Periodic Review Report
NYSDEC BCP Site #C828115
Reporting Period: November 2018 to October 2019

Location:

Former Rochester Drug Cooperative Building
320 North Goodman Street
Rochester, New York 14607

Prepared for:

Stern Properties
274 North Goodman Street
#A201
Rochester, New York 14607

LaBella Project No. 211352

November 11, 2019

LaBella
Powered by partnership.

300 State Street, Suite 201 | Rochester, NY 14614 | p 585-454-6110 | f 585-454-3066

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1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this November 2018 through October 2019 Periodic Review Report (PRR) for the property located at 320 North Goodman Street, City of Rochester, Monroe County, New York, herein after referred to as the "Site". The Site is identified as New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site #C828115. A Site Location Map is included as Figure 1.

The Site is located in the County of Monroe, New York and is identified as Block 084 and Lot 0001 on the City of Rochester Tax Map # 106. The Site is situated on an approximately 2.7-acre area bounded by the CSX Goodman Street Yards and railroad tracks to the north and east, the Village Gate Square Mall to the south, and residential properties are located adjacent to the west of the Site, across North Goodman Street (see Figure 2).

LaBella was retained by Stern Properties to assist in the monitoring and reporting requirements associated with the Site Management Plan (SMP) prepared for the Site.

2.0 BACKGROUND

Previous environmental investigations at the Site identified the nature and extent of contamination to be limited to petroleum contamination in soil, groundwater, and soil vapor. The apparent source of the petroleum impacts was four (4) petroleum underground storage tanks (USTs) that were formerly located in the eastern portion of the Site. Two (2) additional USTs were reportedly removed by others in the early 1970s, and another UST was removed by others in 1998. There was no closure documentation for the tanks removed from the Site. There are two (2) NYSDEC Spills associated with the Site (#9506933 and #0106407). Both spills have been closed by the NYSDEC, however, the investigation and remediation of the petroleum impacts were performed as part of the BCP project that are associated with NYSDEC Spill #0106407. The Site was entered into the NYSDEC BCP on May 18, 2004.

A Remedial Investigation (RI) was conducted by GeoQuest Environmental, Inc. (GeoQuest) in September 2003 to complete the delineation of the horizontal and vertical extent of petroleum-impacted soil and groundwater at the Site. This RI consisted of advancing seven (7) direct-push soil borings (designated MW-13 through MW-17 and B-18 and B-19) of which five (5) were converted into temporary groundwater monitoring wells (designated MW-13 through MW-17). GeoQuest's RI concluded that:

- the source of the petroleum impacts at the 320 North Goodman Street Site emanated from onsite petroleum storage tanks that had previously been removed from the Site;
- there were no current or reasonably foreseeable exposure pathways since the impacted area was to remain a parking lot; and,
- conditions at the Site required remediation in order to meet the NYSDEC BCP requirements

In April 2005, GeoQuest conducted an Interim Remedial Measure (IRM) Soil Removal program at the Site. As part of the IRM, an ex-situ treatment biocell was constructed, on the easterly adjacent Village Gate Square property, to treat approximately 2,103 cubic yards of petroleum-impacted soil that was excavated from the Site. This petroleum-impacted soil was placed in a "biocell" for remediation over time. Subsequent to screening and sampling the biocell soils, NYSDEC approved, in 2009, grading of the biocell soils into an existing soil berm to the east of the on-site building and covered with one (1) foot of clean soil at the former location shown on Figure 2 and subsequently the soil berm was graded and placed underneath an asphalt paved parking lot at the location shown on Figure 4.

An active Sub-Slab Depressurization System (SSDS) was installed beneath the concrete slab of the on-site building in November 2006. The SSDS was designed to depressurize the subsurface immediately below the concrete floor slab, thus restricting soil vapor intrusion into the on-site building from beneath the floor slab. Additional sub-slab depressurization fans were installed in the on-site building in 2009. Subsequent testing of these monitoring points (i.e. radius of influence testing) indicated negative pressures beneath the floor slab throughout the on-site building. The location of the SSDS components are depicted on Figure 3.

A Final Engineering Report (FER) dated December 2009 by LaBella documented the remedial work. A SMP dated December 2009 by LaBella provides the required monitoring and reporting for the Site. Based on the remedial work completed a certificate of completion was issued for the Site in 2009.

3.0 PURPOSE AND SCOPE OF WORK

The purpose of this report is to present the monitoring work completed at the Site since the last PRR. This work was completed in accordance with the provisions identified in the SMP. As required in the SMP, this report includes the following information:

- Identification, assessment and certification of all Engineering Controls/Institutional Controls (ECs/ICs) required by the remedy for the Site;
- Results of the required annual Site inspections and severe condition inspections, if applicable;
- All inspection forms and other records generated for the Site during the reporting period in electronic format (included in report);
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions; and
- A site evaluation, which includes the following:
    - The compliance of the remedy with the requirements of the site-specific RAWP;
    - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
    - Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
    - The overall performance and effectiveness of the remedy.

The NYSDEC has approved revisions to the operations, maintenance, and monitoring of the Site in a letter dated February 10, 2015. The NYSDEC approved to discontinue the groundwater monitoring program at the Site based on the last three monitoring events indicated that volatile organic compounds (VOCs) in wells MW-15R and MW-14R have decreased to levels below the New York State groundwater standard and VOC levels in wells MW-16R and MW-17R have decreased to non-detectable levels.

4.0 ANNUAL MONITORING

The SMP indicated monitoring of the performance of the remedy and overall reduction in contamination on-site will be conducted for the first two (2) years, via semi-annual sampling of four (4) existing groundwater monitoring wells, and the frequency thereafter will be determined by NYSDEC. The trend in contaminant levels in groundwater in the affected area was evaluated to determine if the remedy continues to be effective in achieving remedial goals. As noted above, the NYSDEC approved the discontinuation of the groundwater portion of the monitoring as the contaminants of concerns are below the New York State groundwater standards. The current monitoring program is summarized in the following table and was included in the SMP:

Monitoring/Inspection Schedule

Monitoring Program	Frequency	Matrix	Status
Groundwater Monitoring	Semi-annual	Groundwater	Discontinued
Site Wide Inspection/Soil Cover	Annual	Soil	Ongoing
Soil Berm (former biocell)	Annual	Soil	Discontinued
SSDS	Monthly	Vapor / Air	Ongoing

A summary of the monitoring work completed is provided below.

4.1 Sub Slab Depressurization System Monitoring

The sub-slab depressurization system was inspected on October 30, 2019 in order to verify proper operation of the system. There are six fans that operate the SSDS at the locations shown on Figure 3. At each fan location, the following inspections were made:

- the in-line U-tube manometer on the suction side of the piping system was observed to determine a pressure differential that would indicate the fan was operating properly.
- the piping condition was observed to determine if any portion of the piping required repair;
- labeling of the system was intact; and,
- descriptions of actions taken to address any concerns of the SSDS (if applicable).

According to the site owner, Fans #4 and #6 stopped working in October 2019 and were replaced within 30 days.

Based on the inspection, the SSDS appeared to be in good working order (e.g. each manometer indicated the SSDS was working, the fan was observed to be working, and the piping appeared in good condition). Copies of the inspection forms and photographs of pertinent portions of the system are included in Appendix A.

4.2 Site Wide Inspection

A site-wide inspection of the property was conducted on October 30, 2018 to assess the general condition of the site (e.g. commercial use, residential use, etc.) as well as asphalt paved areas located over the remedial excavations. Based on the results of the general site conditions inspection, the site remains utilized for commercial use only, and the asphalt paved areas over the remedial excavations remain in good condition. Photos of the asphalt paved area are included in Appendix A.

4.3 Change of Use During Reporting Period

A vacant portion of the interior building space (northeast area of site building) was remodeled that included minor excavations and concrete removal to install four new columns and plumbing beneath the building slab. Excavated soil encountered was screened for visual and olfactory impacts (i.e. staining and odors) and with a photoionization detector (PID) for evidence of impairment. Evidence of impairment was not observed in the material excavated. One composite soil sample was collected of the excavated soil (estimated to be less than 10 cubic yards) to determine potential reuse or disposal requirements. The sample results indicated the concentrations of chemicals of concern did not exceed the Restricted Use Soil Cleanup Objectives (SCOs) for a Commercial Site. Based on the results, the material was reused as backfill within the excavation and material unable to be used as backfill was placed in a landscaped exterior area of the site as shown on Figure 4.

A copy of the Change of Use Notification, Excavation Work Plan, and Material Reuse Request is included as Attachment C.

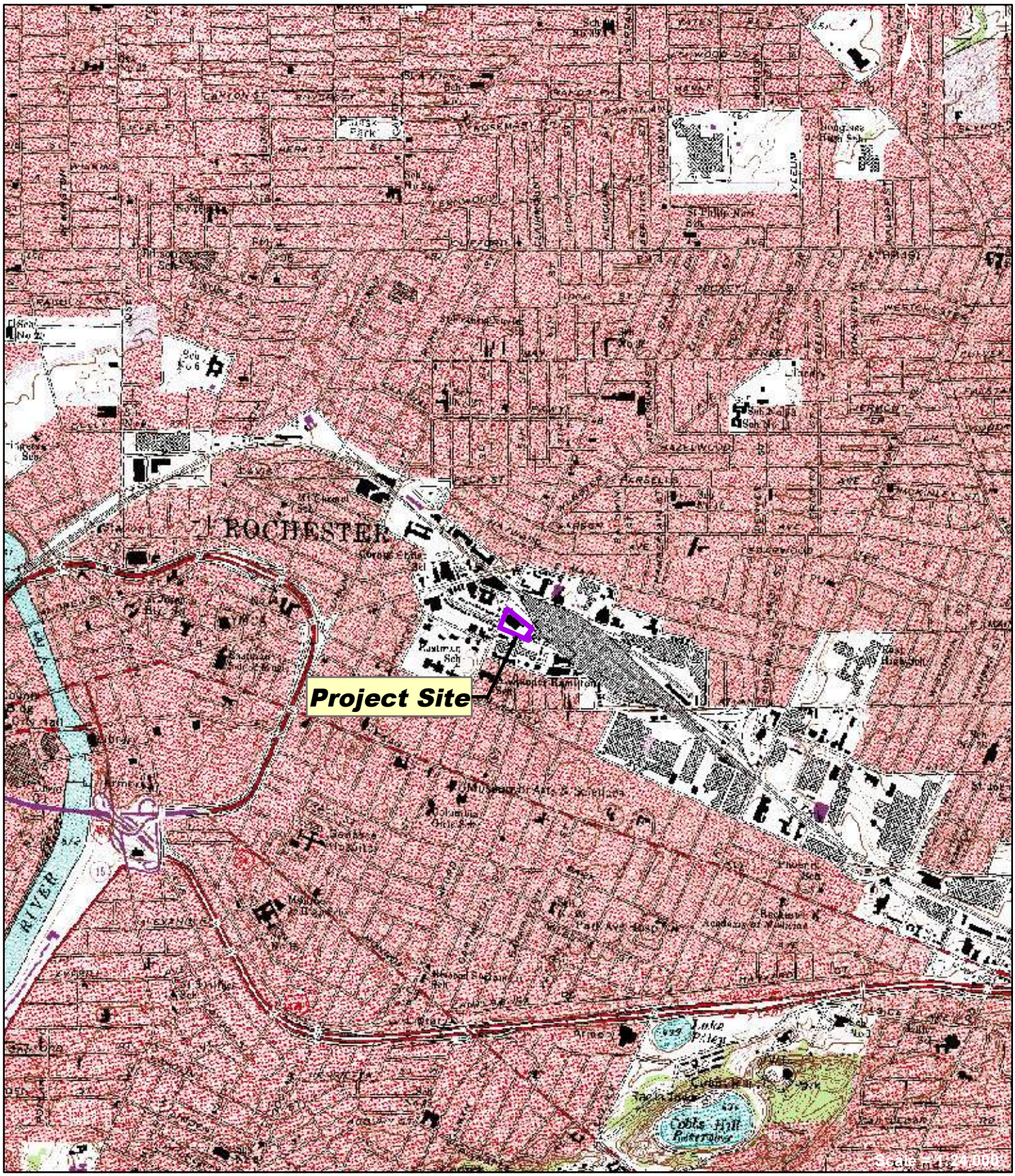
5.0 INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION

The NYSDEC Institutional and Engineering Controls Certification Form is included in Appendix B.

