas station tanks.

- A 6,000-gallon fuel oil UST was reportedly removed from the Site (west of Building 3) in 1993 by Virgil Excavation. There were reportedly no holes found in the tank upon removal. In addition, no soil contamination was reportedly found in the vicinity of the UST.

Report of Remedial Activities dated January 6, 2009 by Passero Associates

*****It should be noted that this report is associated with the western adjacent property and the associated structure that was formerly located on the southwestern portion of the Site.

The two structures that formerly existed on the western adjacent property and a position of the Site were reportedly demolished in 2002. This southwestern portion of the current Site was reportedly added onto the Site parcel in 2009. Previous investigations at the adjacent property reportedly identified Recognized Environmental Conditions (RECs) associated with fill materials consisting of soil, gravel, asphalt, concrete, slag, ash and dried paint. Petroleum/volatile organic compound (VOC) contaminated soils were also reportedly identified across portions of the property. These previous investigations included a Phase II ESA prepared by Sear Brown in 2001; an Environmental Management Plan prepared by Day Environmental, Inc. (Day) in 2002; and a Limited Subsurface Study prepared by Day in 2006. [*Note: LaBella did not obtain copies of these previous reports as of the date of this report submission and as such, these reports were not reviewed.*]

The Remedial plan goals included removal of the paint-contaminated soils (on the western portion of the property off-Site) and removal of unsuitable fill soils (on the eastern portion of the property – currently the Site). Passero Associates reportedly excavated approximately 650 cubic yards of unsuitable fill material from the eastern portion of the Site. Several semi-volatile organic compounds (SVOCs) (specifically benzo(a)anthracene, benzo(a)pyrene and chrysene) were detected in the excavated soil at concentrations exceeding TAGM 4046 Recommended Soil Cleanup Objectives (RSCOs). Several metals were also detected at concentrations above applicable RSCOs. None of the excavated materials were reportedly contaminated by petroleum-related compounds or other VOCs (based on visual assessment and organic vapor readings). As such, the remedial plan was reportedly successfully executed.

Phase I Environmental Site Assessment by LaBella Associates, D. P.C. dated September 19, 2016

Based on the results of this assessment, the following RECs were been identified at the Site:

- **Historical Utilization of Building 2 for Metal Fabrication** - Based on review of historical information, Building 2 was occupied by a machine shop, including metal stamping, metal fabrication, and tool manufacturing from at least 1930 until present day. These types of manufacturing operations are known to use various chlorinated solvents, heavy metals, lubricants, and cutting oils. Subsurface environmental conditions proximate to Building 2 are unknown.
- **Historical Utilization of Buildings 3 and 4 for Automotive Repair** - An automotive repair shop occupied Building 4 from at least 1965 until approximately 1971. This building included a former automotive "pit" associated with previous service operations that was later filled in with concrete. In addition, an automotive repair shop also occupied Building 3 from at least 1950 until approximately 1971. Based on the long-term utilization of Buildings 3 and 4 for automotive repair, the subsurface environmental conditions proximate to these buildings are unknown.

- **Former Underground Storage Tanks (USTs)** – A 6,000-gallon fuel oil UST was reportedly removed from the Site (west of Building 3) in 1993. In addition, two former gasoline USTs and associated fuel dispensers associated with a former gasoline station from at least 1926 to 1956 were removed from the Site at an unknown date. However, no soil and groundwater sampling was conducted to document subsurface conditions associated with the USTs and fuel dispensers.

3.0 OBJECTIVE

The objective of this Phase II ESA was to conduct an evaluation for the presence of subsurface impacts associated with the RECs identified on the LaBella Phase I ESA dated September 16, 2016.

4.0 SCOPE OF WORK

To achieve the project objectives the following Scope of Work was performed:

1. Prior to the initiation of subsurface work, an underground utility stake-out, via *Dig Safely New York*, was completed at the Site to locate utilities in the areas where the subsurface assessment would take place.
2. A direct push soil boring and sampling program of the overburden at the Site was implemented. Soil borings were advanced with a track-mounted Geoprobe® Systems Model 54LT direct-push sampling system. The use of direct-push technology allows for rapid sampling, observation, and characterization of overburden soils. The Geoprobe utilizes a 4 foot (ft) MacroCore® sampler with disposable polyethylene sleeves. Soil cores are retrieved in 4 ft sections and can be cut from the polyethylene sleeves for observation and sampling. The MacroCore® sampler was decontaminated between boring locations using an alconox and potable water solution. A total of 10 soil borings were advanced at the Site to depths ranging from 3.9 to 11.5 ft below ground surface (bgs). Soil boring locations are detailed on Figure 2.
3. Soils from the borings were continuously assessed for visible impairment, olfactory indications of impairment, and/or indication of detectable volatile organic compounds (VOCs) with a photo-ionization detector (PID). Positive indications from any of these screening methods are collectively referred to as "evidence of impairment."
4. Three soil borings were converted to temporary overburden groundwater monitoring wells. Each well was completed with 5 ft of 0.010 inch (in.) slot well screen connected to an appropriate length of solid PVC well riser to complete the well. The annulus was sand packed with quartz sand to a nominal depth of 1 ft above the screen section. A 1 ft bentonite seal was placed above the sand pack. Water was not observed in the wells at the time of the Phase II ESA fieldwork, as such groundwater samples were not collected.
5. Soil samples were placed in a cooler on ice and sent under standard chain of custody procedures to ESC Lab Sciences in Mt. Juliet, Tennessee. ESC Lab Sciences is a New York State Department of Health Environmental Laboratory Approval Program certified laboratory.

5.0 FINDINGS

5.1 Site Geology and Hydrology

Ten soil borings were advanced at the Site on October 25, 2016, designated GP-01 through GP-10. The borings were advanced to equipment refusal and terminal depths of the borings ranged from approximately 3.9 to 11.5 ft bgs.

All soil cores were continuously assessed by a LaBella Environmental Geologist for soil type and evidence of impairment. Elevated PID readings (i.e., greater than 1 ppm) were observed in two of the ten soil borings, with the highest PID readings of 16.3 parts per million (ppm) measured in boring GP-02 at approximately 11.5 ft bgs. Refer to Section 5.2 for additional information regarding field screening results.

Soils at the Site consisted generally of glacial till comprised of tightly packed brown sand, sandy silts and little fine to coarse subangular and subrounded gravel. Drilling equipment refusal was encountered in the borings between 3.9 to 11.5 ft bgs, which may indicate the top of bedrock at the Site.

Three temporary overburden groundwater monitoring wells (designated as GPMW-05, GPMW-07, and GPMW-09) were installed at the Site within soil boreholes GP-05, GP-07, and GP-09 respectively. The wells were completed with 5 ft of 0.01 in. slotted screen below PVC risers. The annulus surrounding the wells were filled with quartz sand. Groundwater was not present in the wells at the Site at the time of the Phase II ESA fieldwork, as such groundwater samples were not collected.

Soil boring and monitoring well locations are shown on Figure 2. Copies of the Soil Boring Logs are included in Appendix 1.

5.2 Field Screening Results

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

Field Screening Results Summary

Exploration Location	Total Depth (ft bgs)	Well Number	Area of Concern	PID Reading (depth in ft bgs)					
				0-2	2-4	4-6	6-8	8-10	10-12
GP-01	5.8	NA	Former UST and Pump Island	0	0	0.4	--	--	--
GP-02	11.5	NA	Former UST and Pump Island	0	0	0	0	5.4	16.3
GP-03	7.2	NA	Former UST and Pump Island	0	0	0.1	0.7	--	--
GP-04	10.0	NA	Former UST and Pump Island	0	0	0	0	0	--
GP-05	3.9	GPMW-05	Former Auto Repair	0	0	--	--	--	--
GP-06	11.1	NA	Former Auto Repair	0	0	0	0	0	0
GP-07	10.7	GPMW-07	Former Auto Repair	0	1.2	0	0	0	--
GP-08	7.0	NA	Machine Shop	0	0	0	0		--
GP-09	11.0	GPMW-09	Machine Shop	0	0	0	0	0	0
GP-10	10.5	NA	Former Fuel Oil UST	0	0	0	0	0	--

Table Notes:

1. *All PID readings were collected utilizing a Minirae 3000 photoionization detector and are expressed in parts per million.*
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 was not completed to above-listed depth or insufficient recovery occurred at specified depth.*
4. *NA denotes Not Applicable*

5.3 Laboratory Analytical Results

LaBella submitted five soil samples to evaluate the RECs identified in the LaBella Phase I ESA completed at the Site. The soil samples were submitted for the following analyses:

Summary of Laboratory Analysis

Sample ID/Location	Sample Depth (ft bgs)	Area of Concern	Laboratory Analysis
GP-02	11-11.5	Former UST and Pump Island	-VOCs -SVOCs
GP-06	10-11.1	Former Auto Repair	-VOCs
GP-08	6-7	Machine Shop	-VOCs -SVOCs -RCRA Metals -PCBs
GP-09	10-11		
GP-10	4-5	Former Fuel Oil UST	-SVOCs

Notes:

- VOCs denotes United States Environmental Protection Agency (USEPA) Target Compound List (TCL) and New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51) list VOC using USEPA Method 8260
- SVOCs denotes NYSDEC CP-51 list semi-volatile organic compounds (SVOCs) using USEPA Method 8270
- RCRA denotes Resource Conservation and Recovery Act (RCRA) Metals using USEPA Methods 6010 and 7471
- PCBs denotes polychlorinated biphenyls (PCBs) using USEPA Method 8082

The soil results have been compared to the Soil Cleanup Objectives (SCOs) included in Tables 2 and 3 of the NYSDEC Commissioner Policy CP-51 (October 2010). The results were also compared to the NYSDEC Part 375-6.8(a) Unrestricted SCOs for compounds not listed in NYSDEC CP-51 guidance document and the NYSDEC Part 375-6.8(b) Restricted Use SCOs for a Commercial Site. A copy of the laboratory analytical report is included in Appendix 2.

The analytical results of the soil samples are summarized in the following attached tables:

- Table 1 – Soil VOC Results
- Table 2 – Soil SVOC Results
- Table 3 – Soil RCRA Metals Results
- Table 4 – Soil PCBs Results

5.3.1 Soil

VOCs
VOCs were detected in each sample above the laboratory method detection limit (MDL), but below the NYSDEC Part 375-6.8(a) Unrestricted Use and NYSDEC CP-51 SCOs. It should be noted that chemical solvent related VOCs, carbon tetrachloride was detected at a concentration of 1.48 micrograms per kilogram (µg/kg), 1,1-dichloroethane at 3.18 µg/kg, and 1,1,1-trichloroethane at 14.6 µg/kg from the sample collected from boring GP-08 in the area of the machine shop at Building 2. These compounds are chemical solvents and are commonly used in machine shop operations.

SVOCs
SVOCs were detected in one of the four samples above the laboratory MDL. Two SVOCs (i.e. fluoranthene and pyrene) were detected in the sample collected from boring GP-10 at concentrations below the NYSDEC CP-51 SCOs.

Metals
Metals were detected in each sample above the laboratory MDL, but below the NYSDEC Part 375-6.8(a) Unrestricted Use SCOs.

PCBs
PCBs were not detected above the laboratory MDL in the soil samples.

6.0 CONCLUSIONS

LaBella Associates, D.P.C. ("LaBella") was retained by Genesee Regional Bank, to conduct a Phase II Environmental Site Assessment (ESA) at the property located at 471 and 485 Hague Street in the City of Rochester, Monroe County, New York. The ESA consisted of the advancement of 10 soil borings and laboratory analysis of five soil samples. This ESA was performed to evaluate the Site subsurface based on the historic uses of the Site as a gasoline station, machine shop, and auto repair. Conclusions are summarized below:

- Based on results of soil samples collected from borings GP-02 and GP-06 and observation of soil from the borings GP-01 through GP-07, there does not appear to a remedial environmental concern associated with the historical use of the site as a gasoline station and automotive repair.
- Based on field screening observations of boring GP-10 and corresponding analytical results, there does not appear to be a remedial concern regarding the former fuel oil UST at the Site.
- Based on field screening observations of borings GP-08 and GP-09 and corresponding laboratory results of samples collected from these borings, there does not appear to be a remedial concern associated with the machine shop at the Site at this time. However, chemical solvent related VOCs (i.e. carbon tetrachloride, 1,1-dichloroethane, and 1,1,1-trichloroethane) were detected above the laboratory MDL in boring GP-08 in the area of the Building 2/Machine Shop. These compounds are commonly used in machine shop operations. There is the potential that these compounds and other solvent related VOCs may exist at greater concentration at other locations at the Site.