6.0 RECOMMENDATIONS

Based on that the monitoring during the previous periods has not identified any discrepancies and that only the SSDS and Site Wide Conditions and use of the property is not anticipated to change in the foreseeable future.

FIGURES



1 inch = 2,000 feet

FIGURE 1

Site Location Map
NYSDEC BCP Site #C828115
Former Rochester Drug Cooperative Building
320 North Goodman Street
Rochester, New York

LaBella
Powered by partnership

Path: J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Drawings\2018\Figure 1 Site Location.mxd

Path: J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Drawings\2018\Figure 2 Site Area Map.mxd

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Periodic Review Report
NYSDEC BCP Site #C828115
Former Rochester Drug Cooperative Building
Rochester, New York

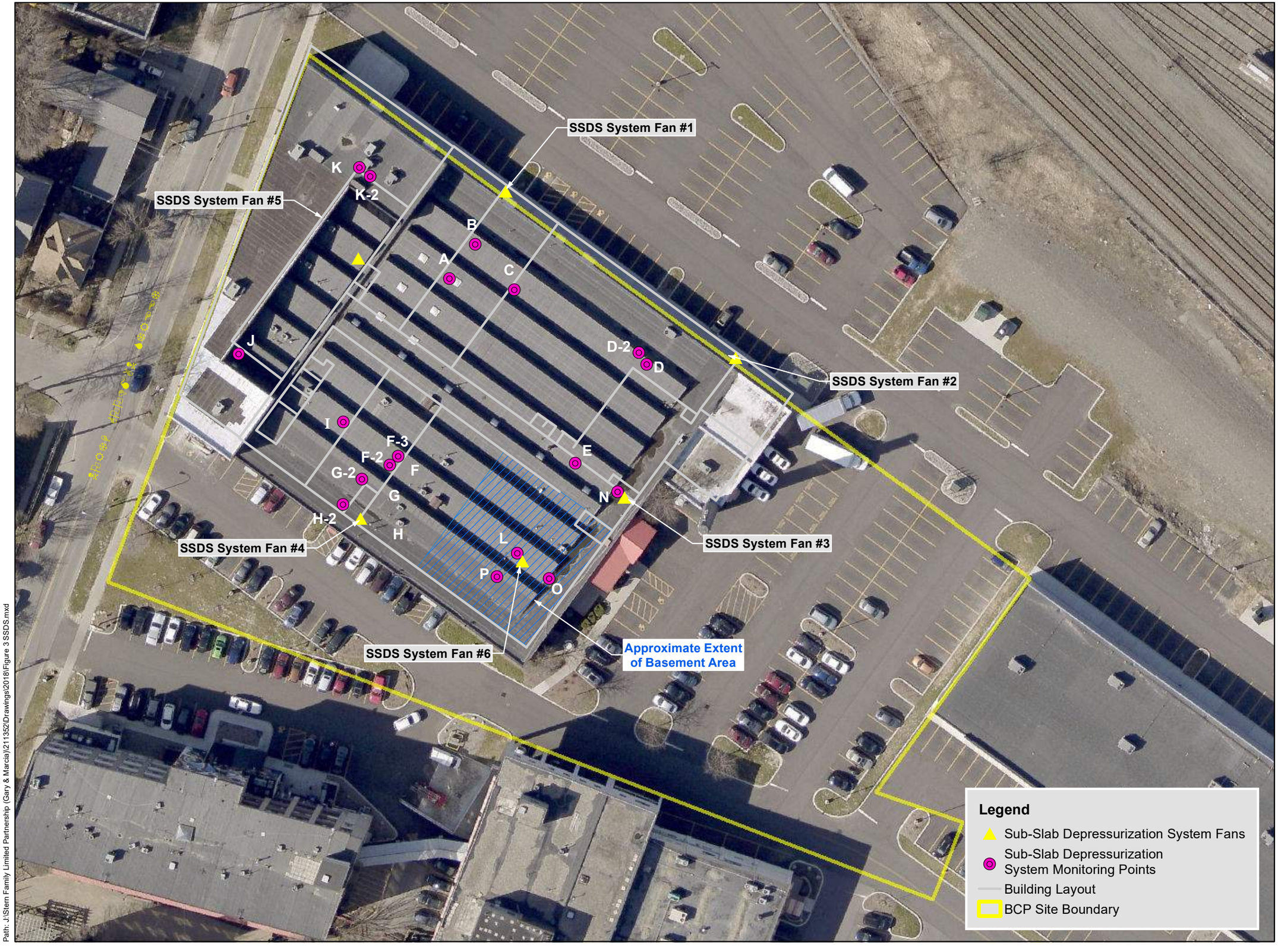
Client:
The Gary and Marcia Stern Family Limited Partnership

Title:
Site Area Map

N
W E
S

211352

FIGURE 2



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Periodic Review Report
NYSDEC BCP Site #C828115
Former Rochester Drug Cooperative Building
Rochester, New York

Client:
The Gary and Marcia Stern Family Limited Partnership

Title:
Site Area Map and Sub Slab Depressurization System

N
W E
S

10 0 50
1 inch = 50 feet

211352

FIGURE 3

Path: J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Drawings\2018\Figure 3 SSDS.mxd

Path: J:\Stern Family Limited Partnership (Gary & Marcia)\211352\Drawings\2018\Figure 4 Biocell Soil Placement Location.mxd

LaBella
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Periodic Review Report
NYSDEC BCP Site #C828115
Former Rochester Drug Cooperative Building
Rochester, New York

Client:
The Gary and Marcia Stern Family Limited Partnership

Title:
Biocell Soil Placement Location

N
W E
S

0 75
1 inch = 75 feet

211352

FIGURE 4

APPENDIX A

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: Jan 1, 2019
Weather Conditions: Moderate

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	2.0	Y	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	1.75	Y	NA
FAN #3 Eastern Wall	Y	Y	1.75	Y	NA
FAN #4 Southern Wall	Y	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: 2-1-2019
Weather Conditions: Moderate

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	2.5	Y	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	1.75	Y	NA
FAN #3 Eastern Wall	Y	Y	1.5	Y	NA
FAN #4 Southern Wall	Y	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	1.5	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: 3-1-2019
Weather Conditions: Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	1.75	Y	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	2.5	Y	NA
FAN #3 Eastern Wall	Y	Y	1.75	Y	NA
FAN #4 Southern Wall	Y	Y	1.5	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	2.0	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	3.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name:	NYSDEC BCP Site No. C828115
Location:	320 North Goodman Street, Rochester, New York
Project No.:	208613
Inspected By:	Anthony Valentine
Date of Inspection:	4-1-2019
Weather Conditions:	Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Yes	Y	2.0	Y	NA
FAN #2 Near Northeastern Corner of Building	Yes	Y	1.5	Y	NA
FAN #3 Eastern Wall	Y	Y	1.5	Y	NA
FAN #4 Southern Wall	Y	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony VAntine
Date of Inspection: 5-1-2019
Weather Conditions: Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Yes	XY	1.5	Y	NA
FAN #2 Near Northeastern Corner of Building	Yes	Y	2.0	Y	NA
FAN #3 Eastern Wall	Yes	Y	1.75	Y	NA
FAN #4 Southern Wall	Y	Y	1.5	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	2.0	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	1.75	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: 6-1-2019
Weather Conditions: Moderate

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	1.75	Y	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	2.0	Y	NA
FAN #3 Eastern Wall	Y	Y	1.5	Y	NA
FAN #4 Southern Wall	Y	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name:	NYSDEC BCP Site No. C828115
Location:	320 North Goodman Street, Rochester, New York
Project No.:	208613
Inspected By:	Anthony Valentine
Date of Inspection:	7-1-2019
Weather Conditions:	Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	1.75	Y	NA
FAN #2 Near Northeastern Corner of Building	Y	Y	2.0	Y	NA
FAN #3 Eastern Wall	Y	Y	1.5	Y	NA
FAN #4 Southern Wall	Y	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Yes	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Yes	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.

300 State Street

Rochester, New York 14614

Phone: (585) 454-6110

Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115

Location: 320 North Goodman Street, Rochester, New York

Project No.: 208613

Inspected By: Anthony Valentine

Date of Inspection: 8-1-2019

Weather Conditions: Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Yes	Y	1.75	Y	NA
FAN #2 Near Northeastern Corner of Building	Yes	Y	2.0	Y	NA
FAN #3 Eastern Wall	Yes	Y	1.5	Y	NA
FAN #4 Southern Wall	Yes	Y	2.0	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: 9-1-2019
Weather Conditions: Moderate.

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Yes	Yes	2.75	Y	NA
FAN #2 Near Northeastern Corner of Building	Yes	Yes	1.75	Y	NA
FAN #3 Eastern Wall	Yes	Yes	2.0	Y	NA
FAN #4 Southern Wall	Yes	Y	2.5	Y	NA
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Yes	Y	1.75	Y	NA
FAN #6 Partial Basement, Southeastern Portion of Building	Yes	Y	2.0	Y	NA

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine.
Date of Inspection: 10-1-209
Weather Conditions:

SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	2.75	Y	Dial Replaced
FAN #2 Near Northeastern Corner of Building	Y	Y	1.75	Y	
FAN #3 Eastern Wall	Y	Y	2.0	Y	
FAN #4 Southern Wall	Y	Y	2.5	Y	Fan Replaced
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	Fan Replaced

Sub-Slab Depressurization System (SSDS) Inspection Form
Site Management Plan
320 North Goodman Street, City of Rochester, New York
NYSDEC Brownfield Cleanup Program Site No. C828115

LABELLA Associates, P.C.
300 State Street
Rochester, New York 14614
Phone: (585) 454-6110
Fax: (585) 454-3066

Project Name: NYSDEC BCP Site No. C828115
Location: 320 North Goodman Street, Rochester, New York
Project No.: 208613
Inspected By: Anthony Valentine
Date of Inspection: 11-1-2019
Weather Conditions: Cold.

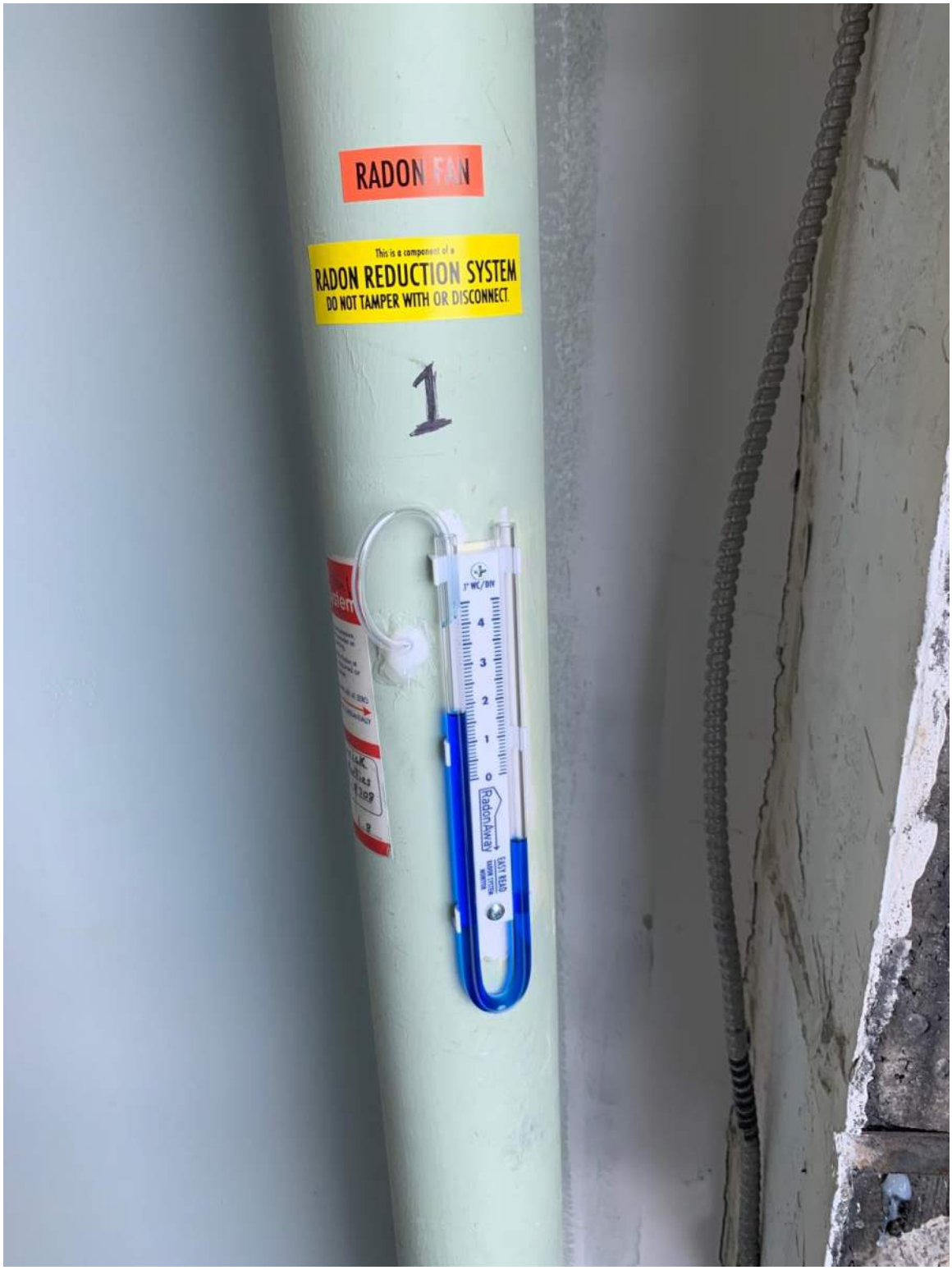
SSDS VENT FAN & GENERAL LOCATION	FAN OPERATING PROPERLY (YES/NO)	PIPING IN GOOD CONDITION (YES/NO)	MANOMETER READING (INCHES OF WATER COLUMN)	LABELLING OF SYSTEM INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
FAN #1 Northern Wall, Near Center of Building	Y	Y	2.75	Y	
FAN #2 Near Northeastern Corner of Building	Y	Y	1.75	Y	
FAN #3 Eastern Wall	Y	Y	2.0	Y	
FAN #4 Southern Wall	Y	Y	2.5	Y	
FAN #5 Western Portion of Building, In Bathroom Utility Closet	Y	Y	1.75	Y	
FAN #6 Partial Basement, Southeastern Portion of Building	Y	Y	2.0	Y	