7.0 RECOMMENDATIONS

Further investigation is recommended in the area of the machine shop to determine if solvent related VOCs are present at other locations in the area of Building 2/Machine Shop including whether these compounds have impacted the groundwater.

No further investigation or remediation is recommended in the area of the former gasoline station, automotive repair areas in Building 3 and 4, and the area of the former fuel oil UST.

A copy of all information collected during this assessment, including maps, notes, analytical data and other material will be kept on file at the offices of LaBella Associates, D.P.C. This information is available upon the request.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Report Prepared By:

Michael F. Pelychaty

Michael F. Pelychaty, P.G.
Environmental Geologist

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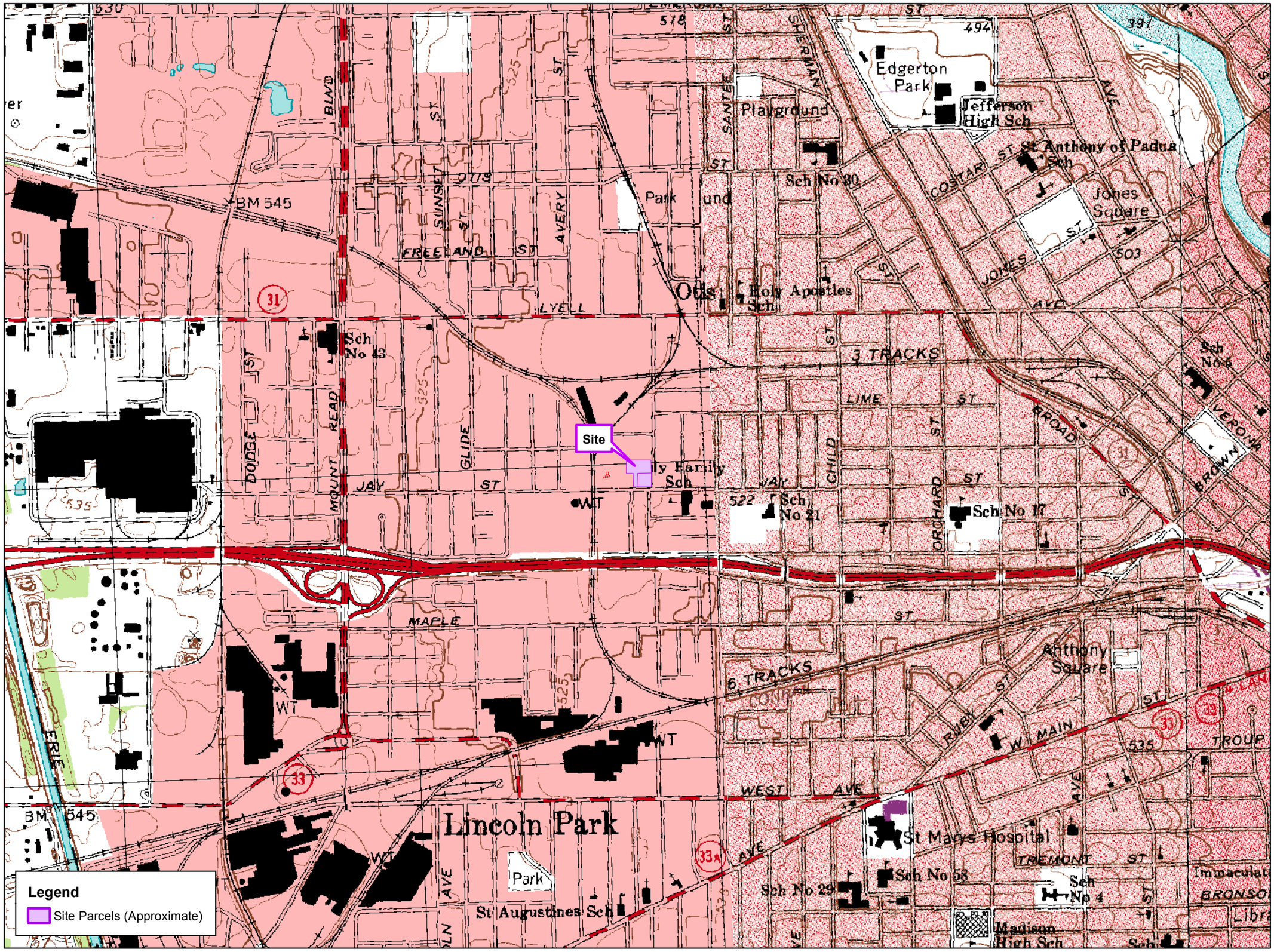
FIGURES



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Phase II Environmental Site Assessment

471 and 485 Hague Street Rochester, New York

Client:

Genesee Regional Bank

Title:

Site Location Map

Date:

11/7/2016

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1 inch = 1,000 feet

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FIGURE 1

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Phase II Environmental Site Assessment

471 and 485 Hague Street Rochester, New York

Client:

Genesee Regional Bank

Title:

Exploration Locations

Date:

11/7/2016

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1 inch = 40 feet

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FIGURE 2

TABLES

REFERENCE PAGE FOR SAMPLE RESULTS

Phase II Environmental Site Assessment
471 and 485 Hague Street, Rochester, New York

Qualifiers

< - The compound was not detected at the indicated concentration.

SVOCs - Semi-Volatile Organic Compounds

VOCs - Volatile Organic Compounds

NYSDEC - New York State Department of Environmental Conservation

PCBs - Polychlorinated Biphenyls

RCRA - Resource Conservation and Recovery Act

µg/kg - micrograms per kilogram

mg/kg - milligrams per kilogram

NYS - New York State

NA - Not Applicable

NR - Not Regulated

USEPA - denotes United States Environmental Protection Agency

CP-51 denotes NYSDEC Commissioner Policy CP-51 (October 2010)

Highlighted result denotes compound was detected above the laboratory MDL

TABLE 1

Phase II Environmental Site Assessment
471 and 485 Hague Street, Rochester, New York
Volatile Organic Compounds in Soil
USEPA Method 8260

Exploration ID	Units	NYSDEC Part 375 6.8(a) Unrestricted Use and CP-51 Soil Cleanup Objectives	NYSDEC Part 375 6.8(b) Restricted Use Soil Cleanup Objectives - Commercial Site	GP-02	GP-06	GP-08	GP-09
Sample Depth (feet)				11-11.5	10-11.1	6-7	10-11
Acetone	µg/kg	50	500000	<52.9	<55.4	<59	<54
Benzene	µg/kg	60	44000	2.25	1.61	1.45	<1.08
Bromochloromethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Bromodichloromethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Bromoform	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Bromomethane	µg/kg	NA	NA	<5.29	<5.54	<5.9	<5.4
Carbon Disulfide	µg/kg	NA	NA	<1.06	2.55	<1.18	1.45
Carbon Tetrachloride	µg/kg	760	22000	<1.06	<1.11	1.48	<1.08
Chlorobenzene	µg/kg	1100	500000	<1.06	<1.11	<1.18	<1.08
Chlorodibromoethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Chloroethane	µg/kg	NA	NA	<5.29	<5.54	<5.9	<5.4
Chloroform	µg/kg	370	350000	<5.29	<5.54	<5.9	<5.4
Chloromethane	µg/kg	NA	NA	<2.65	<2.77	<2.95	<2.7
Cyclohexane	µg/kg	NA	NA	<1.06	2.25	4.09	1.28
1,2-Dibromo-3-Chloropropane	µg/kg	NA	NA	<5.29	<5.54	<5.9	<5.4
1,2-Dibromoethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Dichlorodifluoromethane	µg/kg	NA	NA	<5.29	<5.54	<5.9	<5.4
1,1-Dichloroethane	µg/kg	270	240000	<1.06	<1.11	3.18	<1.08
1,2-Dichloroethane	µg/kg	20	30000	<1.06	<1.11	<1.18	<1.08
1,2-Dichlorobenzene	µg/kg	1100	500000	<1.06	<1.11	<1.18	<1.08
1,3-Dichlorobenzene	µg/kg	2400	280000	<1.06	<1.11	<1.18	<1.08
1,4-Dichlorobenzene	µg/kg	1800	130000	<1.06	<1.11	<1.18	<1.08
1,1-Dichloroethene	µg/kg	330	500000	<1.06	<1.11	<1.18	<1.08
cis-1,2-Dichloroethene	µg/kg	250	500000	<1.06	<1.11	<1.18	<1.08
trans-1,2-Dichloroethene	µg/kg	190	500000	<1.06	<1.11	<1.18	<1.08
1,2-Dichloropropane	µg/kg	NA	NA	<1.06	<1.11	2	<1.08
cis-1,3-Dichloropropene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
trans-1,3-Dichloropropene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Ethylbenzene	µg/kg	1000	390000	<1.06	<1.11	<1.18	<1.08
2-Hexanone	µg/kg	NA	NA	<10.6	<11.1	<11.8	<10.8
Isopropylbenzene	µg/kg	NA	NA	<10.6	<11.1	<11.8	<10.8
2-Butanone	µg/kg	120	500000	<10.6	<11.1	<11.8	<10.8
Methyl acetate	µg/kg	NA	NA	<21.2	<22.2	<23.6	<21.6
Methyl cyclohexane	µg/kg	NA	NA	5.08	5.42	6.43	2.79
Methylene Chloride	µg/kg	50	500000	<5.29	<5.54	<5.9	<5.4
4-Methyl-2-pentanone	µg/kg	NA	NA	<10.6	<11.1	<11.8	<10.8
Methyl ter-Butyl Ether	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Naphthalene	µg/kg	12000	500000	<5.29	<5.54	<5.9	<5.4
Styrene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
1,1,2,2-Tetrachloroethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Tetrachloroethene	µg/kg	1300	150000	<1.06	<1.11	<1.18	<1.08
Toluene	µg/kg	700	500000	<5.29	<5.54	<5.9	<5.4
1,2,3-Trichlorobenzene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
1,2,4-Trichlorobenzene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
1,1,1-Trichloroethane	µg/kg	680	500000	<1.06	<1.11	14.6	<1.08
1,1,2-Trichloroethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Trichloroethene	µg/kg	470	200000	<1.06	<1.11	<1.18	<1.08
Trichlorofluoromethane	µg/kg	NA	NA	<5.29	<5.54	<5.9	<5.4
1,1,2-Trichlorotrifluoroethane	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
Vinyl Chloride	µg/kg	20	13000	<1.06	<1.11	<1.18	<1.08
o-Xylene	µg/kg	260	500000	<1.06	<1.11	<1.18	<1.08
m,p-Xylene	µg/kg	260	500000	2.5	<2.22	<2.36	<2.16
n-Butylbenzene	µg/kg	12000	500000	<1.06	<1.11	<1.18	<1.08
sec-Butylbenzene	µg/kg	11000	500000	<1.06	<1.11	<1.18	<1.08
tert-Butylbenzene	µg/kg	5900	500000	<1.06	<1.11	<1.18	<1.08
p-Isopropyltoluene	µg/kg	NA	NA	<1.06	<1.11	<1.18	<1.08
n-Propylbenzene	µg/kg	3900	500000	1.25	<1.11	<1.18	<1.08
1,2,4-Trimethylbenzene	µg/kg	3600	190000	1.2	<1.11	<1.18	<1.08
1,3,5-Trimethylbenzene	µg/kg	8400	190000	<1.06	<1.11	<1.18	<1.08

TABLE 2
Phase II Environmental Site Assessment
471 and 485 Hague Street, Rochester, New York
Semi-Volatile Organic Compounds in Soil
USEPA Method 8270

Exploration ID	Units	NYSDEC Part 375 6.8(a) Unrestricted Use and CP-51 Soil Cleanup Objectives	NYSDEC Part 375 6.8(b) Restricted Use Soil Cleanup Objectives - Commercial Site	GP-02	GP-08	GP-09	GP-10
Sample Depth (feet)				11-11.5	6-7	10-11	4-5
Anthracene	µg/kg	100000	500000	<34.9	<39	<35.6	<40.7
Acenaphthylene	µg/kg	100000	500000	<34.9	<39	<35.6	<40.7
Acenaphthene	µg/kg	20000	500000	<34.9	<39	<35.6	<40.7
Benzo (a) anthracene	µg/kg	1000	5600	<34.9	<39	<35.6	<40.7
Benzo (a) pyrene	µg/kg	1000	1000	<34.9	<39	<35.6	<40.7
Benzo (b) fluoranthene	µg/kg	1000	5600	<34.9	<39	<35.6	<40.7
Benzo (g,h,i) perylene	µg/kg	100000	500000	<34.9	<39	<35.6	<40.7
Benzo (k) fluoranthene	µg/kg	800	56000	<34.9	<39	<35.6	<40.7
Chrysene	µg/kg	1000	56000	<34.9	<39	<35.6	<40.7
Dibenzo (a,h) anthracene	µg/kg	330	560	<34.9	<39	<35.6	<40.7
Fluoranthene	µg/kg	100000	500000	<34.9	<39	<35.6	68.4
Fluorene	µg/kg	30000	500000	<34.9	<39	<35.6	<40.7
Indeno (1,2,3-cd) pyrene	µg/kg	500	5600	<34.9	<39	<35.6	<40.7
Naphthalene	µg/kg	12000	500000	<34.9	<39	<35.6	<40.7
Phenanthrene	µg/kg	100000	500000	<34.9	<39	<35.6	<40.7
Pyrene	µg/kg	100000	500000	<34.9	<39	<35.6	55.4