ANNUAL SITE INSPECTION FORM

300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

PROJECT NAME:	Former Rochester Drug Cooperative Building, #C828115
LOCTION:	320 N. Goodman St., Rochester, NY
PROJECT NO.:	211352
INSPECTED BY:	M. Pelychaty
DATE:	10/30/2019
WEATHER:	Sun/clouds, ~50 F

COVER TYPE	OVERALL CONDITION OR COMMENT
GENERAL SITE CONDITIONS	Site surface appears is good condition, concrete and asphalt paved appears appear in acceptable conditions
SITE USE	Site is being currently used as office space by several different tenants.
SSDS INSPECTION	All fans appear to be working properly. Visible piping in acceptable condition.



SSDS #1 manometer.

SSDS #2 manometer.

SSDS #3 manometer.

SSDS #4 manometer.

SSDS #5 manometer.

SSDS #6 manometer.

APPENDIX B

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C828115**

Site Name Rochester Drug Cooperative Building

Site Address: 320 N. Goodman Street Zip Code: 14607
City/Town: Rochester
County: Monroe
Site Acreage: 2.699

Reporting Period: October 12, 2018 to October 12, 2019

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? *See below	X	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? *See below	X	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs/ECs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

*A change of use and excavation work plan was submitted to and accepted by the NYSDEC in May 2019 that included the the installation of new columns, footings, and subgrade piping at the northeast portion of the site building for a new tenant. A copy of the relevant change of use information is included in the 2019 Periodic Review Report.

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C828115

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
106.84-01-01	Gary and Marcia Stern Fam. Ltd Partnersh	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan

- Compliance with the environmental easement and the SMP;

- All asphalt surfaces and the on-site building are considered a cover system to prevent direct contact with residual contamination in soil and must be maintained;

- The SSDS must be monitored and operate on a continuous basis;

- Any future building must be evaluated for soil vapor intrusion;

- Groundwater use is as a potable source is prohibited;

- The Site is restricted to commercial and/or industrial uses; and

- Periodic certification that all instutional and engineering controls are in place and that the SMP is being implemented.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
106.84-01-01	Vapor Mitigation Cover System

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

11/1-/19
Date

IC CERTIFICATIONS
SITE NO. C828115

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ALLAN Stern at 274 N Goodman st Roch. NY 14607
print name print business address

am certifying as owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

11/1-/19
Date

IC/EC CERTIFICATIONS

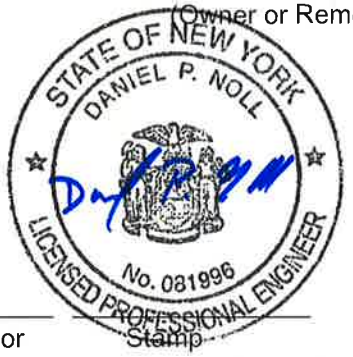
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I DANIEL NOLL (print name) at LaBella Associates, D.P.C. 300 STATE ST. Rochester NY (print business address),

am certifying as a Professional Engineer for the OWNER (Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

11/11/19
Date

APPENDIX C

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 I F: (585) 226-8139
www.dec.ny.gov

May 3, 2019

Michael F. Pelychaty, P.G.
Labella Associates, D.P.C.
300 State Street, Suite 201
Rochester, New York 14614

RE: Former Rochester Drug Cooperative C828115
Change-In-Use and Excavation Work Plan
Monroe(C), Rochester(C)

Dear Mr. Pelychaty:

I have reviewed the referenced documents for the change-in-use at the referenced site. The work plan and associated change-in-use are hereby approved.

In the future, please be aware that there is a 60-day notification requirement prior to these types of activities being initiated. Please let me know if you have any questions or concerns.

Sincerely,

Todd M. Caffoe, P.E.
Division of Environmental Remediation

New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY 14414
P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

www.dec.ny.gov |

ec: B. Schilling
J. Biondolillo
C. Reid
A. Stern

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership

Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: Former Rochester Drug Copperative **DEC Site ID No.** C828115

II. Contact Information of Person Submitting Notification:

Name: Michael Pelychaty

Address1: 300 State Street, Suite 201, Rochester, NY 14614

Address2:

Phone: 585-295-6253 E-mail: mpelychaty@hotmail.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

☐ Change in Ownership or Change in Remedial Party(ies)

☐ Transfer of Certificate of Completion (CoC)

☑ Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): 5/1/2019

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

Four new interior columns with footings, and trenching of existing interior slab on grade for new underground plumbing. See attached plans for new columns and plumbing,

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

Chang of Use is unlikely to affect ongoing remedial program.

Pelychaty,Mike

From: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Sent: Friday, May 17, 2019 8:18 AM
To: Pelychaty,Mike
Cc: Allan Stern; Schilling, Bernette (DEC)
Subject: RE: Material Reuse Request - NYSDEC BCP #C828115, Former Rochester Drug Cooperative

Mike,
I have reviewed the analytical data for the excess soils generated during building renovations at the referenced site. The data indicate that these soils meet the unrestricted use SCOs.

These soils are acceptable for reuse anywhere on site. Please let me know if you have any questions.

-Todd

Todd M. Caffoe, P.E.
Division of Environmental Remediation

New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY 14414
P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

www.dec.ny.gov | |

From: Pelychaty,Mike <mpelychaty@LaBellaPC.com>
Sent: Wednesday, May 15, 2019 8:55 AM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Cc: Allan Stern <allan@sternproperties.com>
Subject: Material Reuse Request - NYSDEC BCP #C828115, Former Rochester Drug Cooperative

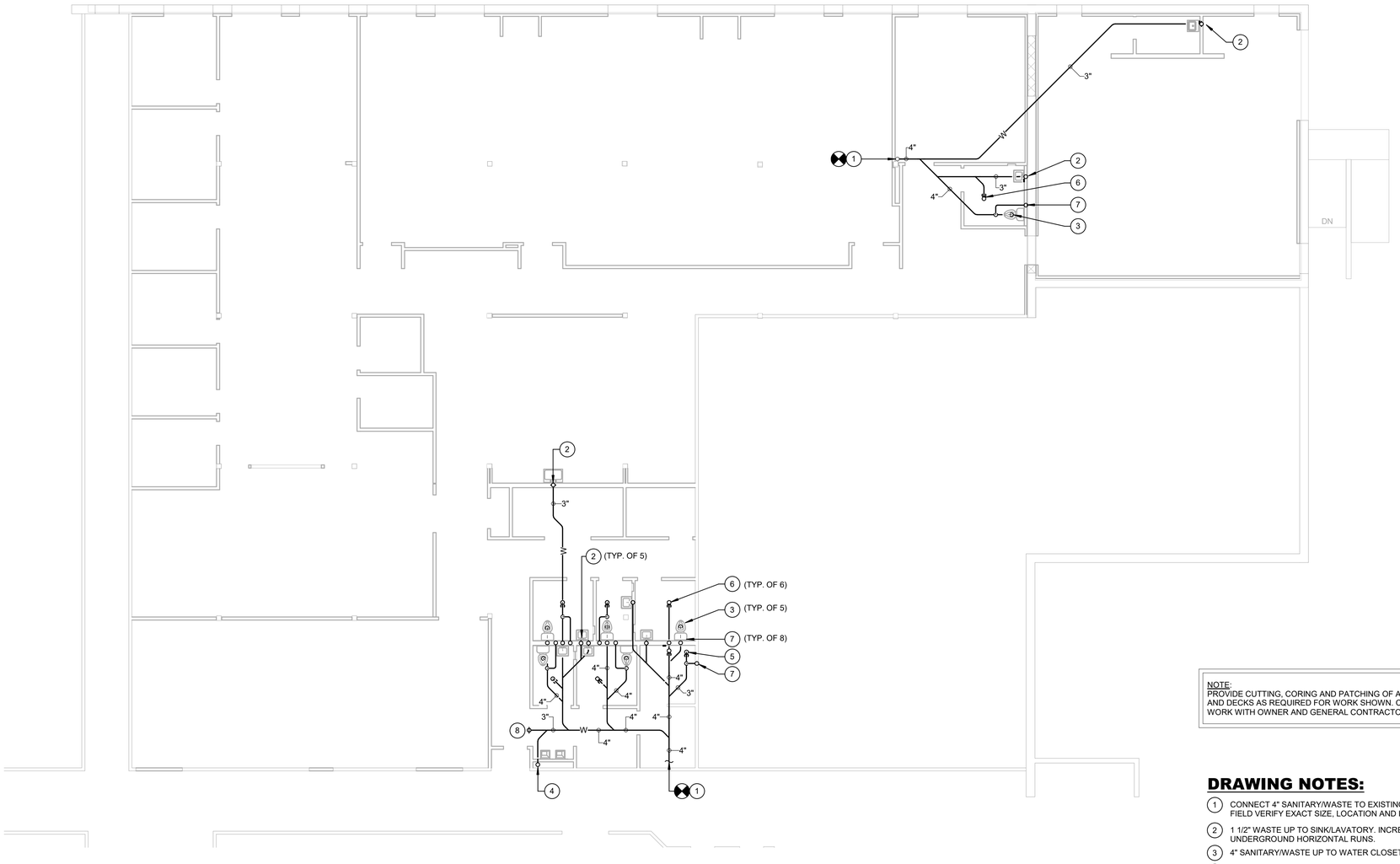
Todd,

Attached is the material reuse request form for NYSDEC BCP #C828115, Former Rochester Drug Cooperative. One composite soil sample was collected from the material that was removed beneath the floor slab at the northeast portion of the site building. All the results are below the 6NYCRR Part 375-6.8(b) Restricted Use SCO for a Commercial Site. Please conform that this material is acceptable for reuse.

Regards,

Mike Pelychaty

Michael Pelychaty, PG
LaBella Associates | Sr. Environmental Geologist



1 FOUNDATION PLAN
1/8" = 1'-0"

NOTE:
PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER AND GENERAL CONTRACTOR.