TABLE 3
Phase II Environmental Site Assessment
471 and 485 Hague Street, Rochester, New York
RCRA Metals (total) in Soil
USEPA Methods 6010 and 7471

Exploration ID	Units	NYSDEC Part 375 6.8(a) Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 6.8(b) Restricted Use Soil Cleanup Objectives - Commercial Site	GP-08	GP-09
Sample Depth (feet)				6-7	10-11
Arsenic	mg/kg	13	16	<2.36	<2.16
Barium	mg/kg	350	400	61.9	222
Cadmium	mg/kg	2.5	9.3	<0.59	<0.54
Chromium	mg/kg	30	1500	13.2	4.65
Lead	mg/kg	63	1000	9.61	3.33
Selenium	mg/kg	3.9	1500	<1.36	<2.16
Silver	mg/kg	2	1500	<1.18	<1.08
Mercury	mg/kg	0.18	2.8	<0.0236	<0.0216

TABLE 4
Phase II Environmental Site Assessment
471 and 485 Hague Street, Rochester, New York
PCBs in Soil
USEPA Method 8082

Exploration ID	Units	NYSDEC Part 375 6.8(a) Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 6.8(b) Restricted Use SCO - Commercial Site	GP-08	GP-09
Sample Depth (feet)				6-7	10-11
Aroclor-1016	µg/kg	100	1000	<20.1	<18.4
Aroclor-1221	µg/kg			<20.1	<18.4
Aroclor-1232	µg/kg			<20.1	<18.4
Aroclor-1242	µg/kg			<20.1	<18.4
Aroclor-1248	µg/kg			<20.1	<18.4
Aroclor-1254	µg/kg			<20.1	<18.4
Aroclor-1260	µg/kg			<20.1	<18.4

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APPENDIX 1

Field Logs

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-01**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: UST 1 Location south parking lot
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 815 TO 830
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Asphalt, GRAVEL sub-base	0.0	
			1'	Black VF SAND, organics, topsoil, roots at contact	0.0	
2		0-4' / 34"			0.0	
			2.2'	Brown MF SAND, trace M A GRAVEL, dry to damp, no odor	0.0	
4					0.0	
		4-8' / 22"	4'	Brown MC SAND and M A GRAVEL, dry, no odor, tightly-packed	0.4	
6					0.0	
				Refsual 5.8' BGS		
8						
10						
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	5.8'	NA

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
M = Medium
F = Fine
VF = Very Fine
BGS = Below Ground Surface
NA = Not Applicable
A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-01**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-02**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Approximately 4' north of GP-01
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 830 TO 900
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Crushed asphalt, C GRAVEL, sub-base	0.0	
			1.5'	Black SAND, topsoil, trace root material	0.0	
2		0-4' / 32"	2'	Light brown VF SAND, dry	0.0	
					0.0	
4			4'			VC GRAVEL lens 4'
		4-8' / 40"		Brown F SAND, little SILT, trace VF A GRAVEL, dry to damp, no odor	0.0	
6					0.0	
					0.0	
8		8-11.5' / 29"			0.0	
					5.4	
10			10'		6.9	
	GP-02 11-11.5'			Red-grey VF SAND, some M A GRAVEL, tightly-packed, faint decayed petroleum odor, wet	10.4	
					16.3	
12				Refusal 11.5' BGS		
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	11.5'	10'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
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A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-02**

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TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-03**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Fuel dispenser location, south parking lot
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 945 TO 1000
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			1'	Crushed asphalt, crusher run sub-base	0.0	
2		0-4' / 23"		Brown MF SAND, trace VF A GRAVEL, dry, no odor	0.0 0.0 0.0	
4		4-7.2' / 28"	4'	Brown MF SAND, little SILT, trace VF A GRAVEL, damp, no odor	0.1 0.2 0.0	
6					0.7	
8				Refusal 7.2' BGS		
10						
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	7.2	NA

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
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R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-03**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-04**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: UST 2 Location south parking lot
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1000 TO 1045
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Crushed asphalt, C GRAVEL	0.0	
			1'			
2		0-4' / 28"		Dark to light brown F SAND, dry, no odor	0.0	
					0.0	
					0.0	
4			4'		0.0	
		4-8' / 42"		Brown VF SAND, little SILT, little MF A GRAVEL	0.0	
6					0.0	
			7'	Brown VF SAND, little SILT, little MF A GRAVEL, moist to wet	0.0	
			7.5'	VC GRAVEL lens		
8			8'		0.0	
		8-10' / 22"		Brown F SAND, little F A to SA GRAVEL, trace SILT, moist, no odor	0.0	
10						
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	10'	7'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
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some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
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R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-04**

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300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GPMW-05**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Interior 2-car garage, former auto repair pit location
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1045 TO 1130
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Concrete floor core		
	GP-05 0.5-1.5'	0-3.9' / 31"	0.5'	Black F SAND, trace SILT, saturated, no odor	0.0	Soils likely saturated from introduced water during floor cutting
2			1.5'	Brown VC SAND and MF to VF SR GRAVEL, saturated, no odor	0.0	
4				Refusal 3.9' BGS	0.0	
6						
8						
10						
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	3.9	1.5'

NOTES:
Installed well GPMW-05 to 3.9' BGS, inserted screen section into borehole

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
M = Medium
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VF = Very Fine
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NA = Not Applicable
A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GPMW-05**

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TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-06**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION:
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1200 TO 1230
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.5'	Concrete floor core	0.0	
2		0-4' / 34"		Dark to light brown MF SAND, moist, no odor	0.0 0.0 0.0	
4					0.0	
6		4-8' / 35"	5'	Brown to red-brown SILTY SAND, little MC A to SA GRAVEL, moist, no odor	0.0 0.0 0.0	
8					0.0	
10		8-11.1' / 35"	9.5'	Grey VC SAND and VF SA to R GRAVEL, tightly-packed, saturated, no odor	0.0 0.0	
12				Refusal 11.1' BGS		
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	11.1'	9.5'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
M = Medium
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A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-06**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GPMW-07**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Proximate West interior floor drain
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1230 TO 1330
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE DATA: SAMPLE NO. AND DEPTH	SAMPLE DATA: SAMPLE RUN/RECOVERY	SAMPLE DATA: STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			1.5'	Concrete floor core	0.0	
					0.0	
2		0-4' / 34"		Brown F to M SAND, dry, no odor, trace VF from A GRAVEL	0.0	
					0	
					1.2	
4					0.0	
		4-8' / 40"	5'		0.0	
6				Brown F to M SAND, little AR SILT dry, trace VF from A GRAVEL, no odor	0.0	
					0.0	
8					0.0	
		8-10.7' / 38"	9'		0.0	
10	GP-07 10' - 10.7'			Brown VC SAND and VF SR GRAVEL, wet to saturated, no odor	0.0	
					0.0	
12				Refusal 10.7' BGS		
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	10.7'	9'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%; some = 20 - 35%; little = 10 - 20%; trace = 1 - 10%
C = Coarse; M = Medium; F = Fine; VF = Very Fine
BGS = Below Ground Surface; NA = Not Applicable; A = Angular; R = Rounded; SA= Subangular; SR = Subrounded

BORING: **GPMW-07**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-08**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Proximate elevator & fuel oil storage
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1400 TO 1430
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE DATA: SAMPLE NO. AND DEPTH	SAMPLE DATA: SAMPLE RUN/RECOVERY	SAMPLE DATA: STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0.8'	Concrete floor core	0.0	
			2'	Dark brown SILTY SAND, no odor, dry	0.0	
2		0-4' / 34"		Light brown to golden brown SAND, damp, no odor, loosely packed	0.0	
					0.0	
					0.0	
4					0.0	
		4-7' / 32"	5.2'		0.0	
6	GP-08 6'-7'			Red-brown SILT, some CLAY, Tr SAND, cohesive, wet, no odor	0.0	
					0.0	
8				Refusal 7.0' BGS		
10						
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	7.0'	5.2'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%; some = 20 - 35%; little = 10 - 20%; trace = 1 - 10%
C = Coarse; M = Medium; F = Fine; VF = Very Fine
BGS = Below Ground Surface; NA = Not Applicable; A = Angular; R = Rounded; SA= Subangular; SR = Subrounded

BORING: **GP-08**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GPMW-09**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Parts wash station, machine floor
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1430 TO 1500
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	GP-09 1'-2'	0-4' / 31"	0.5'	Concrete floor core	0.0	
				Black APPARENT FILL, SILT, damp, no odor	0.0	
2			2'		0.0	
				Brown to Golden brown in SAND, loose, dry, no odor	0.0	
			4'		0.0	
4		4-8' / 50"		Brown to Golden brown in SAND, damp to moist, no odor	0.0	
					0.0	
6			6'		0.0	
					0.0	
					0.0	
8		8-11' / 27"		Red-brown SILTY SAND, trace M R GRAVEL, saturated, no odor	0.0	
					0.0	
					0.0	
10					0.0	
12				Refusal at 11.0' BGS		
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	11.0'	6'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
M = Medium
F = Fine
VF = Very Fine
BGS = Below Ground Surface
NA = Not Applicable
A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GPMW-09**

LABELLA Associates, D.P.C.

300 STATE STREET, ROCHESTER, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

TEST BORING LOG

Phase II Environmental Site Assessment
Geoprobe® Overburden Soil Sampling
471 & 485 Hague Street, Rochester, New York
Client: Genesee Regional Bank

BORING: **GP-10**
SHEET 1 OF 1
JOB: **2161792**
CHKD BY:

CONTRACTOR: LaBella Environmental, LLC
DRILLER: M. Winderl Jr.
LABELLA REPRESENTATIVE: S. Rife

BORING LOCATION: Proximate fuel oil UST (removed)
GROUND SURFACE ELEVATION: NA
START DATE: 10/25/16 END DATE: 10/25/16

TIME: 1500 TO 1520
DATUM: NA
WEATHER: 50° F, Cloudy

TYPE OF DRILL RIG: Geoprobe® 54 LT
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPING METHOD: Direct Push

DRIVE SAMPLER TYPE:
INSIDE DIAMETER: ~1.8"
OTHER:

DEPTH (FT)	SAMPLE NO. AND DEPTH	SAMPLE RUN/RECOVERY	STRATA CHANGE	VISUAL MATERIALS CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	GP-10 4'-5'	0-4' / 30"	1'	Asphalt, C GRAVEL	0.0	
				Grey-brown SILTY SAND, little F SA GRAVEL, dry, no odor	0.0	
2					0.0	
			3'		0.0	
				Brown to light brown FM SAND, dry, no odor	0.0	
4			4'		0.0	
		4-8' / 28"		Brown to light brown FM SAND, saturated, no odor	0.0	
					0.0	
6			6.5'		0.0	
					0.0	
8		8-10.5' / 33"		Red brown SILTY SAND, little M SA to A GRAVEL, wet, no odor, cohesive	0.0	
					0.0	
10					0.0	
				Refusal 10.5' BGS		
12						
14						
16						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELASPED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED
			NA	10.5'	4'

NOTES:

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 OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.
3) ABBREVIATIONS:
and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%
C = Coarse
M = Medium
F = Fine
VF = Very Fine
BGS = Below Ground Surface
NA = Not Applicable
A = Angular
R = Rounded
SA= Subangular
SR = Subrounded

BORING: **GP-10**

LABELLA Associates, P.C. | Engineering Architecture Environmental Planning

APPENDIX 2

Laboratory Report

ANALYTICAL REPORT

November 07, 2016

LaBella Associates, P.C.

Sample Delivery Group:	L869194
Samples Received:	10/28/2016
Project Number:	2161792
Description:	471 & 485 Hague Street PHII ESA

Report To: Mr. Steven Rife
300 State Street, Suite 201
Rochester, NY 14614

Entire Report Reviewed By:

T. Alan Harvill
Technical Service Representative

GP-02 L869194-01 Solid

Collected by: S. Rife | Collected date/time: 10/25/16 09:00 | Received date/time: 10/28/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG922774	1	11/02/16 00:07	11/02/16 16:50	KMP
Total Solids by Method 2540 G-2011	WG922571	1	11/03/16 13:06	11/03/16 13:19	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG923055	1	10/31/16 10:40	11/02/16 21:13	GLN

GP-06 L869194-02 Solid

Collected by: S. Rife | Collected date/time: 10/25/16 12:45 | Received date/time: 10/28/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG922572	1	11/01/16 09:20	11/01/16 09:30	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG923055	1	10/31/16 10:40	11/02/16 21:34	GLN

GP-08 L869194-03 Solid

Collected by: S. Rife | Collected date/time: 10/25/16 14:30 | Received date/time: 10/28/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7471A	WG922014	1	10/29/16 06:09	11/01/16 18:02	NJB
Metals (ICP) by Method 6010C	WG922544	1	11/01/16 16:49	11/02/16 03:32	LTB
Polychlorinated Biphenyls (GC) by Method 8082	WG922799	1	11/02/16 17:13	11/03/16 16:04	JNS
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG922774	1	11/02/16 00:07	11/02/16 17:12	KMP
Total Solids by Method 2540 G-2011	WG922572	1	11/01/16 09:20	11/01/16 09:30	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG923055	1	10/31/16 10:40	11/02/16 21:54	GLN

GP-09 L869194-04 Solid

Collected by: S. Rife | Collected date/time: 10/25/16 15:00 | Received date/time: 10/28/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Mercury by Method 7471A	WG922014	1	10/29/16 06:09	11/01/16 18:05	NJB
Metals (ICP) by Method 6010C	WG922544	1	11/01/16 16:49	11/02/16 03:35	LTB
Polychlorinated Biphenyls (GC) by Method 8082	WG922799	1	11/02/16 17:13	11/03/16 16:17	JNS
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG922774	1	11/02/16 00:07	11/02/16 17:33	KMP
Total Solids by Method 2540 G-2011	WG922572	1	11/01/16 09:20	11/01/16 09:30	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG923055	1	10/31/16 10:40	11/02/16 22:14	GLN

GP-10 L869194-05 Solid

Collected by: S. Rife | Collected date/time: 10/25/16 15:20 | Received date/time: 10/28/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D	WG922774	1	11/02/16 00:07	11/02/16 19:44	KMP
Total Solids by Method 2540 G-2011	WG922572	1	11/01/16 09:20	11/01/16 09:30	KDW

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.4		1	11/03/2016 13:19	WG922571

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		52.9	1	11/02/2016 21:13	WG923055
Benzene	2.25		1.06	1	11/02/2016 21:13	WG923055
Bromochloromethane	ND		1.06	1	11/02/2016 21:13	WG923055
Bromodichloromethane	ND		1.06	1	11/02/2016 21:13	WG923055
Bromoform	ND		1.06	1	11/02/2016 21:13	WG923055
Bromomethane	ND		5.29	1	11/02/2016 21:13	WG923055
Carbon disulfide	ND		1.06	1	11/02/2016 21:13	WG923055
Carbon tetrachloride	ND		1.06	1	11/02/2016 21:13	WG923055
Chlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
Chlorodibromomethane	ND		1.06	1	11/02/2016 21:13	WG923055
Chloroethane	ND		5.29	1	11/02/2016 21:13	WG923055
Chloroform	ND		5.29	1	11/02/2016 21:13	WG923055
Chloromethane	ND		2.65	1	11/02/2016 21:13	WG923055
Cyclohexane	ND		1.06	1	11/02/2016 21:13	WG923055
1,2-Dibromo-3-Chloropropane	ND		5.29	1	11/02/2016 21:13	WG923055
1,2-Dibromoethane	ND		1.06	1	11/02/2016 21:13	WG923055
Dichlorodifluoromethane	ND		5.29	1	11/02/2016 21:13	WG923055
1,1-Dichloroethane	ND		1.06	1	11/02/2016 21:13	WG923055
1,2-Dichloroethane	ND	J4	1.06	1	11/02/2016 21:13	WG923055
1,2-Dichlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,3-Dichlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,4-Dichlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,1-Dichloroethene	ND		1.06	1	11/02/2016 21:13	WG923055
cis-1,2-Dichloroethene	ND		1.06	1	11/02/2016 21:13	WG923055
trans-1,2-Dichloroethene	ND		1.06	1	11/02/2016 21:13	WG923055
1,2-Dichloropropane	ND		1.06	1	11/02/2016 21:13	WG923055
cis-1,3-Dichloropropene	ND		1.06	1	11/02/2016 21:13	WG923055
trans-1,3-Dichloropropene	ND		1.06	1	11/02/2016 21:13	WG923055
Ethylbenzene	ND		1.06	1	11/02/2016 21:13	WG923055
2-Hexanone	ND		10.6	1	11/02/2016 21:13	WG923055
Isopropylbenzene	ND		10.6	1	11/02/2016 21:13	WG923055
2-Butanone (MEK)	ND		10.6	1	11/02/2016 21:13	WG923055
Methyl Acetate	ND		21.2	1	11/02/2016 21:13	WG923055
Methyl Cyclohexane	5.08		1.06	1	11/02/2016 21:13	WG923055
Methylene Chloride	ND		5.29	1	11/02/2016 21:13	WG923055
4-Methyl-2-pentanone (MIBK)	ND		10.6	1	11/02/2016 21:13	WG923055
Methyl tert-butyl ether	ND		1.06	1	11/02/2016 21:13	WG923055
Naphthalene	ND		5.29	1	11/02/2016 21:13	WG923055
Styrene	ND		1.06	1	11/02/2016 21:13	WG923055
1,1,2,2-Tetrachloroethane	ND		1.06	1	11/02/2016 21:13	WG923055
Tetrachloroethene	ND		1.06	1	11/02/2016 21:13	WG923055
Toluene	ND		5.29	1	11/02/2016 21:13	WG923055
1,2,3-Trichlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,2,4-Trichlorobenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,1,1-Trichloroethane	ND		1.06	1	11/02/2016 21:13	WG923055
1,1,2-Trichloroethane	ND		1.06	1	11/02/2016 21:13	WG923055
Trichloroethene	ND		1.06	1	11/02/2016 21:13	WG923055
Trichlorofluoromethane	ND		5.29	1	11/02/2016 21:13	WG923055
1,1,2-Trichlorotrifluoroethane	ND		1.06	1	11/02/2016 21:13	WG923055
Vinyl chloride	ND		1.06	1	11/02/2016 21:13	WG923055

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
o-Xylene	ND		1.06	1	11/02/2016 21:13	WG923055
m&p-Xylenes	2.50		2.12	1	11/02/2016 21:13	WG923055
n-Butylbenzene	ND		1.06	1	11/02/2016 21:13	WG923055
sec-Butylbenzene	ND		1.06	1	11/02/2016 21:13	WG923055
tert-Butylbenzene	ND		1.06	1	11/02/2016 21:13	WG923055
1,2,4-Trimethylbenzene	1.20		1.06	1	11/02/2016 21:13	WG923055
1,3,5-Trimethylbenzene	ND		1.06	1	11/02/2016 21:13	WG923055
n-Propylbenzene	1.25		1.06	1	11/02/2016 21:13	WG923055
p-Isopropyltoluene	ND		1.06	1	11/02/2016 21:13	WG923055
(S) Toluene-d8	*100*		*88.7-115*		*11/02/2016 21:13*	WG923055
(S) Dibromofluoromethane	*119*		*76.3-123*		*11/02/2016 21:13*	WG923055
(S) a,a,a-Trifluorotoluene	*94.4*		*87.2-117*		*11/02/2016 21:13*	WG923055
(S) 4-Bromofluorobenzene	*91.0*		*69.7-129*		*11/02/2016 21:13*	WG923055

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		34.9	1	11/02/2016 16:50	WG922774
Acenaphthylene	ND		34.9	1	11/02/2016 16:50	WG922774
Acenaphthene	ND		34.9	1	11/02/2016 16:50	WG922774
Benzo(a)anthracene	ND		34.9	1	11/02/2016 16:50	WG922774
Benzo(a)pyrene	ND		34.9	1	11/02/2016 16:50	WG922774
Benzo(b)fluoranthene	ND		34.9	1	11/02/2016 16:50	WG922774
Benzo(g,h,i)perylene	ND		34.9	1	11/02/2016 16:50	WG922774
Benzo(k)fluoranthene	ND		34.9	1	11/02/2016 16:50	WG922774
Chrysene	ND		34.9	1	11/02/2016 16:50	WG922774
Dibenz(a,h)anthracene	ND		34.9	1	11/02/2016 16:50	WG922774
Fluoranthene	ND		34.9	1	11/02/2016 16:50	WG922774
Fluorene	ND		34.9	1	11/02/2016 16:50	WG922774
Indeno(1,2,3-cd)pyrene	ND		34.9	1	11/02/2016 16:50	WG922774
Naphthalene	ND		34.9	1	11/02/2016 16:50	WG922774
Phenanthrene	ND		34.9	1	11/02/2016 16:50	WG922774
Pyrene	ND		34.9	1	11/02/2016 16:50	WG922774
(S) Nitrobenzene-d5	*89.3*		*28.3-148*		*11/02/2016 16:50*	WG922774
(S) 2-Fluorobiphenyl	*73.6*		*41.4-134*		*11/02/2016 16:50*	WG922774
(S) p-Terphenyl-d14	*70.2*		*35.8-140*		*11/02/2016 16:50*	WG922774

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.2		1	11/01/2016 09:30	WG922572

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		55.4	1	11/02/2016 21:34	WG923055
Benzene	1.61		1.11	1	11/02/2016 21:34	WG923055
Bromochloromethane	ND		1.11	1	11/02/2016 21:34	WG923055
Bromodichloromethane	ND		1.11	1	11/02/2016 21:34	WG923055
Bromoform	ND		1.11	1	11/02/2016 21:34	WG923055
Bromomethane	ND		5.54	1	11/02/2016 21:34	WG923055
Carbon disulfide	2.55		1.11	1	11/02/2016 21:34	WG923055
Carbon tetrachloride	ND		1.11	1	11/02/2016 21:34	WG923055
Chlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
Chlorodibromomethane	ND		1.11	1	11/02/2016 21:34	WG923055
Chloroethane	ND		5.54	1	11/02/2016 21:34	WG923055
Chloroform	ND		5.54	1	11/02/2016 21:34	WG923055
Chloromethane	ND		2.77	1	11/02/2016 21:34	WG923055
Cyclohexane	2.25		1.11	1	11/02/2016 21:34	WG923055
1,2-Dibromo-3-Chloropropane	ND		5.54	1	11/02/2016 21:34	WG923055
1,2-Dibromoethane	ND		1.11	1	11/02/2016 21:34	WG923055
Dichlorodifluoromethane	ND		5.54	1	11/02/2016 21:34	WG923055
1,1-Dichloroethane	ND		1.11	1	11/02/2016 21:34	WG923055
1,2-Dichloroethane	ND	J4	1.11	1	11/02/2016 21:34	WG923055
1,2-Dichlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,3-Dichlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,4-Dichlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,1-Dichloroethene	ND		1.11	1	11/02/2016 21:34	WG923055
cis-1,2-Dichloroethene	ND		1.11	1	11/02/2016 21:34	WG923055
trans-1,2-Dichloroethene	ND		1.11	1	11/02/2016 21:34	WG923055
1,2-Dichloropropane	ND		1.11	1	11/02/2016 21:34	WG923055
cis-1,3-Dichloropropene	ND		1.11	1	11/02/2016 21:34	WG923055
trans-1,3-Dichloropropene	ND		1.11	1	11/02/2016 21:34	WG923055
Ethylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
2-Hexanone	ND		11.1	1	11/02/2016 21:34	WG923055
Isopropylbenzene	ND		11.1	1	11/02/2016 21:34	WG923055
2-Butanone (MEK)	ND		11.1	1	11/02/2016 21:34	WG923055
Methyl Acetate	ND		22.2	1	11/02/2016 21:34	WG923055
Methyl Cyclohexane	5.42		1.11	1	11/02/2016 21:34	WG923055
Methylene Chloride	ND		5.54	1	11/02/2016 21:34	WG923055
4-Methyl-2-pentanone (MIBK)	ND		11.1	1	11/02/2016 21:34	WG923055
Methyl tert-butyl ether	ND		1.11	1	11/02/2016 21:34	WG923055
Naphthalene	ND		5.54	1	11/02/2016 21:34	WG923055
Styrene	ND		1.11	1	11/02/2016 21:34	WG923055
1,1,2,2-Tetrachloroethane	ND		1.11	1	11/02/2016 21:34	WG923055
Tetrachloroethene	ND		1.11	1	11/02/2016 21:34	WG923055
Toluene	ND		5.54	1	11/02/2016 21:34	WG923055
1,2,3-Trichlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,2,4-Trichlorobenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,1,1-Trichloroethane	ND		1.11	1	11/02/2016 21:34	WG923055
1,1,2-Trichloroethane	ND		1.11	1	11/02/2016 21:34	WG923055
Trichloroethene	ND		1.11	1	11/02/2016 21:34	WG923055
Trichlorofluoromethane	ND		5.54	1	11/02/2016 21:34	WG923055
1,1,2-Trichlorotrifluoroethane	ND		1.11	1	11/02/2016 21:34	WG923055
Vinyl chloride	ND		1.11	1	11/02/2016 21:34	WG923055