DRAWING NOTES:

1. CONNECT 4" SANITARY/WASTE TO EXISTING 4" SANITARY/WASTE. FIELD VERIFY EXACT SIZE, LOCATION AND INVERT OF EXISTING LINE.
2. 1 1/2" WASTE UP TO SINK/LAVATORY. INCREASE TO 3" WASTE ON ALL UNDERGROUND HORIZONTAL RUNS.
3. 4" SANITARY/WASTE UP TO WATER CLOSET.
4. 1 1/2" WASTE UP TO ELECTRIC WATER COOLER. INCREASE TO 3" WASTE ON ALL UNDERGROUND HORIZONTAL RUNS.
5. 3" WASTE (WITH TRAP) UP TO MOP SERVICE SINK.
6. 3" WASTE (WITH TRAP) UP TO FLOOR DRAIN.
7. 2" VENT UP.
8. UP TO DECK PLATE CLEANOUT.

hbt
ARCHITECTS
2 ELTON STREET | ROCHESTER NY 14607
585.586.0490

CONSULTANTS:

EC4B engineering, p.c.
15 Schoen Place
Suite 300
Pittsford, NY 14534
Phone: (585) 641-7121
Fax: (585) 362-4175
www.ec4b.com

PERMIT, PRICING SET

REVISIONS:

NUMBER	DATE	ISSUED BY	DESCRIPTION

PROJECT:
COLGATE ROCHESTER CROZER DIVINITY SCHOOL
320 GOODMAN ST. SUITE 206, 207 ROCHESTER, NY 14607

DRAWING TITLE:
FOUNDATION PLAN

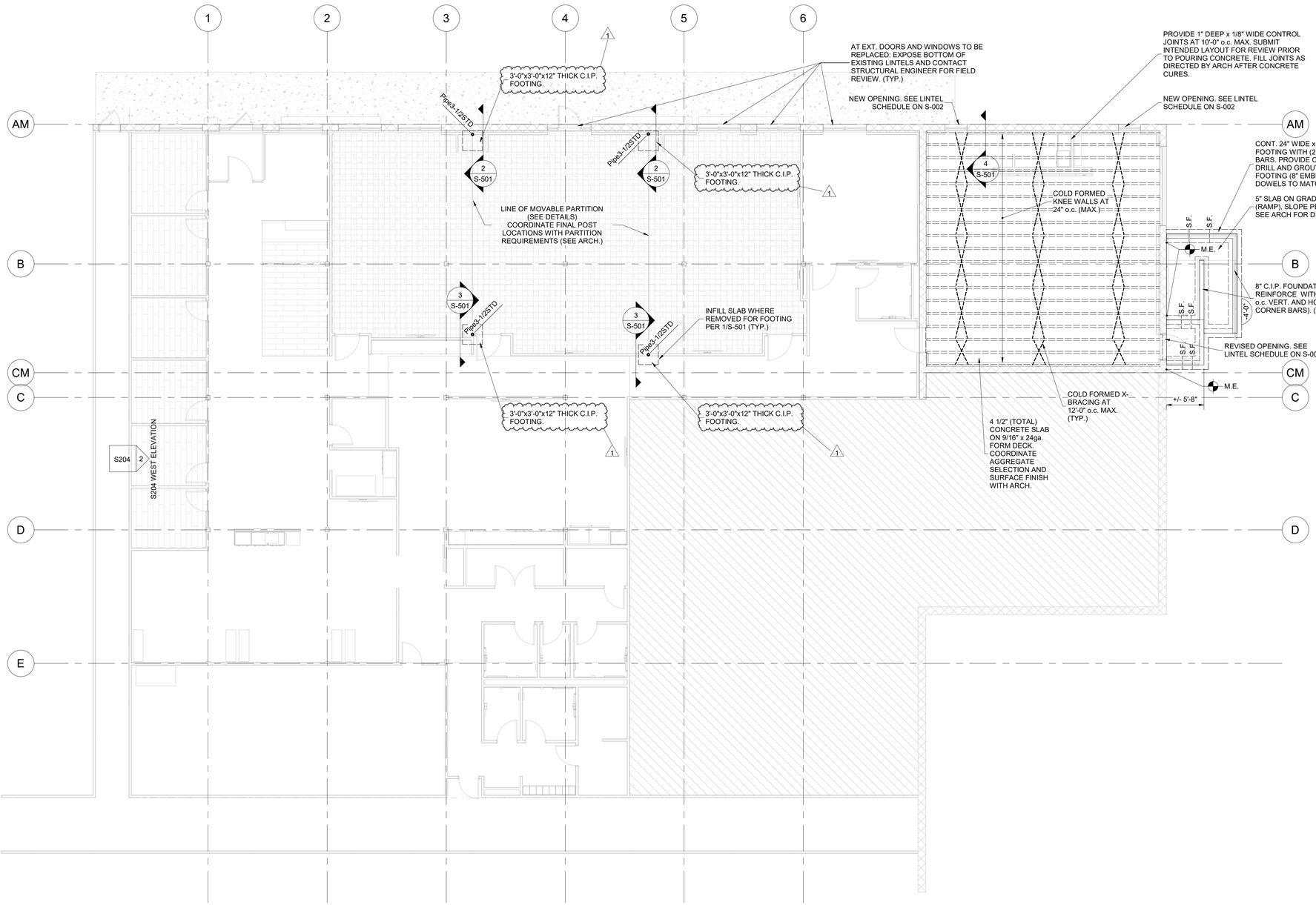
PROJECT NO.
2018-11-02

PROJECT DATE:
MARCH 6, 2019

P-100

NOTES

1. DATUM ELEVATION = FINISHED GROUND FLOOR = 0'-0" (XXX' - X")
2. REFER TO S001 AND S002 FOR GENERAL NOTES.
3. (+/-) X'-XX" DENOTES TOP OF FOOTING ELEVATION WITH RESPECT TO DATUM.
4. CONCRETE SLAB ON GRADE IS 5" NORMAL WEIGHT CONCRETE COMPACTED SUBBASE. REINFORCE SLAB WITH W2.9XW2.9 6"X6" WWF OR 5 LBS/CY STRUX/90 (GRACE) OR FORTA-FERRO (FORTA) MACRO-FIBER REINFORCEMENT.



COLUMN AND SLAB PLAN

1/8" = 1'-0"

N

hbt
ARCHITECTS
2 ELTON STREET | ROCHESTER NY 14607
585.586.0490

CONSULTANTS:

JensenBRV ENGINEERING, PLLC
Structural EngineeringConsultants
1653 EAST MAIN STREET
ROCHESTER, NY 14609
phone: (585) 482-8130
fax: (585) 482 0440
web: www.jensenbrv.com

PERMIT, PRICING SET

REVISIONS:

NUMBER	DATE	ISSUED BY	DESCRIPTION
1	03/20/2019		FIELD COORDINATION

PROJECT:

COLGATE ROCHESTER CROZER DIVINITY SCHOOL

320 GOODMAN ST. SUITE 206, 207
ROCHESTER, NY 14607

DRAWING TITLE:

FIRST FLOOR STRUCTURAL PLAN

PROJECT NO.
2018-11-02

PROJECT DATE:
MARCH 6, 2019

S-100

April 25, 2019

Mr. Todd Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
6275 East Avon-Lima Road
Avon, New York 14414

RE: Excavation Work Plan
Former Rochester Drug Cooperative
320 North Goodman, Rochester, New York
LaBella Project Number 211352

Dear Mr. Caffoe:

LaBella Associates, D.P.C. (LaBella) is submitting this Excavation Work Plan (EWP) and associated supporting documentation on behalf of Stern Properties in order to provide the 15-day notification of the activities that will be taking place at the Former Rochester Drug Cooperative building located at 320 North Goodman Street, City of Rochester, Monroe County, New York. A vacant portion of the interior building space is to be remodeled that includes minor excavations and concrete removal to install four new columns and plumbing beneath the slab. The work is anticipated to begin upon approval of the EWP.

Description of the Work

- *Installation of Four New Columns:* The northeast portion of the site building will be excavated to install four new columns. An estimated 3 cubic yards (CY) of soil and 5 CY of concrete is anticipated to be removed. The soil will be characterized and is anticipated to be disposed off-site at a NYSDEC Part 360 permitted landfill and the concrete will be sent to an off-site recycling facility. Refer to Attachment 1/Drawing S-100 for the columns locations. No material is anticipated to be imported for this work.

- *Installation of New Sub Slab Plumbing:* The northeast portion of the site building will be excavated to install new sub-slab plumbing. An estimated 2 CY of soil and 25 CY of concrete is anticipated to be removed. The soil will be characterized and is anticipated to be disposed off-site at a NYSDEC Part 360 permitted landfill and the concrete will be sent to an off-site recycling facility. Refer to Attachment 1/Drawing P-100 for the new plumbing locations. No material is anticipated to be imported for this work.

Groundwater is not expected to be encountered; however, if groundwater or stormwater accumulates in excavations and needs to be removed it will be containerized. All liquids to be removed from the site will be handled, transported and disposed in accordance with the Site Management Plan (SMP) and applicable local, State, and Federal regulations. It is anticipated that groundwater will be sampled, treated if necessary and discharged to the local sewer authority.

Summary of Environmental Conditions Anticipated to be Encountered

Based on previous assessments, the following conditions are anticipated:

- *Soil and Fill Materials* – No data is known of the soil and fill materials beneath the slab in the work area. No impacts are anticipated as the area of soil impacts that were remediated were located outside the footprint of the building.

- *Groundwater* – Groundwater is not anticipated to be encountered as the elevation of the proposed excavations is greater than 10 ft above the overburden groundwater table.

- *Soil Vapor* – No soil vapor issues are anticipated within the work area.

Schedule

The current anticipated schedule is as follows (pending NYSDEC approval/concurrence):

- Plumbing and Columns Installation
    - As soon as approved by the NYSDEC

Excavation Work Plan (EWP)

All aspects of the existing Site Management Plan (SMP) will be followed for completing the excavation work. The most pertinent items from the SMP are summarized below; however, the full SMP should be referenced for all requirements.

During all soil/fill disturbances, soils will be assessed for visible and olfactory indications of impairment, including the presence of fill material by a qualified environmental professional. Types of fill materials and depths of such materials, if encountered, will be documented by a qualified environmental professional. Soils/fill encountered in contact with groundwater will be screened for indication of detectable VOCs with a photoionization detector (PID). Excavated materials will be placed in dumpster pending characterization and disposal.

The NYSDOH Generic Community Air Monitoring Plan (CAMP) will be followed during all ground intrusive work. Two air monitoring locations, one upwind and one downwind from the excavation activities will be set up preceding any intrusive work. Exceedances of action levels listed in the CAMP will be recorded. Dust suppression will be completed as necessary as defined in the SMP.

All necessary means will be employed to prevent on- and off-site odor nuisances. If necessary, area of open excavations will be limited; excavations will be shrouded with tarps or covers; and foams used to cover odorous soils. If odors cannot be controlled, soils will be directly loaded for off-site disposal; chemical odorants and sprays will be used; staff will monitor odors in surrounding areas; and a temporary containment structure can be constructed with air venting/filtering systems. If control cannot be achieved, intrusive work (excavation and soil management) will stop until effective measures are in place.

Compliance with the SMP

All parties working at the Site are aware of and have been provided a copy of the SMP and the requirements of 29 CFR 1910.120. All work will be completed in accordance with these requirements.

Disposal Facilities

Soil and fill materials that are anticipated to need to be disposed of off-site will be transported and disposed in accordance with all local, State and Federal Regulations. All transport of regulated materials and characterized wastes will be performed by licensed haulers in properly placarded trucks in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Concrete is anticipated to be recycled at the Dolomite facility in Rochester, New York.

Imported Materials

No imported materials are anticipated as part of the project. If imported materials are brought to the Site, they will be documented and approved in accordance with the SMP and the type and quantity will be provided to the NYSDEC

If you have any questions, please do not hesitate to contact me at (585) 295-6253.

Sincerely,

LABELLA ASSOCIATES, D.P.C.