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
o-Xylene	ND		1.11	1	11/02/2016 21:34	WG923055
m&p-Xylenes	ND		2.22	1	11/02/2016 21:34	WG923055
n-Butylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
sec-Butylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
tert-Butylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,2,4-Trimethylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
1,3,5-Trimethylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
n-Propylbenzene	ND		1.11	1	11/02/2016 21:34	WG923055
p-Isopropyltoluene	ND		1.11	1	11/02/2016 21:34	WG923055
(S) Toluene-d8	*99.7*		*88.7-115*		*11/02/2016 21:34*	WG923055
(S) Dibromofluoromethane	*130*	J1	*76.3-123*		*11/02/2016 21:34*	WG923055
(S) a,a,a-Trifluorotoluene	*104*		*87.2-117*		*11/02/2016 21:34*	WG923055
(S) 4-Bromofluorobenzene	*102*		*69.7-129*		*11/02/2016 21:34*	WG923055

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	11/01/2016 09:30	WG922572

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Mercury	ND		23.6	1	11/01/2016 18:02	WG922014

Metals (ICP) by Method 6010C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Arsenic	ND		2360	1	11/02/2016 03:32	WG922544
Barium	61900		590	1	11/02/2016 03:32	WG922544
Cadmium	ND		590	1	11/02/2016 03:32	WG922544
Chromium	13200		1180	1	11/02/2016 03:32	WG922544
Lead	9610		590	1	11/02/2016 03:32	WG922544
Selenium	ND		2360	1	11/02/2016 03:32	WG922544
Silver	ND		1180	1	11/02/2016 03:32	WG922544

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		59.0	1	11/02/2016 21:54	WG923055
Benzene	1.45		1.18	1	11/02/2016 21:54	WG923055
Bromochloromethane	ND		1.18	1	11/02/2016 21:54	WG923055
Bromodichloromethane	ND		1.18	1	11/02/2016 21:54	WG923055
Bromoform	ND		1.18	1	11/02/2016 21:54	WG923055
Bromomethane	ND		5.90	1	11/02/2016 21:54	WG923055
Carbon disulfide	ND		1.18	1	11/02/2016 21:54	WG923055
Carbon tetrachloride	1.48		1.18	1	11/02/2016 21:54	WG923055
Chlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
Chlorodibromomethane	ND		1.18	1	11/02/2016 21:54	WG923055
Chloroethane	ND		5.90	1	11/02/2016 21:54	WG923055
Chloroform	ND		5.90	1	11/02/2016 21:54	WG923055
Chloromethane	ND		2.95	1	11/02/2016 21:54	WG923055
Cyclohexane	4.09		1.18	1	11/02/2016 21:54	WG923055
1,2-Dibromo-3-Chloropropane	ND		5.90	1	11/02/2016 21:54	WG923055
1,2-Dibromoethane	ND		1.18	1	11/02/2016 21:54	WG923055
Dichlorodifluoromethane	ND		5.90	1	11/02/2016 21:54	WG923055
1,1-Dichloroethane	3.18		1.18	1	11/02/2016 21:54	WG923055
1,2-Dichloroethane	ND	J4	1.18	1	11/02/2016 21:54	WG923055
1,2-Dichlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,3-Dichlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,4-Dichlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,1-Dichloroethene	ND		1.18	1	11/02/2016 21:54	WG923055
cis-1,2-Dichloroethene	ND		1.18	1	11/02/2016 21:54	WG923055
trans-1,2-Dichloroethene	ND		1.18	1	11/02/2016 21:54	WG923055
1,2-Dichloropropane	2.00		1.18	1	11/02/2016 21:54	WG923055
cis-1,3-Dichloropropene	ND		1.18	1	11/02/2016 21:54	WG923055
trans-1,3-Dichloropropene	ND		1.18	1	11/02/2016 21:54	WG923055
Ethylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
2-Hexanone	ND		11.8	1	11/02/2016 21:54	WG923055
Isopropylbenzene	ND		11.8	1	11/02/2016 21:54	WG923055
2-Butanone (MEK)	ND		11.8	1	11/02/2016 21:54	WG923055
Methyl Acetate	ND		23.6	1	11/02/2016 21:54	WG923055

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Methyl Cyclohexane	6.43		1.18	1	11/02/2016 21:54	WG923055
Methylene Chloride	ND		5.90	1	11/02/2016 21:54	WG923055
4-Methyl-2-pentanone (MIBK)	ND		11.8	1	11/02/2016 21:54	WG923055
Methyl tert-butyl ether	ND		1.18	1	11/02/2016 21:54	WG923055
Naphthalene	ND		5.90	1	11/02/2016 21:54	WG923055
Styrene	ND		1.18	1	11/02/2016 21:54	WG923055
1,1,2,2-Tetrachloroethane	ND		1.18	1	11/02/2016 21:54	WG923055
Tetrachloroethene	ND		1.18	1	11/02/2016 21:54	WG923055
Toluene	ND		5.90	1	11/02/2016 21:54	WG923055
1,2,3-Trichlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,2,4-Trichlorobenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,1,1-Trichloroethane	14.6		1.18	1	11/02/2016 21:54	WG923055
1,1,2-Trichloroethane	ND		1.18	1	11/02/2016 21:54	WG923055
Trichloroethene	ND		1.18	1	11/02/2016 21:54	WG923055
Trichlorofluoromethane	ND		5.90	1	11/02/2016 21:54	WG923055
1,1,2-Trichlorotrifluoroethane	ND		1.18	1	11/02/2016 21:54	WG923055
Vinyl chloride	ND		1.18	1	11/02/2016 21:54	WG923055
o-Xylene	ND		1.18	1	11/02/2016 21:54	WG923055
m&p-Xylenes	ND		2.36	1	11/02/2016 21:54	WG923055
n-Butylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
sec-Butylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
tert-Butylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,2,4-Trimethylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
1,3,5-Trimethylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
n-Propylbenzene	ND		1.18	1	11/02/2016 21:54	WG923055
p-Isopropyltoluene	ND		1.18	1	11/02/2016 21:54	WG923055
(S) Toluene-d8	*99.7*		*88.7-115*		*11/02/2016 21:54*	WG923055
(S) Dibromofluoromethane	*124*	J1	*76.3-123*		*11/02/2016 21:54*	WG923055
(S) a,a,a-Trifluorotoluene	*96.7*		*87.2-117*		*11/02/2016 21:54*	WG923055
(S) 4-Bromofluorobenzene	*94.4*		*69.7-129*		*11/02/2016 21:54*	WG923055

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1221	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1232	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1242	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1248	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1254	ND		20.1	1	11/03/2016 16:04	WG922799
PCB 1260	ND		20.1	1	11/03/2016 16:04	WG922799
(S) Decachlorobiphenyl	*125*		*10.0-143*		*11/03/2016 16:04*	WG922799
(S) Tetrachloro-m-xylene	*125*		*29.2-144*		*11/03/2016 16:04*	WG922799

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		39.0	1	11/02/2016 17:12	WG922774
Acenaphthylene	ND		39.0	1	11/02/2016 17:12	WG922774
Acenaphthene	ND		39.0	1	11/02/2016 17:12	WG922774
Benzo(a)anthracene	ND		39.0	1	11/02/2016 17:12	WG922774
Benzo(a)pyrene	ND		39.0	1	11/02/2016 17:12	WG922774
Benzo(b)fluoranthene	ND		39.0	1	11/02/2016 17:12	WG922774
Benzo(g,h,i)perylene	ND		39.0	1	11/02/2016 17:12	WG922774
Benzo(k)fluoranthene	ND		39.0	1	11/02/2016 17:12	WG922774

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Chrysene	ND		39.0	1	11/02/2016 17:12	WG922774
Dibenz(a,h)anthracene	ND		39.0	1	11/02/2016 17:12	WG922774
Fluoranthene	ND		39.0	1	11/02/2016 17:12	WG922774
Fluorene	ND		39.0	1	11/02/2016 17:12	WG922774
Indeno(1,2,3-cd)pyrene	ND		39.0	1	11/02/2016 17:12	WG922774
Naphthalene	ND		39.0	1	11/02/2016 17:12	WG922774
Phenanthrene	ND		39.0	1	11/02/2016 17:12	WG922774
Pyrene	ND		39.0	1	11/02/2016 17:12	WG922774
(S) Nitrobenzene-d5	*92.6*		*28.3-148*		*11/02/2016 17:12*	WG922774
(S) 2-Fluorobiphenyl	*60.5*		*41.4-134*		*11/02/2016 17:12*	WG922774
(S) p-Terphenyl-d14	*53.9*		*35.8-140*		*11/02/2016 17:12*	WG922774

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.6		1	11/01/2016 09:30	WG922572

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Mercury	ND		21.6	1	11/01/2016 18:05	WG922014

Metals (ICP) by Method 6010C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Arsenic	ND		2160	1	11/02/2016 03:35	WG922544
Barium	22200		540	1	11/02/2016 03:35	WG922544
Cadmium	ND		540	1	11/02/2016 03:35	WG922544
Chromium	4650		1080	1	11/02/2016 03:35	WG922544
Lead	3330		540	1	11/02/2016 03:35	WG922544
Selenium	ND		2160	1	11/02/2016 03:35	WG922544
Silver	ND		1080	1	11/02/2016 03:35	WG922544

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		54.0	1	11/02/2016 22:14	WG923055
Benzene	ND		1.08	1	11/02/2016 22:14	WG923055
Bromochloromethane	ND		1.08	1	11/02/2016 22:14	WG923055
Bromodichloromethane	ND		1.08	1	11/02/2016 22:14	WG923055
Bromoform	ND		1.08	1	11/02/2016 22:14	WG923055
Bromomethane	ND		5.40	1	11/02/2016 22:14	WG923055
Carbon disulfide	1.45		1.08	1	11/02/2016 22:14	WG923055
Carbon tetrachloride	ND		1.08	1	11/02/2016 22:14	WG923055
Chlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
Chlorodibromomethane	ND		1.08	1	11/02/2016 22:14	WG923055
Chloroethane	ND		5.40	1	11/02/2016 22:14	WG923055
Chloroform	ND		5.40	1	11/02/2016 22:14	WG923055
Chloromethane	ND		2.70	1	11/02/2016 22:14	WG923055
Cyclohexane	1.28		1.08	1	11/02/2016 22:14	WG923055
1,2-Dibromo-3-Chloropropane	ND		5.40	1	11/02/2016 22:14	WG923055
1,2-Dibromoethane	ND		1.08	1	11/02/2016 22:14	WG923055
Dichlorodifluoromethane	ND		5.40	1	11/02/2016 22:14	WG923055
1,1-Dichloroethane	ND		1.08	1	11/02/2016 22:14	WG923055
1,2-Dichloroethane	ND	J4	1.08	1	11/02/2016 22:14	WG923055
1,2-Dichlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,3-Dichlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,4-Dichlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,1-Dichloroethene	ND		1.08	1	11/02/2016 22:14	WG923055
cis-1,2-Dichloroethene	ND		1.08	1	11/02/2016 22:14	WG923055
trans-1,2-Dichloroethene	ND		1.08	1	11/02/2016 22:14	WG923055
1,2-Dichloropropane	ND		1.08	1	11/02/2016 22:14	WG923055
cis-1,3-Dichloropropene	ND		1.08	1	11/02/2016 22:14	WG923055
trans-1,3-Dichloropropene	ND		1.08	1	11/02/2016 22:14	WG923055
Ethylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
2-Hexanone	ND		10.8	1	11/02/2016 22:14	WG923055
Isopropylbenzene	ND		10.8	1	11/02/2016 22:14	WG923055
2-Butanone (MEK)	ND		10.8	1	11/02/2016 22:14	WG923055
Methyl Acetate	ND		21.6	1	11/02/2016 22:14	WG923055

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Methyl Cyclohexane	2.79		1.08	1	11/02/2016 22:14	WG923055
Methylene Chloride	ND		5.40	1	11/02/2016 22:14	WG923055
4-Methyl-2-pentanone (MIBK)	ND		10.8	1	11/02/2016 22:14	WG923055
Methyl tert-butyl ether	ND		1.08	1	11/02/2016 22:14	WG923055
Naphthalene	ND		5.40	1	11/02/2016 22:14	WG923055
Styrene	ND		1.08	1	11/02/2016 22:14	WG923055
1,1,2,2-Tetrachloroethane	ND		1.08	1	11/02/2016 22:14	WG923055
Tetrachloroethene	ND		1.08	1	11/02/2016 22:14	WG923055
Toluene	ND		5.40	1	11/02/2016 22:14	WG923055
1,2,3-Trichlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,2,4-Trichlorobenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,1,1-Trichloroethane	ND		1.08	1	11/02/2016 22:14	WG923055
1,1,2-Trichloroethane	ND		1.08	1	11/02/2016 22:14	WG923055
Trichloroethene	ND		1.08	1	11/02/2016 22:14	WG923055
Trichlorofluoromethane	ND		5.40	1	11/02/2016 22:14	WG923055
1,1,2-Trichlorotrifluoroethane	ND		1.08	1	11/02/2016 22:14	WG923055
Vinyl chloride	ND		1.08	1	11/02/2016 22:14	WG923055
o-Xylene	ND		1.08	1	11/02/2016 22:14	WG923055
m&p-Xylenes	ND		2.16	1	11/02/2016 22:14	WG923055
n-Butylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
sec-Butylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
tert-Butylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,2,4-Trimethylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
1,3,5-Trimethylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
n-Propylbenzene	ND		1.08	1	11/02/2016 22:14	WG923055
p-Isopropyltoluene	ND		1.08	1	11/02/2016 22:14	WG923055
(S) Toluene-d8	*100*		*88.7-115*		*11/02/2016 22:14*	WG923055
(S) Dibromofluoromethane	*127*	J1	*76.3-123*		*11/02/2016 22:14*	WG923055
(S) a,a,a-Trifluorotoluene	*97.2*		*87.2-117*		*11/02/2016 22:14*	WG923055
(S) 4-Bromofluorobenzene	*93.7*		*69.7-129*		*11/02/2016 22:14*	WG923055

Polychlorinated Biphenyls (GC) by Method 8082

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1221	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1232	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1242	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1248	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1254	ND		18.4	1	11/03/2016 16:17	WG922799
PCB 1260	ND		18.4	1	11/03/2016 16:17	WG922799
(S) Decachlorobiphenyl	*129*		*10.0-143*		*11/03/2016 16:17*	WG922799
(S) Tetrachloro-m-xylene	*125*		*29.2-144*		*11/03/2016 16:17*	WG922799

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		35.6	1	11/02/2016 17:33	WG922774
Acenaphthylene	ND		35.6	1	11/02/2016 17:33	WG922774
Acenaphthene	ND		35.6	1	11/02/2016 17:33	WG922774
Benzo(a)anthracene	ND		35.6	1	11/02/2016 17:33	WG922774
Benzo(a)pyrene	ND		35.6	1	11/02/2016 17:33	WG922774
Benzo(b)fluoranthene	ND		35.6	1	11/02/2016 17:33	WG922774
Benzo(g,h,i)perylene	ND		35.6	1	11/02/2016 17:33	WG922774
Benzo(k)fluoranthene	ND		35.6	1	11/02/2016 17:33	WG922774

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry) ug/kg	Qualifier	RDL (dry) ug/kg	Dilution	Analysis date / time	Batch
Chrysene	ND		35.6	1	11/02/2016 17:33	WG922774
Dibenz(a,h)anthracene	ND		35.6	1	11/02/2016 17:33	WG922774
Fluoranthene	ND		35.6	1	11/02/2016 17:33	WG922774
Fluorene	ND		35.6	1	11/02/2016 17:33	WG922774
Indeno(1,2,3-cd)pyrene	ND		35.6	1	11/02/2016 17:33	WG922774
Naphthalene	ND		35.6	1	11/02/2016 17:33	WG922774
Phenanthrene	ND		35.6	1	11/02/2016 17:33	WG922774
Pyrene	ND		35.6	1	11/02/2016 17:33	WG922774
(S) Nitrobenzene-d5	*83.0*		*28.3-148*		*11/02/2016 17:33*	WG922774
(S) 2-Fluorobiphenyl	*71.3*		*41.4-134*		*11/02/2016 17:33*	WG922774
(S) p-Terphenyl-d14	*60.0*		*35.8-140*		*11/02/2016 17:33*	WG922774

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	11/01/2016 09:30	WG922572

Semi Volatile Organic Compounds (GC/MS) by Method 8270D

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Anthracene	ND		40.7	1	11/02/2016 19:44	WG922774
Acenaphthylene	ND		40.7	1	11/02/2016 19:44	WG922774
Acenaphthene	ND		40.7	1	11/02/2016 19:44	WG922774
Benzo(a)anthracene	ND		40.7	1	11/02/2016 19:44	WG922774
Benzo(a)pyrene	ND		40.7	1	11/02/2016 19:44	WG922774
Benzo(b)fluoranthene	ND		40.7	1	11/02/2016 19:44	WG922774
Benzo(g,h,i)perylene	ND		40.7	1	11/02/2016 19:44	WG922774
Benzo(k)fluoranthene	ND		40.7	1	11/02/2016 19:44	WG922774
Chrysene	ND		40.7	1	11/02/2016 19:44	WG922774
Dibenz(a,h)anthracene	ND		40.7	1	11/02/2016 19:44	WG922774
Fluoranthene	68.4		40.7	1	11/02/2016 19:44	WG922774
Fluorene	ND		40.7	1	11/02/2016 19:44	WG922774
Indeno(1,2,3-cd)pyrene	ND		40.7	1	11/02/2016 19:44	WG922774
Naphthalene	ND		40.7	1	11/02/2016 19:44	WG922774
Phenanthrene	ND		40.7	1	11/02/2016 19:44	WG922774
Pyrene	55.4		40.7	1	11/02/2016 19:44	WG922774
(S) Nitrobenzene-d5	*88.1*		*28.3-148*		*11/02/2016 19:44*	WG922774
(S) 2-Fluorobiphenyl	*82.1*		*41.4-134*		*11/02/2016 19:44*	WG922774
(S) p-Terphenyl-d14	*70.9*		*35.8-140*		*11/02/2016 19:44*	WG922774

Method Blank (MB)

(MB) R3175822-1 11/03/16 13:19

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00120			

L869188-05 Original Sample (OS) • Duplicate (DUP)

(OS) L869188-05 11/03/16 13:19 • (DUP) R3175822-3 11/03/16 13:19

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	80.1	80.8	1	0.875		5

Laboratory Control Sample (LCS)

(LCS) R3175822-2 11/03/16 13:19

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3175167-1 11/01/16 09:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000100			

L869204-01 Original Sample (OS) • Duplicate (DUP)

(OS) L869204-01 11/01/16 09:30 • (DUP) R3175167-3 11/01/16 09:30

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	79.9	76.7	1	4.00		5

Laboratory Control Sample (LCS)

(LCS) R3175167-2 11/01/16 09:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.1	100	85.0-115	

Method Blank (MB)

(MB) R3175091-1 11/01/16 16:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Mercury	U		2.80	20.0

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3175091-2 11/01/16 17:00 • (LCSD) R3175091-3 11/01/16 17:03

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
Mercury	300	284	294	95	98	80-120			3	20

L869163-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869163-01 11/01/16 17:05 • (MS) R3175091-4 11/01/16 17:08 • (MSD) R3175091-5 11/01/16 17:10

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	ug/kg	%	%		%			%	%
Mercury	300	U	281	296	94	99	1	75-125			5	20

Method Blank (MB)

(MB) R3175124-1 11/02/16 02:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
Arsenic	U		650	2000
Barium	U		170	500
Cadmium	U		70.0	500
Chromium	U		140	1000
Lead	U		190	500
Selenium	U		740	2000
Silver	U		280	1000

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3175124-2 11/02/16 02:57 • (LCSD) R3175124-3 11/02/16 03:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
Arsenic	100000	102000	103000	102	103	80-120			2	20
Barium	100000	105000	106000	105	106	80-120			1	20
Cadmium	100000	102000	103000	102	103	80-120			1	20
Chromium	100000	101000	102000	101	102	80-120			1	20
Lead	100000	102000	103000	102	103	80-120			1	20
Selenium	100000	101000	103000	101	103	80-120			1	20
Silver	100000	101000	102000	101	102	80-120			1	20

L869107-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869107-05 11/02/16 03:02 • (MS) R3175124-6 11/02/16 03:10 • (MSD) R3175124-7 11/02/16 03:13

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	mg/kg	%	%		%			%	%
Arsenic	117000	8200	115000	118000	91	94	1	75-125			3	20
Barium	117000	92300	238000	242000	125	128	1	75-125		J5	2	20
Cadmium	117000	ND	113000	117000	97	100	1	75-125			3	20
Chromium	117000	20400	130000	135000	94	98	1	75-125			4	20
Lead	117000	13000	130000	134000	100	104	1	75-125			3	20
Selenium	117000	ND	111000	114000	94	97	1	75-125			3	20
Silver	117000	ND	113000	116000	97	100	1	75-125			3	20

Method Blank (MB)

(MB) R3176304-3 11/02/16 18:43

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Acetone	U		10.0	50.0
Benzene	U		0.270	1.00
Bromodichloromethane	U		0.254	1.00
Bromochloromethane	U		0.390	1.00
Bromoform	U		0.424	1.00
Bromomethane	U		1.34	5.00
n-Butylbenzene	U		0.258	1.00
sec-Butylbenzene	U		0.201	1.00
tert-Butylbenzene	U		0.206	1.00
Carbon disulfide	U		0.221	1.00
Carbon tetrachloride	U		0.328	1.00
Chlorobenzene	U		0.212	1.00
Chlorodibromomethane	U		0.373	1.00
Chloroethane	U		0.946	5.00
Chloroform	U		0.229	5.00
Chloromethane	U		0.375	2.50
Cyclohexane	U		0.350	1.00
1,2-Dibromo-3-Chloropropane	U		1.05	5.00
1,2-Dibromoethane	U		0.343	1.00
1,2-Dichlorobenzene	U		0.305	1.00
1,3-Dichlorobenzene	U		0.239	1.00
1,4-Dichlorobenzene	U		0.226	1.00
Dichlorodifluoromethane	U		0.713	5.00
1,1-Dichloroethane	U		0.199	1.00
1,2-Dichloroethane	U		0.265	1.00
1,1-Dichloroethene	U		0.303	1.00
cis-1,2-Dichloroethene	U		0.235	1.00
trans-1,2-Dichloroethene	U		0.264	1.00
1,2-Dichloropropane	U		0.358	1.00
cis-1,3-Dichloropropene	U		0.262	1.00
trans-1,3-Dichloropropene	U		0.267	1.00
Ethylbenzene	U		0.297	1.00
2-Hexanone	U		1.37	10.0
Isopropylbenzene	U		0.243	10.0
p-Isopropyltoluene	U		0.204	1.00
2-Butanone (MEK)	U		4.68	10.0
Methyl Acetate	U		6.10	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		1.88	10.0

Method Blank (MB)