Michael F. Pelychaty

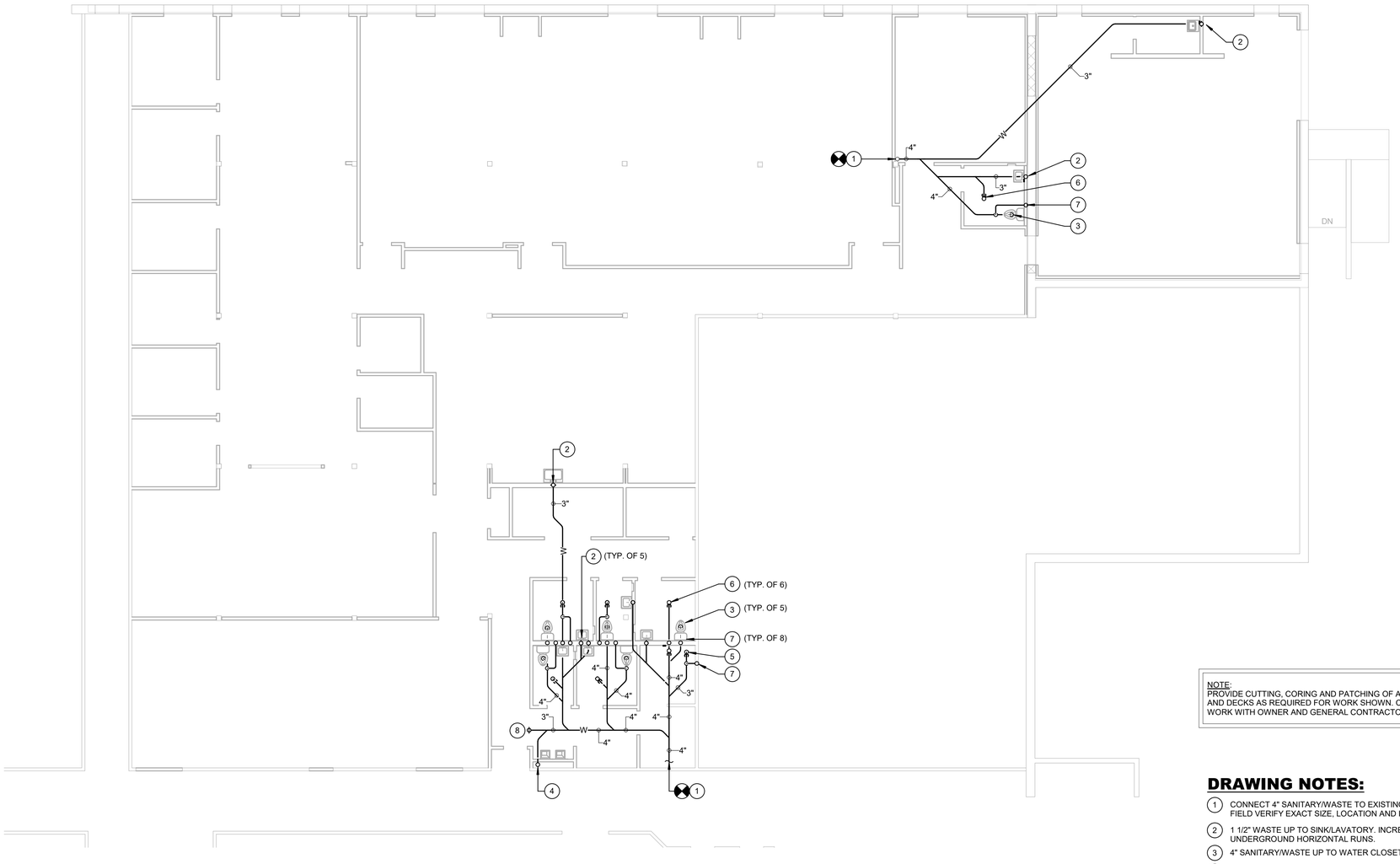
Michael F. Pelychaty, PG
Sr. Environmental Geologist

cc: Allan Stern (Site Owner)
Jessica Christensen (The Pike Company)

Attachment 1: Plumbing and Column Plans

ATTACHMENT 1

PLUMBING AND COLUMNS PLANS



1 FOUNDATION PLAN
1/8" = 1'-0"

NOTE:
PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER AND GENERAL CONTRACTOR.

DRAWING NOTES:

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5. 3" WASTE (WITH TRAP) UP TO MOP SERVICE SINK.
6. 3" WASTE (WITH TRAP) UP TO FLOOR DRAIN.
7. 2" VENT UP.
8. UP TO DECK PLATE CLEANOUT.

hbt
ARCHITECTS
2 ELTON STREET | ROCHESTER NY 14607
585.586.0490

CONSULTANTS:

EC4B engineering, p.c.
15 Schoen Place
Suite 300
Pittsford, NY 14534
Phone: (585) 641-7121
Fax: (585) 362-4175
www.ec4b.com

PERMIT, PRICING SET

REVISIONS:

NUMBER	DATE	ISSUED BY	DESCRIPTION

PROJECT:
COLGATE ROCHESTER CROZER DIVINITY SCHOOL
320 GOODMAN ST. SUITE 206, 207 ROCHESTER, NY 14607

DRAWING TITLE:
FOUNDATION PLAN

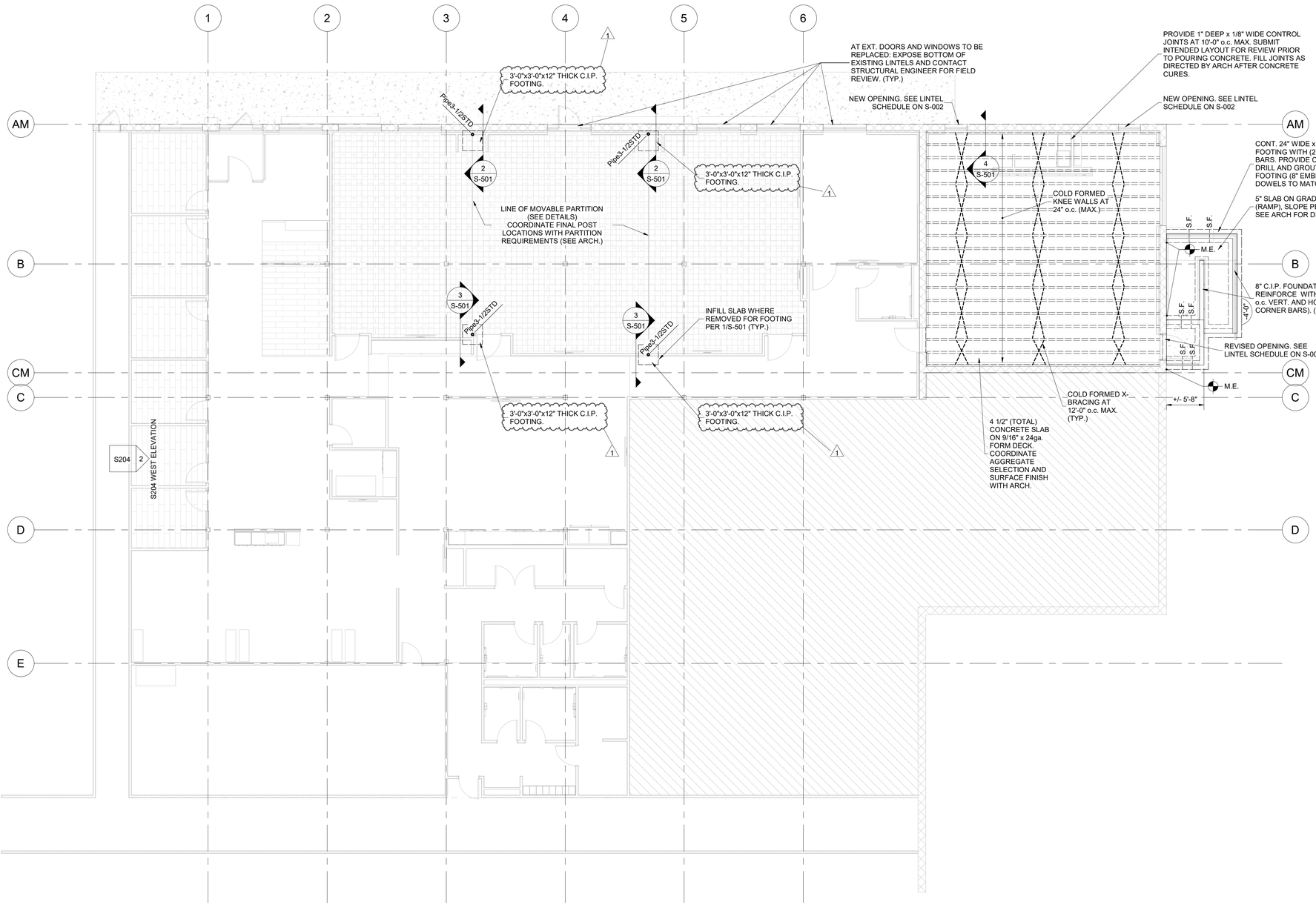
PROJECT NO.
2018-11-02

PROJECT DATE:
MARCH 6, 2019

P-100

NOTES

1. DATUM ELEVATION = FINISHED GROUND FLOOR = 0'-0" (XXX' - X")
2. REFER TO S001 AND S002 FOR GENERAL NOTES.
3. (+/-) X'-XX" DENOTES TOP OF FOOTING ELEVATION WITH RESPECT TO DATUM.
4. CONCRETE SLAB ON GRADE IS 5" NORMAL WEIGHT CONCRETE COMPACTED SUBBASE. REINFORCE SLAB WITH W2.9XW2.9 6"X6" WWF OR 5 LBS/CY STRUX/90 (GRACE) OR FORTA-FERRO (FORTA) MACRO-FIBER REINFORCEMENT.



COLUMN AND SLAB PLAN

1/8" = 1'-0"

N

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PERMIT, PRICING SET

REVISIONS:

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320 GOODMAN ST. SUITE 206, 207
ROCHESTER, NY 14607

DRAWING TITLE:

FIRST FLOOR STRUCTURAL PLAN

PROJECT NO.
2018-11-02

PROJECT DATE:
MARCH 6, 2019

S-100

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 0-50

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

One composite soil sample was collected from soil that was removed from beneath the building slab at the northeast portion of the site building for the installation of new plumbing and columns as part of a renovation project.

Composite sample was tested for VOC, SVOC, Metals, PCBs, and Pesticides as summarized on attached Tables 1-5 and laboratory report L1918492.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Not Applicable

Location where fill was obtained:

Beneath building slab at northeast portion of site building

Identification of any state or local approvals as a fill source:

Not Applicable

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Investigations at the site identified petroleum storage tanks and impacted soil and groundwater. Impacted soil was removed and remediated in a biocell.

Provide a list of supporting documentation included with this request:

Laboratory Report L1918492

The information provided on this form is accurate and complete.

Michael F. Pelychaty

Signature

5/15/2019

Date

Michael F. Pelychaty

Print Name

LaBella Associates, DPC

Firm

Revised August 2014

Table 1

Volatile Organic Compound Sample Results

NYSDEC BCP Site #C828115, Former Rochester Drug Cooperative

320 North Goodman Street, Rochester, New York

LOCATION	CAS #	Units	6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercial Site	6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives	COMP01-20190503	
SAMPLING DATE					5/3/2019	
LAB SAMPLE ID					L1918492-01	
Volatile Organic Compounds						
Methylene chloride	75-09-2	mg/kg	500	0.05	0.0048	U
1,1-Dichloroethane	75-34-3	mg/kg	240	0.27	0.00095	U
Chloroform	67-66-3	mg/kg	350	0.37	0.0014	U
Carbon tetrachloride	56-23-5	mg/kg	22	0.76	0.00095	U
1,2-Dichloropropane	78-87-5	mg/kg	NL	NL	0.00095	U
Dibromochloromethane	124-48-1	mg/kg	NL	NL	0.00095	U
1,1,2-Trichloroethane	79-00-5	mg/kg	NL	NL	0.00095	U
Tetrachloroethene	127-18-4	mg/kg	150	1.3	0.00048	U
Chlorobenzene	108-90-7	mg/kg	500	1.1	0.00048	U
Trichlorofluoromethane	75-69-4	mg/kg	NL	NL	0.0038	U
1,2-Dichloroethane	107-06-2	mg/kg	30	0.02	0.00095	U
1,1,1-Trichloroethane	71-55-6	mg/kg	500	0.68	0.00048	U
Bromodichloromethane	75-27-4	mg/kg	NL	NL	0.00048	U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NL	NL	0.00095	U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NL	NL	0.00048	U
Bromoform	75-25-2	mg/kg	NL	NL	0.0038	U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	NL	NL	0.00048	U
Benzene	71-43-2	mg/kg	44	0.06	0.00048	U
Toluene	108-88-3	mg/kg	500	0.7	0.00095	U
Ethylbenzene	100-41-4	mg/kg	390	1	0.00095	U
Chloromethane	74-87-3	mg/kg	NL	NL	0.0038	U
Bromomethane	74-83-9	mg/kg	NL	NL	0.0019	U
Vinyl chloride	75-01-4	mg/kg	13	0.02	0.00095	U
Chloroethane	75-00-3	mg/kg	NL	NL	0.0019	U
1,1-Dichloroethene	75-35-4	mg/kg	500	0.33	0.00095	U
trans-1,2-Dichloroethene	156-60-5	mg/kg	500	0.19	0.0014	U
Trichloroethene	79-01-6	mg/kg	200	0.47	0.00048	U
1,2-Dichlorobenzene	95-50-1	mg/kg	500	1.1	0.0019	U
1,3-Dichlorobenzene	541-73-1	mg/kg	280	2.4	0.0019	U
1,4-Dichlorobenzene	106-46-7	mg/kg	130	1.8	0.0019	U
Methyl tert butyl ether	1634-04-4	mg/kg	500	0.93	0.00057	J
p/m-Xylene	179601-23-1	mg/kg	NL	NL	0.0019	U
o-Xylene	95-47-6	mg/kg	NL	NL	0.00095	U
cis-1,2-Dichloroethene	156-59-2	mg/kg	500	0.25	0.00095	U
Styrene	100-42-5	mg/kg	NL	NL	0.00095	U
Dichlorodifluoromethane	75-71-8	mg/kg	NL	NL	0.0095	U
Acetone	67-64-1	mg/kg	500	0.05	0.019	
Carbon disulfide	75-15-0	mg/kg	NL	NL	0.0095	U
2-Butanone	78-93-3	mg/kg	500	0.12	0.0095	U
4-Methyl-2-pentanone	108-10-1	mg/kg	NL	NL	0.0095	U
2-Hexanone	591-78-6	mg/kg	NL	NL	0.0095	U
1,2-Dibromoethane	106-93-4	mg/kg	NL	NL	0.00095	U
n-Butylbenzene	104-51-8	mg/kg	500	12	0.00095	U
sec-Butylbenzene	135-98-8	mg/kg	500	11	0.00095	U
tert-Butylbenzene	98-06-6	mg/kg	500	5.9	0.0019	U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	NL	NL	0.0029	U
Isopropylbenzene	98-82-8	mg/kg	NL	NL	0.00095	U
p-Isopropyltoluene	99-87-6	mg/kg	NL	NL	0.00095	U
Naphthalene	91-20-3	mg/kg	500	12	0.00081	J
n-Propylbenzene	103-65-1	mg/kg	500	3.9	0.00095	U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	NL	NL	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	190	8.4	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	190	3.6	0.0019	U
Methyl Acetate	79-20-9	mg/kg	NL	NL	0.0038	U
Cyclohexane	110-82-7	mg/kg	NL	NL	0.0095	U
Freon-113	76-13-1	mg/kg	NL	NL	0.0038	U
Methyl cyclohexane	108-87-2	mg/kg	NL	NL	0.0038	U

Notes:
mg/kg - milligrams per kilogram
U - Non Detect below laboratory method detection limit
J denotes the result is estimated
NL denotes Not Listed

Table 2

Semi-Volatile Organic Compound Sample Results

NYSDEC BCP Site #C828115, Former Rochester Drug Cooperative

320 North Goodman Street, Rochester, New York

LOCATION	CAS #	Units	6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercial Site	6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives	COMP01-20190503	
SAMPLING DATE					5/3/2019	
LAB SAMPLE ID					L1918492-01	
Semi-Volatile Organic Compounds (SVOCs)						
Acenaphthene	83-32-9	mg/kg	500	20	0.082	J
Hexachlorobenzene	118-74-1	mg/kg	6	0.33	0.1	U
Bis(2-chloroethyl)ether	111-44-4	mg/kg	NL	NL	0.15	U
2-Chloronaphthalene	91-58-7	mg/kg	NL	NL	0.17	U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	NL	NL	0.17	U
2,4-Dinitrotoluene	121-14-2	mg/kg	NL	NL	0.17	U
2,6-Dinitrotoluene	606-20-2	mg/kg	NL	NL	0.17	U
Fluoranthene	206-44-0	mg/kg	500	100	1.3	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	NL	NL	0.17	U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	NL	NL	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	mg/kg	NL	NL	0.2	U
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	NL	NL	0.18	U
Hexachlorobutadiene	87-68-3	mg/kg	NL	NL	0.17	U
Hexachlorocyclopentadiene	77-47-4	mg/kg	NL	NL	0.48	U
Hexachloroethane	67-72-1	mg/kg	NL	NL	0.14	U
Isophorone	78-59-1	mg/kg	NL	NL	0.15	U
Naphthalene	91-20-3	mg/kg	500	12	0.083	J
Nitrobenzene	98-95-3	mg/kg	NL	NL	0.15	U
NDPA/DPA	86-30-6	mg/kg	NL	NL	0.14	U
n-Nitrosodi-n-propylamine	621-64-7	mg/kg	NL	NL	0.17	U
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	NL	NL	0.075	J
Butyl benzyl phthalate	85-68-7	mg/kg	NL	NL	0.17	U
Di-n-butylphthalate	84-74-2	mg/kg	NL	NL	0.17	U
Di-n-octylphthalate	117-84-0	mg/kg	NL	NL	0.17	U
Diethyl phthalate	84-66-2	mg/kg	NL	NL	0.17	U
Dimethyl phthalate	131-11-3	mg/kg	NL	NL	0.17	U
Benzo(a)anthracene	56-55-3	mg/kg	5.6	1	0.58	
Benzo(a)pyrene	50-32-8	mg/kg	1	1	0.59	
Benzo(b)fluoranthene	205-99-2	mg/kg	5.6	1	0.73	
Benzo(k)fluoranthene	207-08-9	mg/kg	56	0.8	0.21	
Chrysene	218-01-9	mg/kg	56	1	0.51	
Acenaphthylene	208-96-8	mg/kg	500	100	0.04	J
Anthracene	120-12-7	mg/kg	500	100	0.28	
Benzo(ghi)perylene	191-24-2	mg/kg	500	100	0.36	
Fluorene	86-73-7	mg/kg	500	30	0.084	J
Phenanthrene	85-01-8	mg/kg	500	100	0.95	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.56	0.33	0.089	J
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	5.6	0.5	0.38	
Pyrene	129-00-0	mg/kg	500	100	1.1	
Biphenyl	92-52-4	mg/kg	NL	NL	0.38	U
4-Chloroaniline	106-47-8	mg/kg	NL	NL	0.17	U
2-Nitroaniline	88-74-4	mg/kg	NL	NL	0.17	U
3-Nitroaniline	99-09-2	mg/kg	NL	NL	0.17	U
4-Nitroaniline	100-01-6	mg/kg	NL	NL	0.17	U
Dibenzofuran	132-64-9	mg/kg	350	7	0.08	J
2-Methylnaphthalene	91-57-6	mg/kg	NL	NL	0.045	J
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	NL	NL	0.17	U
Acetophenone	98-86-2	mg/kg	NL	NL	0.17	U
2,4,6-Trichlorophenol	88-06-2	mg/kg	NL	NL	0.1	U
p-Chloro-m-cresol	59-50-7	mg/kg	NL	NL	0.17	U
2-Chlorophenol	95-57-8	mg/kg	NL	NL	0.17	U
2,4-Dichlorophenol	120-83-2	mg/kg	NL	NL	0.15	U
2,4-Dimethylphenol	105-67-9	mg/kg	NL	NL	0.17	U
2-Nitrophenol	88-75-5	mg/kg	NL	NL	0.36	U
4-Nitrophenol	100-02-7	mg/kg	NL	NL	0.24	U
2,4-Dinitrophenol	51-28-5	mg/kg	NL	NL	0.81	U
4,6-Dinitro-o-cresol	534-52-1	mg/kg	NL	NL	0.44	U
Pentachlorophenol	87-86-5	mg/kg	6.7	0.8	0.14	U
Phenol	108-95-2	mg/kg	500	0.33	0.17	U
2-Methylphenol	95-48-7	mg/kg	500	0.33	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	500	0.33	0.24	U
2,4,5-Trichlorophenol	95-95-4	mg/kg	NL	NL	0.17	U
Carbazole	86-74-8	mg/kg	NL	NL	0.11	J
Atrazine	1912-24-9	mg/kg	NL	NL	0.14	U
Benzaldehyde	100-52-7	mg/kg	NL	NL	0.22	U
Caprolactam	105-60-2	mg/kg	NL	NL	0.17	U
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg	NL	NL	0.17	U

Notes:
mg/kg - milligrams per kilogram
U - Non Detect below laboratory method detection limit
J denotes the result is estimated
NL denotes Not Listed

Table 3

Metals Sample Results

NYSDEC BCP Site #C828115, Former Rochester Drug Cooperative

320 North Goodman Street, Rochester, New York

LOCATION	CAS #	Units	6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercial Site	6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives	COMP01-20190503	
SAMPLING DATE					5/3/2019	
LAB SAMPLE ID					L1918492-01	
Metals						
Aluminum, Total	7429-90-5	mg/kg	NL	NL	4540	
Antimony, Total	7440-36-0	mg/kg	NL	NL	0.781	J
Arsenic, Total	7440-38-2	mg/kg	16	13	3.49	
Barium, Total	7440-39-3	mg/kg	400	350	41.8	
Beryllium, Total	7440-41-7	mg/kg	590	7.2	0.174	J
Cadmium, Total	7440-43-9	mg/kg	9.3	2.5	0.789	U
Calcium, Total	7440-70-2	mg/kg	NL	NL	29200	
Chromium, Total	7440-47-3	mg/kg	1500	30	7.5	
Cobalt, Total	7440-48-4	mg/kg	NL	NL	3.77	
Copper, Total	7440-50-8	mg/kg	270	50	47.4	
Iron, Total	7439-89-6	mg/kg	NL	NL	11600	
Lead, Total	7439-92-1	mg/kg	1000	63	55.8	
Magnesium, Total	7439-95-4	mg/kg	NL	NL	5990	
Manganese, Total	7439-96-5	mg/kg	10000	1600	414	
Mercury, Total	7439-97-6	mg/kg	2.8	0.18	**0.348**	
Nickel, Total	7440-02-0	mg/kg	310	30	7.09	
Potassium, Total	7440-09-7	mg/kg	NL	NL	713	
Selenium, Total	7782-49-2	mg/kg	1500	3.9	0.442	J
Silver, Total	7440-22-4	mg/kg	1500	2	0.789	U
Sodium, Total	7440-23-5	mg/kg	NL	NL	199	
Thallium, Total	7440-28-0	mg/kg	NL	NL	1.58	U
Vanadium, Total	7440-62-2	mg/kg	NL	NL	14	
Zinc, Total	7440-66-6	mg/kg	10000	109	93.2	

Notes:

mg/kg - milligrams per kilogram

U - Non Detect below laboratory method detection limit

J denotes the result is estimated

Bold denotes results was detected above the 6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective

NL denotes Not Listed

Table 4

PCB Sample Results

NYSDEC BCP Site #C828115, Former Rochester Drug Cooperative

320 North Goodman Street, Rochester, New York

LOCATION	CAS #	Units	6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercual Site	6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives	COMP01-20190503	
SAMPLING DATE					5/3/2019	
LAB SAMPLE ID					L1918492-01	
Polychlorinated Biphenyls (PCBs)						
Aroclor 1016	12674-11-2	mg/kg	1	0.1	0.034	U
Aroclor 1221	11104-28-2	mg/kg	1	0.1	0.034	U
Aroclor 1232	11141-16-5	mg/kg	1	0.1	0.034	U
Aroclor 1242	53469-21-9	mg/kg	1	0.1	0.034	U
Aroclor 1248	12672-29-6	mg/kg	1	0.1	0.0168	J
Aroclor 1254	11097-69-1	mg/kg	1	0.1	0.034	U
Aroclor 1260	11096-82-5	mg/kg	1	0.1	0.034	U
Aroclor 1262	37324-23-5	mg/kg	1	0.1	0.034	U
Aroclor 1268	11100-14-4	mg/kg	1	0.1	0.034	U
PCBs, Total	1336-36-3	mg/kg	1	0.1	0.0168	J

Notes:
mg/kg - milligrams per kilogram
U - Non Detect below laboratory method detection limit
J denotes the result is estimated
NL denotes Not Listed