(MB) R3176304-3 11/02/16 18:43

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Methyl tert-butyl ether	U		0.212	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.206	1.00
Styrene	U		0.234	1.00
1,1,2,2-Tetrachloroethane	U		0.365	1.00
Tetrachloroethene	U		0.276	1.00
Toluene	U		0.434	5.00
1,1,2-Trichlorotrifluoroethane	U		0.365	1.00
1,2,3-Trichlorobenzene	U		0.306	1.00
1,2,4-Trichlorobenzene	U		0.388	1.00
1,1,1-Trichloroethane	U		0.286	1.00
1,1,2-Trichloroethane	U		0.277	1.00
Trichloroethene	U		0.279	1.00
Trichlorofluoromethane	U		0.382	5.00
1,2,4-Trimethylbenzene	U		0.211	1.00
1,3,5-Trimethylbenzene	U		0.266	1.00
Vinyl chloride	U		0.291	1.00
o-Xylene	U		0.366	1.00
m&p-Xylenes	U		0.332	2.00
(S) Toluene-d8	*99.6*			*88.7-115*
(S) Dibromofluoromethane	*112*			*76.3-123*
(S) a,a,a-Trifluorotoluene	*97.9*			*87.2-117*
(S) 4-Bromofluorobenzene	*94.9*			*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3176304-1 11/02/16 17:23 • (LCSD) R3176304-2 11/02/16 17:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	107	105	85.6	83.6	25.3-178			2.39	22.9
Benzene	25.0	27.1	27.4	109	110	72.6-120			1.08	20
Bromodichloromethane	25.0	27.4	27.9	109	112	75.3-119			1.93	20
Bromochloromethane	25.0	25.8	26.4	103	106	79.7-123			2.43	20
Bromoform	25.0	25.7	26.4	103	106	69.1-135			2.85	20
Bromomethane	25.0	26.5	28.3	106	113	23.0-191			6.66	20
n-Butylbenzene	25.0	27.2	27.0	109	108	74.2-134			0.950	20
sec-Butylbenzene	25.0	22.0	22.5	88.0	90.2	77.8-129			2.43	20
tert-Butylbenzene	25.0	21.2	21.8	84.8	87.0	77.2-129			2.57	20
Carbon disulfide	25.0	25.7	26.1	103	104	49.9-136			1.28	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3176304-1 11/02/16 17:23 • (LCSD) R3176304-2 11/02/16 17:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	25.0	23.2	23.9	92.8	95.8	69.4-129			3.18	20
Chlorobenzene	25.0	21.8	21.9	87.4	87.6	78.9-122			0.200	20
Chlorodibromomethane	25.0	23.8	23.7	95.4	94.7	76.4-126			0.670	20
Chloroethane	25.0	24.9	26.6	99.5	106	47.2-147			6.54	20
Chloroform	25.0	27.2	28.0	109	112	73.3-122			2.95	20
Chloromethane	25.0	27.0	27.9	108	111	53.1-135			3.04	20
1,2-Dibromo-3-Chloropropane	25.0	29.5	29.3	118	117	64.9-131			0.730	20
1,2-Dibromoethane	25.0	25.2	24.5	101	98.0	67.2-121			2.96	20
1,2-Dichlorobenzene	25.0	25.3	25.3	101	101	83.6-119			0.0700	20
1,3-Dichlorobenzene	25.0	20.6	21.1	82.5	84.2	75.9-129			2.11	20
1,4-Dichlorobenzene	25.0	24.7	25.0	98.8	99.9	81.0-115			1.13	20
Dichlorodifluoromethane	25.0	30.1	31.2	121	125	50.9-139			3.33	20
1,1-Dichloroethane	25.0	28.6	29.1	114	117	71.7-125			2.02	20
1,2-Dichloroethane	25.0	32.3	32.4	129	130	67.2-121	J4	J4	0.340	20
1,1-Dichloroethene	25.0	24.6	24.6	98.5	98.3	60.6-133			0.290	20
cis-1,2-Dichloroethene	25.0	27.0	28.0	108	112	76.1-121			3.65	20
trans-1,2-Dichloroethene	25.0	25.6	26.3	102	105	70.7-124			2.84	20
1,2-Dichloropropane	25.0	28.3	28.3	113	113	76.9-123			0.0700	20
cis-1,3-Dichloropropene	25.0	30.0	29.4	120	118	77.3-123			1.83	20
trans-1,3-Dichloropropene	25.0	29.5	29.5	118	118	73.0-127			0.0300	20
Ethylbenzene	25.0	21.8	22.3	87.4	89.3	78.6-124			2.17	20
2-Hexanone	125	152	151	121	121	62.7-150			0.210	20
Isopropylbenzene	25.0	21.5	22.1	86.2	88.2	79.4-126			2.36	20
p-Isopropyltoluene	25.0	22.0	22.2	87.9	88.7	75.4-132			0.880	20
2-Butanone (MEK)	125	179	181	143	145	44.5-154			1.02	21.3
Methylene Chloride	25.0	24.3	23.0	97.3	92.1	68.2-119			5.54	20
4-Methyl-2-pentanone (MIBK)	125	170	171	136	137	61.1-138			0.810	20
Methyl tert-butyl ether	25.0	27.5	28.5	110	114	70.2-122			3.44	20
Naphthalene	25.0	26.8	27.3	107	109	69.9-132			1.97	20
n-Propylbenzene	25.0	22.7	23.0	90.8	91.9	80.2-124			1.19	20
Styrene	25.0	23.1	23.2	92.4	92.8	79.4-124			0.520	20
1,1,2,2-Tetrachloroethane	25.0	26.2	26.6	105	107	78.8-124			1.83	20
Tetrachloroethene	25.0	21.5	21.4	86.0	85.7	71.1-133			0.310	20
Toluene	25.0	25.3	25.7	101	103	76.7-116			1.65	20
1,1,2-Trichlorotrifluoroethane	25.0	24.7	24.5	98.6	97.9	62.6-138			0.720	20
1,2,3-Trichlorobenzene	25.0	26.8	27.3	107	109	72.5-137			1.75	20
1,2,4-Trichlorobenzene	25.0	26.2	26.3	105	105	74.0-137			0.0400	20
1,1,1-Trichloroethane	25.0	26.1	26.9	104	107	69.9-127			2.82	20
1,1,2-Trichloroethane	25.0	25.4	24.6	102	98.2	81.9-119			3.43	20
Trichloroethene	25.0	24.2	24.8	96.8	99.2	77.2-122			2.48	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3176304-1 11/02/16 17:23 • (LCSD) R3176304-2 11/02/16 17:43

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Trichlorofluoromethane	25.0	24.8	26.5	99.3	106	51.5-151			6.54	20
1,2,4-Trimethylbenzene	25.0	21.9	22.6	87.7	90.3	77.1-124			2.91	20
1,3,5-Trimethylbenzene	25.0	22.2	22.5	88.6	90.1	79.0-125			1.72	20
Vinyl chloride	25.0	29.3	32.3	117	129	58.4-134			9.77	20
o-Xylene	25.0	21.4	21.7	85.7	86.8	78.5-124			1.24	20
m&p-Xylenes	50.0	44.3	44.8	88.7	89.6	77.3-124			1.05	20
(S) Toluene-d8				*101*	*101*	*88.7-115*				
(S) Dibromofluoromethane				*107*	*109*	*76.3-123*				
(S) a,a,a-Trifluorotoluene				*94.9*	*96.3*	*87.2-117*				
(S) 4-Bromofluorobenzene				*87.9*	*89.1*	*69.7-129*				

L869194-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869194-01 11/02/16 21:13 • (MS) R3176304-4 11/02/16 20:13 • (MSD) R3176304-5 11/02/16 20:33

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	132	ND	92.0	72.0	69.5	54.4	1	5.00-182			24.4	31.5
Benzene	26.5	2.25	23.9	22.7	82.0	77.4	1	47.8-131			5.17	22.8
Bromodichloromethane	26.5	ND	25.6	24.7	96.9	93.4	1	50.6-128			3.66	22.8
Bromochloromethane	26.5	ND	23.6	22.2	89.1	83.8	1	62.9-126			6.20	20
Bromoform	26.5	ND	24.1	23.2	91.1	87.6	1	43.3-139			3.85	25.9
Bromomethane	26.5	ND	20.5	18.3	77.3	69.1	1	5.00-189			11.1	26.7
n-Butylbenzene	26.5	ND	22.1	21.0	83.6	79.4	1	23.6-146			5.09	39.2
sec-Butylbenzene	26.5	ND	20.0	18.4	75.4	69.4	1	31.0-142			8.24	34.7
tert-Butylbenzene	26.5	ND	19.9	18.3	75.2	69.3	1	36.9-142			8.22	31.7
Carbon disulfide	26.5	ND	17.7	16.1	63.2	57.3	1	21.2-135			9.24	23.8
Carbon tetrachloride	26.5	ND	21.1	19.5	79.7	73.8	1	46.0-140			7.63	27.2
Chlorobenzene	26.5	ND	20.2	19.4	76.5	73.3	1	44.1-134			4.16	25.7
Chlorodibromomethane	26.5	ND	22.1	22.0	83.5	83.0	1	49.7-134			0.590	24
Chloroethane	26.5	ND	20.8	18.9	78.7	71.3	1	5.00-164			9.87	28.4
Chloroform	26.5	ND	25.7	24.0	97.0	90.5	1	51.2-133			6.99	22.8
Chloromethane	26.5	ND	21.8	19.1	82.5	72.1	1	31.4-141			13.6	24.6
1,2-Dibromo-3-Chloropropane	26.5	ND	25.3	24.8	95.6	93.7	1	40.4-138			2.00	30.8
1,2-Dibromoethane	26.5	ND	22.1	21.5	83.6	81.4	1	50.2-133			2.69	23.6
1,2-Dichlorobenzene	26.5	ND	22.4	21.8	84.6	82.2	1	34.6-139			2.82	29.9
1,3-Dichlorobenzene	26.5	ND	19.3	17.6	72.8	66.5	1	28.4-142			9.05	31.2
1,4-Dichlorobenzene	26.5	ND	21.7	21.4	82.0	80.7	1	35.0-133			1.67	31.1
Dichlorodifluoromethane	26.5	ND	24.8	22.4	93.7	84.7	1	31.2-144			10.0	30.2
1,1-Dichloroethane	26.5	ND	26.5	24.9	100	94.0	1	49.1-136			6.28	22.9

L869194-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869194-01 11/02/16 21:13 • (MS) R3176304-4 11/02/16 20:13 • (MSD) R3176304-5 11/02/16 20:33

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2-Dichloroethane	26.5	ND	29.7	27.6	112	104	1	47.1-129			7.47	22.7
1,1-Dichloroethene	26.5	ND	21.1	19.2	79.7	72.7	1	36.1-142			9.16	25.6
cis-1,2-Dichloroethene	26.5	ND	25.1	23.1	94.9	87.4	1	50.6-133			8.22	23
trans-1,2-Dichloroethene	26.5	ND	22.0	18.4	83.0	69.4	1	43.8-135			17.8	24.8
1,2-Dichloropropane	26.5	ND	26.1	25.1	98.7	94.9	1	50.3-134			3.92	22.7
cis-1,3-Dichloropropene	26.5	ND	26.4	25.9	99.8	97.8	1	48.4-134			2.00	23.6
trans-1,3-Dichloropropene	26.5	ND	25.8	26.1	97.4	98.5	1	46.6-135			1.19	25.3
Ethylbenzene	26.5	ND	19.9	19.4	72.4	70.5	1	44.8-135			2.56	26.9
2-Hexanone	132	ND	137	142	104	107	1	44.3-157			3.33	23.7
Isopropylbenzene	26.5	ND	20.2	18.9	76.3	71.5	1	41.9-139			6.43	29.3
p-Isopropyltoluene	26.5	ND	19.9	18.1	75.2	68.5	1	27.3-146			9.34	35.1
2-Butanone (MEK)	132	ND	152	156	111	114	1	23.9-170			2.44	28.3
Methylene Chloride	26.5	ND	22.5	18.6	85.0	70.3	1	46.7-125			18.9	22.2
4-Methyl-2-pentanone (MIBK)	132	ND	149	149	112	113	1	42.4-146			0.270	26.7
Methyl tert-butyl ether	26.5	ND	26.3	23.8	99.2	89.9	1	50.4-131			9.86	24.8
Naphthalene	26.5	ND	22.6	22.0	85.5	83.0	1	18.4-145			2.98	34
n-Propylbenzene	26.5	1.25	20.8	19.6	74.0	69.2	1	35.2-139			6.31	31.9
Styrene	26.5	ND	21.5	20.6	81.1	78.0	1	39.7-137			3.84	28.2
1,1,2,2-Tetrachloroethane	26.5	ND	24.4	24.0	92.4	90.7	1	45.7-140			1.77	26.4
Tetrachloroethene	26.5	ND	18.3	17.9	69.1	67.7	1	37.7-140			2.18	29.2
Toluene	26.5	ND	22.3	21.4	71.1	67.8	1	47.8-127			3.99	24.3
1,1,2-Trichlorotrifluoroethane	26.5	ND	22.1	20.2	83.6	76.3	1	35.7-146			9.19	28.8
1,2,3-Trichlorobenzene	26.5	ND	20.2	19.1	76.2	72.0	1	10.0-150			5.73	38.5
1,2,4-Trichlorobenzene	26.5	ND	20.0	18.8	75.7	70.9	1	10.0-153			6.56	39.3
1,1,1-Trichloroethane	26.5	ND	24.3	22.8	92.0	86.0	1	49.0-138			6.70	25.3
1,1,2-Trichloroethane	26.5	ND	22.4	22.4	84.7	84.6	1	52.3-132			0.150	23.4
Trichloroethene	26.5	ND	21.5	20.5	81.2	77.6	1	48.0-132			4.51	24.8
Trichlorofluoromethane	26.5	ND	21.9	19.9	82.7	75.2	1	12.8-169			9.45	29.7
1,2,4-Trimethylbenzene	26.5	1.20	20.6	19.1	73.2	67.6	1	32.9-139			7.49	30.6
1,3,5-Trimethylbenzene	26.5	ND	20.6	19.0	76.1	70.0	1	37.1-138			8.22	30.6
Vinyl chloride	26.5	ND	25.1	21.1	94.8	79.7	1	32.0-146			17.2	26.3
o-Xylene	26.5	ND	20.1	19.0	73.3	69.2	1	43.2-136			5.60	26.2
m&p-Xylenes	52.9	2.50	40.5	38.4	71.8	67.8	1	42.2-134			5.36	27.1
(S) Toluene-d8					*101*	*101*		*88.7-115*				
(S) Dibromofluoromethane					*109*	*108*		*76.3-123*				
(S) a,a,a-Trifluorotoluene					*94.6*	*93.7*		*87.2-117*				
(S) 4-Bromofluorobenzene					*91.8*	*92.7*		*69.7-129*				