Table 5

Pesticide Sample Results

NYSDEC BCP Site #C828115, Former Rochester Drug Cooperative

320 North Goodman Street, Rochester, New York

LOCATION	CAS #	Units	6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives for a Commercial Site	6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives	COMP01-20190503	
SAMPLING DATE					5/3/2019	
LAB SAMPLE ID					L1918492-01	
Pesticides						
Delta-BHC	319-86-8	mg/kg	500	0.04	0.00162	U
Lindane	58-89-9	mg/kg	9.2	0.1	0.000676	U
Alpha-BHC	319-84-6	mg/kg	3.4	0.02	0.000676	U
Beta-BHC	319-85-7	mg/kg	3	0.036	0.00162	U
Heptachlor	76-44-8	mg/kg	15	0.042	0.000811	U
Aldrin	309-00-2	mg/kg	0.68	0.005	0.00162	U
Heptachlor epoxide	1024-57-3	mg/kg	NL	NL	0.00304	U
Endrin	72-20-8	mg/kg	89	0.014	0.000676	U
Endrin aldehyde	7421-93-4	mg/kg	NL	NL	0.00203	U
Endrin ketone	53494-70-5	mg/kg	NL	NL	0.00162	U
Dieldrin	60-57-1	mg/kg	1.4	0.005	0.00101	U
4,4'-DDE	72-55-9	mg/kg	62	0.0033	0.00162	U
4,4'-DDD	72-54-8	mg/kg	92	0.0033	0.00162	U
4,4'-DDT	50-29-3	mg/kg	47	0.0033	0.00304	U
Endosulfan I	959-98-8	mg/kg	200	2.4	0.00162	U
Endosulfan II	33213-65-9	mg/kg	200	2.4	0.00162	U
Endosulfan sulfate	1031-07-8	mg/kg	200	2.4	0.000676	U
Methoxychlor	72-43-5	mg/kg	NL	NL	0.00304	U
Toxaphene	8001-35-2	mg/kg	NL	NL	0.0304	U
cis-Chlordane	5103-71-9	mg/kg	24	0.094	0.00203	U
trans-Chlordane	5103-74-2	mg/kg	NL	NL	0.00203	U
Chlordane	57-74-9	mg/kg	NL	NL	0.0132	U

Notes:
mg/kg - milligrams per kilogram
U - Non Detect below laboratory method detection limit
NL denotes Not Listed

ANALYTICAL REPORT

Lab Number:	L1918492
Client:	LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614
ATTN:	Mike Pelychaty
Phone:	(585) 295-6253
Project Name:	FMR ROCHESTER DRAG LOOP
Project Number:	211352
Report Date:	05/14/19

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1918492-01	COMP01-20190503	SOIL	820 W. GOODMAN ST.	05/03/19 12:15	05/03/19

Project Name:	FMR ROCHESTER DRAG LOOP	**Lab Number:**	L1918492
Project Number:	211352	**Report Date:**	05/14/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492
Project Number: 211352 **Report Date:** 05/14/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L1918492-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Amita Naik

Title: Technical Director/Representative Date: 05/14/19

ORGANICS

VOLATILES

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01
Client ID: COMP01-20190503
Sample Location: 820 W. GOODMAN ST.

Date Collected: 05/03/19 12:15
Date Received: 05/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/10/19 16:18
Analyst: PK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01 Date Collected: 05/03/19 12:15

Client ID: COMP01-20190503 Date Received: 05/03/19

Sample Location: 820 W. GOODMAN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	0.57	J	ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	19		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	0.81	J	ug/kg	3.8	0.62	1
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/10/19 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1235850-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/10/19 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1235850-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/10/19 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1235850-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1235850-3 WG1235850-4								
Methylene chloride	102		101		70-130	1		30
1,1-Dichloroethane	102		100		70-130	2		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	96		94		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	100		100		70-130	0		30
Trichlorofluoromethane	98		96		70-139	2		30
1,2-Dichloroethane	88		88		70-130	0		30
1,1,1-Trichloroethane	98		96		70-130	2		30
Bromodichloromethane	94		94		70-130	0		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	102		101		70-130	1		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	100		102		70-130	2		30
Benzene	105		103		70-130	2		30
Toluene	103		100		70-130	3		30
Ethylbenzene	103		101		70-130	2		30
Chloromethane	96		94		52-130	2		30
Bromomethane	128		125		57-147	2		30
Vinyl chloride	104		100		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1235850-3 WG1235850-4								
Chloroethane	105		102		50-151	3		30
1,1-Dichloroethene	110		107		65-135	3		30
trans-1,2-Dichloroethene	106		104		70-130	2		30
Trichloroethene	100		98		70-130	2		30
1,2-Dichlorobenzene	99		98		70-130	1		30
1,3-Dichlorobenzene	101		99		70-130	2		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	97		98		66-130	1		30
p/m-Xylene	105		104		70-130	1		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	102		101		70-130	1		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	95		91		30-146	4		30
Acetone	100		97		54-140	3		30
Carbon disulfide	108		105		59-130	3		30
2-Butanone	89		90		70-130	1		30
4-Methyl-2-pentanone	101		101		70-130	0		30
2-Hexanone	94		95		70-130	1		30
1,2-Dibromoethane	97		98		70-130	1		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	105		102		70-130	3		30
1,2-Dibromo-3-chloropropane	94		93		68-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1235850-3 WG1235850-4								
Isopropylbenzene	108		105		70-130	3		30
p-Isopropyltoluene	107		104		70-130	3		30
Naphthalene	99		99		70-130	0		30
n-Propylbenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	102		101		70-130	1		30
1,3,5-Trimethylbenzene	104		102		70-130	2		30
1,2,4-Trimethylbenzene	105		102		70-130	3		30
Methyl Acetate	93		95		51-146	2		30
Cyclohexane	112		109		59-142	3		30
Freon-113	109		104		50-139	5		30
Methyl cyclohexane	110		106		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		90		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	94		94		70-130

SEMIVOLATILES

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01
Client ID: COMP01-20190503
Sample Location: 820 W. GOODMAN ST.

Date Collected: 05/03/19 12:15
Date Received: 05/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/14/19 10:44
Analyst: EK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 05/11/19 10:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	82	J	ug/kg	140	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	1300		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	83	J	ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	75	J	ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	580		ug/kg	100	19.	1
Benzo(a)pyrene	590		ug/kg	140	41.	1

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01 Date Collected: 05/03/19 12:15

Client ID: COMP01-20190503 Date Received: 05/03/19

Sample Location: 820 W. GOODMAN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	730		ug/kg	100	28.	1
Benzo(k)fluoranthene	210		ug/kg	100	27.	1
Chrysene	510		ug/kg	100	18.	1
Acenaphthylene	40	J	ug/kg	140	26.	1
Anthracene	280		ug/kg	100	33.	1
Benzo(ghi)perylene	360		ug/kg	140	20.	1
Fluorene	84	J	ug/kg	170	16.	1
Phenanthrene	950		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	89	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	140	24.	1
Pyrene	1100		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	80	J	ug/kg	170	16.	1
2-Methylnaphthalene	45	J	ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	110	J	ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01 Date Collected: 05/03/19 12:15

Client ID: COMP01-20190503 Date Received: 05/03/19

Sample Location: 820 W. GOODMAN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	86		18-120

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/13/19 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/11/19 04:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1236055-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/13/19 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/11/19 04:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1236055-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	37.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/13/19 13:42
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/11/19 04:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1236055-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1236055-2 WG1236055-3								
Acenaphthene	96		82		31-137	16		50
Hexachlorobenzene	106		87		40-140	20		50
Bis(2-chloroethyl)ether	95		80		40-140	17		50
2-Chloronaphthalene	108		89		40-140	19		50
3,3'-Dichlorobenzidine	82		70		40-140	16		50
2,4-Dinitrotoluene	114		93		40-132	20		50
2,6-Dinitrotoluene	118		95		40-140	22		50
Fluoranthene	116		93		40-140	22		50
4-Chlorophenyl phenyl ether	97		83		40-140	16		50
4-Bromophenyl phenyl ether	103		88		40-140	16		50
Bis(2-chloroisopropyl)ether	76		64		40-140	17		50
Bis(2-chloroethoxy)methane	101		83		40-117	20		50
Hexachlorobutadiene	100		88		40-140	13		50
Hexachlorocyclopentadiene	120		105		40-140	13		50
Hexachloroethane	96		85		40-140	12		50
Isophorone	110		90		40-140	20		50
Naphthalene	102		86		40-140	17		50
Nitrobenzene	111		91		40-140	20		50
NDPA/DPA	101		84		36-157	18		50
n-Nitrosodi-n-propylamine	109		89		32-121	20		50
Bis(2-ethylhexyl)phthalate	92		81		40-140	13		50
Butyl benzyl phthalate	101		81		40-140	22		50
Di-n-butylphthalate	116		99		40-140	16		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1236055-2 WG1236055-3								
Di-n-octylphthalate	98		85		40-140	14		50
Diethyl phthalate	98		82		40-140	18		50
Dimethyl phthalate	114		92		40-140	21		50
Benzo(a)anthracene	111		94		40-140	17		50
Benzo(a)pyrene	106		91		40-140	15		50
Benzo(b)fluoranthene	112		96		40-140	15		50
Benzo(k)fluoranthene	104		89		40-140	16		50
Chrysene	99		85		40-140	15		50
Acenaphthylene	118		96		40-140	21		50
Anthracene	113		96		40-140	16		50
Benzo(ghi)perylene	108		97		40-140	11		50
Fluorene	100		84		40-140	17		50
Phenanthrene	103		88		40-140	16		50
Dibenzo(a,h)anthracene	108		96		40-140	12		50
Indeno(1,2,3-cd)pyrene	93		84		40-140	10		50
Pyrene	113		90		35-142	23		50
Biphenyl	**111**	Q	92		54-104	19		50
4-Chloroaniline	76		58		40-140	27		50
2-Nitroaniline	122		97		47-134	23		50
3-Nitroaniline	85		70		26-129	19		50
4-Nitroaniline	105		81		41-125	26		50
Dibenzofuran	97		82		40-140	17		50
2-Methylnaphthalene	107		89		40-140	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1236055-2 WG1236055-3								
1,2,4,5-Tetrachlorobenzene	112		94		40-117	17		50
Acetophenone	113		93		14-144	19		50
2,4,6-Trichlorophenol	**133**	Q	108		30-130	21		50
p-Chloro-m-cresol	**120**	Q	96		26-103	22		50
2-Chlorophenol	**109**	Q	90		25-102	19		50
2,4-Dichlorophenol	121		96		30-130	23		50
2,4-Dimethylphenol	113		89		30-130	24		50
2-Nitrophenol	127		104		30-130	20		50
4-Nitrophenol	105		84		11-114	22		50
2,4-Dinitrophenol	110		96		4-130	14		50
4,6-Dinitro-o-cresol	**140**	Q	114		10-130	20		50
Pentachlorophenol	101		81		17-109	22		50
Phenol	**100**	Q	80		26-90	22		50
2-Methylphenol	109		88		30-130.	21		50
3-Methylphenol/4-Methylphenol	114		90		30-130	24		50
2,4,5-Trichlorophenol	125		100		30-130	22		50
Carbazole	111		92		54-128	19		50
Atrazine	115		94		40-140	20		50
Benzaldehyde	105		88		40-140	18		50
Caprolactam	101		80		15-130	23		50
2,3,4,6-Tetrachlorophenol	115		96		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1236055-2 WG1236055-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	105		87		25-120
Phenol-d6	105		84		10-120
Nitrobenzene-d5	116		95		23-120
2-Fluorobiphenyl	106		89		30-120
2,4,6-Tribromophenol	120		98		10-136
4-Terphenyl-d14	109		87		18-120

PCBS

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01
Client ID: COMP01-20190503
Sample Location: 820 W. GOODMAN ST.

Date Collected: 05/03/19 12:15
Date Received: 05/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/14/19 02:03
Analyst: WR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 05/11/19 10:41
Cleanup Method: EPA 3665A
Cleanup Date: 05/11/19
Cleanup Method: EPA 3660B
Cleanup Date: 05/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	16.8	J	ug/kg	34.0	5.10	1	B
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	16.8	J	ug/kg	34.0	3.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/11/19 19:05
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 05/11/19 01:59
Cleanup Method: EPA 3665A
Cleanup Date: 05/11/19
Cleanup Method: EPA 3660B
Cleanup Date: 05/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1236033-1						
Aroclor 1016	ND		ug/kg	31.5	2.80	A
Aroclor 1221	ND		ug/kg	31.5	3.15	A
Aroclor 1232	ND		ug/kg	31.5	6.68	A
Aroclor 1242	ND		ug/kg	31.5	4.24	A
Aroclor 1248	ND		ug/kg	31.5	4.72	A
Aroclor 1254	ND		ug/kg	31.5	3.44	A
Aroclor 1260	ND		ug/kg	31.5	5.82	A
Aroclor 1262	ND		ug/kg	31.5	4.00	A
Aroclor 1268	ND		ug/kg	31.5	3.26	A
PCBs, Total	ND		ug/kg	31.5	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1236033-2 WG1236033-3									
Aroclor 1016	78		76		40-140	3		50	A
Aroclor 1260	60		63		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		79		30-150	A
Decachlorobiphenyl	61		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	B
Decachlorobiphenyl	63		59		30-150	B

PESTICIDES

Project Name: FMR ROCHESTER DRAG LOOP
Lab Number: L1918492
Project Number: 211352
Report Date: 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01
Client ID: COMP01-20190503
Sample Location: 820 W. GOODMAN ST.