Method Blank (MB)

(MB) R3175608-1 11/03/16 09:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/kg		ug/kg	ug/kg
PCB 1016	U		3.50	17.0
PCB 1221	U		5.37	17.0
PCB 1232	U		4.17	17.0
PCB 1242	U		3.18	17.0
PCB 1248	U		3.15	17.0
PCB 1254	U		4.72	17.0
PCB 1260	U		4.94	17.0
(S) Decachlorobiphenyl	*76.0*			*10.0-143*
(S) Tetrachloro-m-xylene	*75.5*			*29.2-144*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3175608-2 11/03/16 09:14 • (LCSD) R3175608-3 11/03/16 09:27

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	%	%	%			%	%
PCB 1260	167	138	139	83.0	83.7	46.5-120			0.790	27
PCB 1016	167	136	136	81.8	81.5	46.3-117			0.350	27.5
(S) Decachlorobiphenyl				*93.3*	*74.1*	*10.0-143*				
(S) Tetrachloro-m-xylene				*92.9*	*73.3*	*29.2-144*				

L869566-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869566-03 11/03/16 10:04 • (MS) R3175608-4 11/03/16 10:16 • (MSD) R3175608-5 11/03/16 10:29

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/kg	ug/kg	ug/kg	mg/kg	%	%		%			%	%
PCB 1260	192	U	212	209	110	109	1	24.6-127			1.33	20
PCB 1016	192	U	211	209	110	109	1	23.9-147			0.930	25.8
(S) Decachlorobiphenyl					*107*	*103*		*10.0-143*				
(S) Tetrachloro-m-xylene					*105*	*103*		*29.2-144*				

Method Blank (MB)

(MB) R3175473-3 11/02/16 14:17

Analyte	MB Result ug/kg	MB Qualifier	MB MDL ug/kg	MB RDL ug/kg
Anthracene	U		7.28	33.0
Acenaphthene	U		7.37	33.0
Acenaphthylene	U		7.51	33.0
Benzo(a)anthracene	U		4.28	33.0
Benzo(a)pyrene	U		5.02	33.0
Benzo(b)fluoranthene	U		6.95	33.0
Benzo(g,h,i)perylene	U		7.21	33.0
Benzo(k)fluoranthene	U		5.06	33.0
Chrysene	U		7.85	33.0
Dibenz(a,h)anthracene	U		5.91	33.0
Fluoranthene	U		7.08	33.0
Fluorene	U		7.19	33.0
Indeno(1,2,3-cd)pyrene	U		5.61	33.0
Naphthalene	U		5.13	33.0
Phenanthrene	U		7.10	33.0
Pyrene	U		7.76	33.0
(S) Nitrobenzene-d5	*93.9*			*28.3-148*
(S) 2-Fluorobiphenyl	*98.5*			*41.4-134*
(S) p-Terphenyl-d14	*97.3*			*35.8-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3175473-1 11/02/16 13:34 • (LCSD) R3175473-2 11/02/16 13:55

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	400	376	389	94.1	97.1	50.7-125			3.20	20
Acenaphthylene	400	372	396	93.1	99.1	51.3-126			6.24	20
Anthracene	400	343	364	85.8	91.1	50.5-130			6.00	20
Benzo(a)anthracene	400	369	382	92.1	95.6	54.1-127			3.70	20
Benzo(b)fluoranthene	400	375	387	93.7	96.8	56.1-125			3.20	20
Benzo(k)fluoranthene	400	361	372	90.2	93.0	50.9-129			3.01	20
Benzo(g,h,i)perylene	400	401	393	100	98.3	53.3-132			2.02	20
Benzo(a)pyrene	400	353	359	88.2	89.7	54.8-127			1.67	20
Chrysene	400	368	386	92.1	96.6	55.3-126			4.76	20
Dibenz(a,h)anthracene	400	374	373	93.6	93.3	52.3-133			0.290	20
Fluoranthene	400	376	401	93.9	100	50.1-135			6.50	20
Fluorene	400	382	396	95.5	99.1	52.3-125			3.74	20
Naphthalene	400	380	384	95.0	96.0	47.8-121			0.980	20
Phenanthrene	400	396	419	98.9	105	56.0-122			5.80	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3175473-1 11/02/16 13:34 • (LCSD) R3175473-2 11/02/16 13:55

Analyte	Spike Amount ug/kg	LCS Result ug/kg	LCSD Result ug/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Pyrene	400	380	396	95.0	99.0	55.6-129			4.12	20
Indeno(1,2,3-cd)pyrene	400	379	380	94.8	95.0	50.1-135			0.230	20
(S) Nitrobenzene-d5				*105*	*102*	*28.3-148*				
(S) 2-Fluorobiphenyl				*101*	*104*	*41.4-134*				
(S) p-Terphenyl-d14				*103*	*106*	*35.8-140*				

L869135-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L869135-04 11/02/16 15:44 • (MS) R3175473-4 11/02/16 16:06 • (MSD) R3175473-5 11/02/16 16:28

Analyte	Spike Amount (dry) ug/kg	Original Result (dry) ug/kg	MS Result (dry) ug/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	452	U	399	401	88.3	88.7	1	48.3-126			0.420	20
Acenaphthylene	452	U	399	403	88.4	89.2	1	48.7-128			0.900	20
Anthracene	452	U	349	356	77.3	78.7	1	41.0-133			1.82	20
Benzo(a)anthracene	452	U	375	370	83.0	82.0	1	31.6-136			1.19	20
Benzo(b)fluoranthene	452	U	365	372	80.8	82.3	1	24.0-134			1.79	24.3
Benzo(k)fluoranthene	452	U	349	370	77.2	81.9	1	30.4-134			5.81	24.7
Benzo(g,h,i)perylene	452	U	376	390	83.3	86.3	1	19.1-139			3.54	23.4
Benzo(a)pyrene	452	U	337	351	74.5	77.8	1	28.0-137			4.29	20.5
Chrysene	452	U	379	380	83.8	84.1	1	32.4-137			0.300	20
Dibenz(a,h)anthracene	452	U	371	381	82.1	84.4	1	30.3-135			2.81	22.5
Fluoranthene	452	U	383	391	84.7	86.5	1	32.8-139			2.05	20
Fluorene	452	U	403	405	89.2	89.8	1	43.0-129			0.630	20
Naphthalene	452	U	391	413	86.5	91.3	1	38.1-135			5.48	20
Phenanthrene	452	U	403	410	89.3	90.8	1	36.2-134			1.65	20
Pyrene	452	U	384	406	85.0	89.9	1	30.3-144			5.53	21.7
Indeno(1,2,3-cd)pyrene	452	U	373	379	82.5	83.9	1	22.3-139			1.72	23.6
(S) Nitrobenzene-d5					*90.3*	*98.0*		*28.3-148*				
(S) 2-Fluorobiphenyl					*95.1*	*95.4*		*41.4-134*				
(S) p-Terphenyl-d14					*94.0*	*94.3*		*35.8-140*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

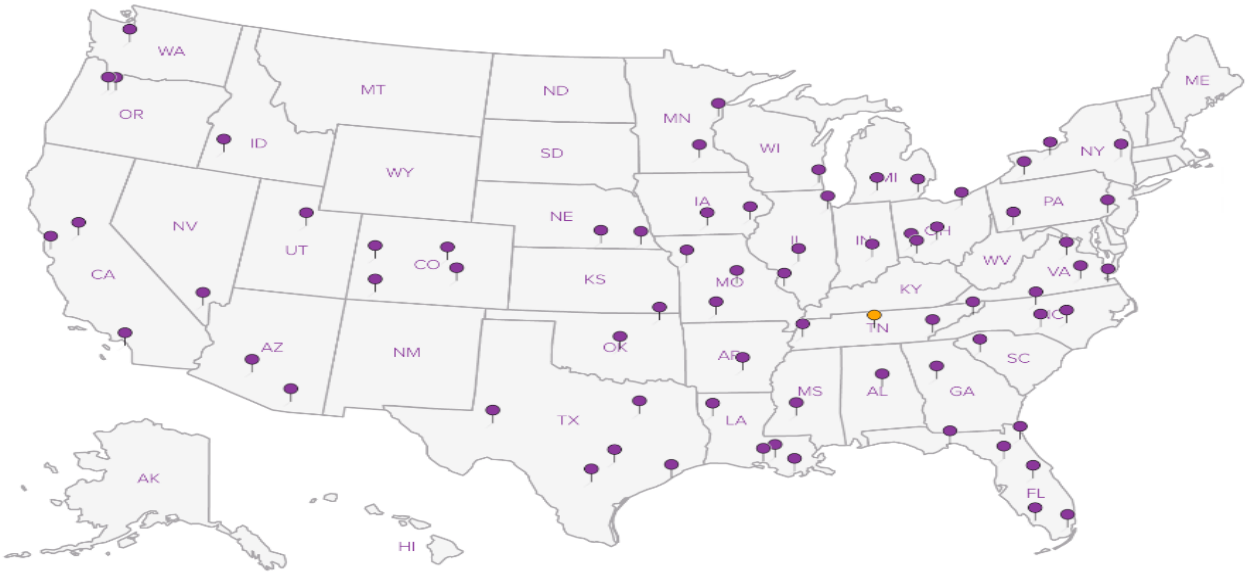
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1.] Drinking Water [2.] Underground Storage Tanks [3.] Aquatic Toxicity [4.] Chemical/Microbiological [5.] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Company Name/Address:
LaBella Associates, D.P.C.
300 State Street, Suite 201
Rochester, New York 14614

Billing Information:
Attn: Michelle Clausen

Report to: srife@labellapc.com

Email To: mpelychaty@labellapc.com

Project Description: 471 & 485 Hague Street PHII ESA

City/State Collected: Rochester, NY

Phone: (585) 402-7004
Fax: N/A

Client Project # 2161792

Lab Project #

Collected by (print): S. Rife

Site/Facility ID #

P.O. #

Collected by (signature): Steven Rife

Immediately Packed on Ice N ____ Y ✓

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No ✓Yes
FAX? ✓No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TCL + CP-51 VOCs	CP-51 SVOCs	RCRA Metals	PCBs	Rem./Contaminant	Sample # (lab only)
GP-02	Grab	SS	11'-11.5'	10/25/16	0900	1	X	X				-01
GP-06	Grab	SS	10'-11.1'	10/25/16	1245	1	X					-02
GP-08	Grab	SS	6-7'	10/25/16	1430	2	X	X	X	X		-03
GP-09	Grab	SS	10-11'	10/25/16	1500	2	X	X	X	X		-04
GP-10	Grab	SS	4-5'	10/25/16	1520	1		X				-05

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Chain of Custody Page ___ of ___

ESC LABORATORIES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L869194

F062

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Hold #

Condition: (lab use only) OK

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Steven Rife	10/27/16	1700	FedEx.
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
			6903 4728 2594
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 2.1 °C Bottles Received: 6

Date: 10/28/16 Time: 09:00

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client: LABRNY	SDG# L869194
Cooler Received/Opened On: **10/28/16**	Temperature Upon Receipt: 2.1 °c
Received By: **Don Wright**	
Signature:	

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?			✓
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)			✓
If applicable, was an observable VOA headspace present?			
Non Conformance Generated. (If yes see attached NCF)			✓