Date Collected: 05/03/19 12:15
Date Received: 05/03/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/13/19 17:55
Analyst: KB
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 05/11/19 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 05/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.676	0.302	1	A
Alpha-BHC	ND		ug/kg	0.676	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.615	1	A
Heptachlor	ND		ug/kg	0.811	0.363	1	A
Aldrin	ND		ug/kg	1.62	0.571	1	A
Heptachlor epoxide	ND		ug/kg	3.04	0.912	1	A
Endrin	ND		ug/kg	0.676	0.277	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.709	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	ND		ug/kg	1.01	0.507	1	A
4,4'-DDE	ND		ug/kg	1.62	0.375	1	A
4,4'-DDD	ND		ug/kg	1.62	0.578	1	A
4,4'-DDT	ND		ug/kg	3.04	1.30	1	A
Endosulfan I	ND		ug/kg	1.62	0.383	1	A
Endosulfan II	ND		ug/kg	1.62	0.542	1	A
Endosulfan sulfate	ND		ug/kg	0.676	0.322	1	A
Methoxychlor	ND		ug/kg	3.04	0.946	1	A
Toxaphene	ND		ug/kg	30.4	8.51	1	A
cis-Chlordane	ND		ug/kg	2.03	0.565	1	A
trans-Chlordane	ND		ug/kg	2.03	0.535	1	A
Chlordane	ND		ug/kg	13.2	5.37	1	A

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01 Date Collected: 05/03/19 12:15

Client ID: COMP01-20190503 Date Received: 05/03/19

Sample Location: 820 W. GOODMAN ST. Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/13/19 12:44
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 05/11/19 00:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1236024-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.657	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	2.96	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	12.8	5.23	A

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/13/19 12:44
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 05/11/19 00:38
Cleanup Method: EPA 3620B
Cleanup Date: 05/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1236024-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	55		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1236024-2 WG1236024-3									
Delta-BHC	86		96		30-150	11		30	A
Lindane	83		89		30-150	7		30	A
Alpha-BHC	84		91		30-150	8		30	A
Beta-BHC	78		84		30-150	7		30	A
Heptachlor	50		56		30-150	11		30	A
Aldrin	63		70		30-150	11		30	A
Heptachlor epoxide	64		72		30-150	12		30	A
Endrin	78		85		30-150	9		30	A
Endrin aldehyde	66		73		30-150	10		30	A
Endrin ketone	82		88		30-150	7		30	A
Dieldrin	76		84		30-150	10		30	A
4,4'-DDE	69		74		30-150	7		30	A
4,4'-DDD	78		83		30-150	6		30	A
4,4'-DDT	80		87		30-150	8		30	A
Endosulfan I	65		70		30-150	7		30	A
Endosulfan II	75		81		30-150	8		30	A
Endosulfan sulfate	84		85		30-150	1		30	A
Methoxychlor	72		75		30-150	4		30	A
cis-Chlordane	60		65		30-150	8		30	A
trans-Chlordane	76		81		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1236024-2 WG1236024-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	B
Decachlorobiphenyl	87		92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		68		30-150	A
Decachlorobiphenyl	49		53		30-150	A

METALS

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01 Date Collected: 05/03/19 12:15

Client ID: COMP01-20190503 Date Received: 05/03/19

Sample Location: 820 W. GOODMAN ST. Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4540		mg/kg	7.89	2.13	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Antimony, Total	0.781	J	mg/kg	3.95	0.300	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Arsenic, Total	3.49		mg/kg	0.789	0.164	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Barium, Total	41.8		mg/kg	0.789	0.137	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Beryllium, Total	0.174	J	mg/kg	0.395	0.026	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.789	0.077	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Calcium, Total	29200		mg/kg	7.89	2.76	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Chromium, Total	7.50		mg/kg	0.789	0.076	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Cobalt, Total	3.77		mg/kg	1.58	0.131	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Copper, Total	47.4		mg/kg	0.789	0.204	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Iron, Total	11600		mg/kg	3.95	0.713	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Lead, Total	55.8		mg/kg	3.95	0.212	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Magnesium, Total	5990		mg/kg	7.89	1.22	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Manganese, Total	414		mg/kg	0.789	0.126	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Mercury, Total	0.348		mg/kg	0.065	0.014	1	05/07/19 05:00	05/07/19 15:07	EPA 7471B	1,7471B	GD
Nickel, Total	7.09		mg/kg	1.97	0.191	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Potassium, Total	713		mg/kg	197	11.4	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Selenium, Total	0.442	J	mg/kg	1.58	0.204	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.789	0.223	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Sodium, Total	199		mg/kg	158	2.49	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.58	0.249	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Vanadium, Total	14.0		mg/kg	0.789	0.160	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC
Zinc, Total	93.2		mg/kg	3.95	0.231	2	05/08/19 17:32	05/09/19 21:39	EPA 3050B	1,6010D	LC

Project Name: FMR ROCHESTER DRAG LOOP **Lab Number:** L1918492

Project Number: 211352 **Report Date:** 05/14/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1234238-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/07/19 05:00	05/07/19 14:38	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1235017-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Iron, Total	0.704	J	mg/kg	2.00	0.361	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Sodium, Total	1.60	J	mg/kg	80.0	1.26	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/08/19 17:32	05/09/19 20:23	1,6010D	LC

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1234238-2 SRM Lot Number: D101-540								
Mercury, Total	105		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1235017-2 SRM Lot Number: D101-540					
Aluminum, Total	69	-	50-151	-	
Antimony, Total	144	-	3-196	-	
Arsenic, Total	96	-	83-117	-	
Barium, Total	89	-	83-118	-	
Beryllium, Total	90	-	83-117	-	
Cadmium, Total	91	-	83-117	-	
Calcium, Total	87	-	81-119	-	
Chromium, Total	90	-	81-118	-	
Cobalt, Total	94	-	84-116	-	
Copper, Total	88	-	83-116	-	
Iron, Total	91	-	62-138	-	
Lead, Total	93	-	83-117	-	
Magnesium, Total	83	-	76-124	-	
Manganese, Total	86	-	82-118	-	
Nickel, Total	93	-	82-117	-	
Potassium, Total	82	-	71-130	-	
Selenium, Total	96	-	79-121	-	
Silver, Total	89	-	80-120	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	94	-	81-119	-	
Vanadium, Total	90	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1235017-2 SRM Lot Number: D101-540					
Zinc, Total	94	-	81-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1234238-3 QC Sample: L1918594-01 Client ID: MS Sample												
Mercury, Total	0.064J	0.14	0.285	**203**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1235017-3 QC Sample: L1918348-01 Client ID: MS Sample										
Aluminum, Total	2550	177	3370	**464**	Q	-	-	75-125	-	20
Antimony, Total	0.426J	44.2	41.6	94		-	-	75-125	-	20
Arsenic, Total	0.966	10.6	11.5	99		-	-	75-125	-	20
Barium, Total	6.72	177	189	103		-	-	75-125	-	20
Beryllium, Total	0.104J	4.42	4.44	100		-	-	75-125	-	20
Cadmium, Total	1.43	4.51	4.91	77		-	-	75-125	-	20
Calcium, Total	242	884	1190	107		-	-	75-125	-	20
Chromium, Total	4.52	17.7	22.6	102		-	-	75-125	-	20
Cobalt, Total	2.34	44.2	45.2	97		-	-	75-125	-	20
Copper, Total	4.75	22.1	27.2	102		-	-	75-125	-	20
Iron, Total	5990	88.4	7200	**1370**	Q	-	-	75-125	-	20
Lead, Total	8.07	45.1	51.9	97		-	-	75-125	-	20
Magnesium, Total	704	884	1700	113		-	-	75-125	-	20
Manganese, Total	93.0	44.2	152	**134**	Q	-	-	75-125	-	20
Nickel, Total	3.48	44.2	46.4	97		-	-	75-125	-	20
Potassium, Total	154J	884	1060	120		-	-	75-125	-	20
Selenium, Total	ND	10.6	10.4	98		-	-	75-125	-	20
Silver, Total	ND	26.5	25.5	96		-	-	75-125	-	20
Sodium, Total	76.7J	884	966	109		-	-	75-125	-	20
Thallium, Total	ND	10.6	9.62	91		-	-	75-125	-	20
Vanadium, Total	7.96	44.2	53.8	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1235017-3 QC Sample: L1918348-01 Client ID: MS Sample									
Zinc, Total	11.2	44.2	57.9	106	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1234238-4 QC Sample: L1918594-01 Client ID: DUP Sample						
Mercury, Total	0.064J	0.131	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1235017-4 QC Sample: L1918348-01 Client ID: DUP Sample					
Aluminum, Total	2550	2750	mg/kg	8	20
Antimony, Total	0.426J	0.452J	mg/kg	NC	20
Arsenic, Total	0.966	0.799J	mg/kg	NC	20
Barium, Total	6.72	7.49	mg/kg	11	20
Beryllium, Total	0.104J	0.113J	mg/kg	NC	20
Cadmium, Total	1.43	0.573J	mg/kg	NC	20
Calcium, Total	242	265	mg/kg	9	20
Chromium, Total	4.52	5.01	mg/kg	10	20
Cobalt, Total	2.34	2.25	mg/kg	4	20
Copper, Total	4.75	4.93	mg/kg	4	20
Iron, Total	5990	6320	mg/kg	5	20
Lead, Total	8.07	8.16	mg/kg	1	20
Magnesium, Total	704	796	mg/kg	12	20
Manganese, Total	93.0	106	mg/kg	13	20
Nickel, Total	3.48	3.63	mg/kg	4	20
Potassium, Total	154J	152J	mg/kg	NC	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	76.7J	45.8J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1235017-4 QC Sample: L1918348-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	7.96	8.21	mg/kg	3	20
Zinc, Total	11.2	11.2	mg/kg	0	20

INORGANICS
&
MISCELLANEOUS

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352
Lab Number: L1918492
Report Date: 05/14/19

SAMPLE RESULTS

Lab ID: L1918492-01
Client ID: COMP01-20190503
Sample Location: 820 W. GOODMAN ST.
Sample Depth:
Matrix: Soil

Date Collected: 05/03/19 12:15
Date Received: 05/03/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	05/04/19 13:11	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: FMR ROCHESTER DRAG LOOP

Project Number: 211352

Lab Number: L1918492

Report Date: 05/14/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1233633-1 QC Sample: L1918468-01 Client ID: DUP Sample						
Solids, Total	94.7	94.9	%	0		20

Project Name: FMR ROCHESTER DRAG LOOP
Project Number: 211352

Lab Number: L1918492
Report Date: 05/14/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1918492-01A	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1918492-01B	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1918492-01C	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1918492-01X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1918492-01Y	Vial Water preserved split	A	NA		3.2	Y	Absent	**09-MAY-19 09:31**	NYTCL-8260-R2(14)
L1918492-01Z	Vial Water preserved split	A	NA		3.2	Y	Absent	**09-MAY-19 09:31**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	FMR ROCHESTER DRAG LOOP	**Lab Number:**	L1918492
Project Number:	211352	**Report Date:**	05/14/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	FMR ROCHESTER DRAG LOOP	**Lab Number:**	L1918492
Project Number:	211352	**Report Date:**	05/14/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FMR ROCHESTER DRAG LOOP	**Lab Number:**	L1918492
Project Number:	211352	**Report Date:**	05/14/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 5/4/19

ALPHA Job #: L1918492

Client Information
Client: LaBella Associates
Address: 300 State St Rochester NY 14614
Phone: 585/295-6253
Fax:
Email: mpelychaty@labellapc.com

Project Information
Project Name: Former Rochester Drug Coop
Project Location: 320 N. Goodman st
Project #: 211352
(Use Project name as Project #)
Project Manager: Michael Pelychaty
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved): ☐
Due Date:
# of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other Standard

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP51 VOC	TCL+CP51 SVOC	TAL Metals	PCBs	Pesticides				Sample Specific Comments	Total Bottle
1492-01	COMP 01-20190503	5/3/19	1215	SOIL	GR	X	X	X	X	X					3

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	5/3/19 1330		5/3/19 13:30
	5/3/19 13:30		5/3/19 1335

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)