

OZZIE CRISALLI

From: Robert Nigolian <rnigolian@earthsys.net>
Sent: Wednesday, September 14, 2022 1:54 PM
To: OZZIE CRISALLI
Subject: 301 Wolf & 1920 Park Street - Phase II ESA
Attachments: Fig Tree Properties_Phase II ESA_09.14.22.pdf

Hi Ozzie,

Sorry for the delay, attached is the Phase II Report. I received the final lab report this morning and just finished tabulating the results. It looks like the results are consistent with the shallow sampling results. PCBs and metals above unrestricted use soil standards. However, there were 3 samples that had metals (lead and cadmium) above restricted residential use standards. These samples were collected at a 3 foot depth. I am available to discuss until 4 PM today and available the rest of the week. Let me know if you have any questions.

Thanks,
Rob

Robert S. Nigolian | Senior Project Manager | rnigolian@earthsys.net
6700 Old Collamer Rd. Suite 112
East Syracuse, New York 13057
315.231.5637 (O) 315.491.2091 (M)



PHASE II ENVIRONMENTAL SITE ASESSEMENT

**Fig Tree Properties
301 Wolf Street & 1920 Park Street
Syracuse, New York**

Prepared For:
Fig Tree Properties, LLC
c/o Syracuse Realty Group, LLC
106 S. Main Street
N. Syracuse, New York 13212

Prepared By:
Earth Systems, Inc.
6700 Old Collamer Road
Suite 112
E. Syracuse, NY 13057
(315) 231-5637

September 14, 2022



Phase II Environmental Site Assessment

**FIG TREE PROPERTIES
301 WOLF STREET & 1920 PARK STREET
SYRACUSE, NEW YORK**

This Phase II Environmental Site Assessment was conducted using industry standards by environmental professionals in accordance with established specific regulatory requirements and standards.

The findings, recommendations, and conclusions contained in this report are based solely upon Earth Systems Incorporated's (ES) assessment and are subject to the limitations set forth in this report at the time it was prepared. Use of and/or reliance upon this report shall be subject to the Terms and Conditions under which this report was provided to Fig Tree Properties, LLC and such use or reliance shall only be authorized by ES.

Prepared By:



Robert S. Nigolian
Sr. Project Manager

Reviewed By:



Shawn M. Ryan, P.G.
Operations Manager

EXECUTIVE SUMMARY

Phase II Environmental Site Assessment Findings and Environmental Considerations

Earth Systems, Inc. (ES) was contracted by Fig Tree Properties, LLC (FTP) to conduct this Phase II Environmental Site Assessment (ESA) at the Subject Property located at 301 Wolf Street and 1920 Park Street, Syracuse, New York (the Subject Property). The purpose of this ESA was to assess recognized environmental conditions (REC) identified in a Phase I ESA completed by ES, dated July 29, 2012, at the Subject Property.

A total of ten (10) soil borings (SB-1 through SB-10) were advanced across the Subject Property under the supervision of an ES geologist. Overburden deposits observed during drilling activities consisted of hard fill from grade to 5 feet below ground surface (bgs) then dense silt to 19 feet bgs where sampler refusal was encountered. Groundwater was not encountered in any of the soil borings.

Field screening of the soil samples using a Photo-ionization detector (PID), indicated no volatile organic compound (VOC) concentrations above background levels in any of the soil samples.

At least one soil sample from each of the 10 soil borings was selected for laboratory analysis, based on field observations (PID readings) or soil boring completion depth. Since a PID reading was not recorded and groundwater was not encountered a soil sample from the completion depth was collected and analyzed for VOCs. A soil sample was collected and analyzed for semi-volatile organic compounds (SVOCs) from select soil boring locations (SB-1, SB-3, SB-5 and SB-8). The soil laboratory analytical results indicated VOCs or SVOCs were either non-detectable or below New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs).

A soil sample was collected from a depth of 3 feet bgs from select borings and analyzed for Resource Conservation and Recovery Act (RCRA) metals and polychlorinated biphenyls (PCBs). The soil laboratory analytical results indicated soil samples collected from soil borings SB-7, SB-8, SB-9, and SB-10 had PCB concentrations above NYSDEC 6 NYCRR Part 375 UUSCOs, however these concentrations were below NYSDEC 6 NYCRR Part 375 Residential Use Soil Cleanup Objectives (RUSCOs).

The soil laboratory analytical results indicated RCRA metal concentrations were above NYSDEC 6 NYCRR Part 375 UUSCOs in soil borings SB-2, SB-6, SB-7, SB-8, SB-9, and SB-10. Lead and/or cadmium concentrations in soil borings SB-8, SB-9, and SB-10 were also above the NYSDEC 6 Part 375 Restricted Residential Use Soil Cleanup Objectives.

Table of Contents

1.0	INTRODUCTION	1
2.0	LIMITATIONS.....	1
3.0	SITE DESCRIPTION	1
4.0	SITE EVALUATION METHODS.....	2
4.1	Remote Sensing Survey	2
4.2	Soil Boring Advancement.....	2
4.3	Soil Sampling and Analyses.....	3
5.0	INVESTIGATIVE RESULTS.....	3
5.1	Geology / Hydrogeology	3
5.2	Soil Analysis Results.....	3
6.0	CONCLUSIONS	4

List of Tables

Table 1 - Shallow Soil Analytical Summary (Churchill Sampling, July 2022)

Table 2 – Soil Analytical Summary

List of Figures

Figure 1 - Site Location Map

Figure 2 - Site Map with Soil Boring Locations

List of Appendices

Appendix A – Churchill Environmental, Inc – PCB/RCRA Sampling Report, July 11,2022

Appendix B – GPRS – Underground Utility Location Findings Maps

Appendix C - Subsurface Logs

Appendix D - Soil Analytical Laboratory Report

1.0 INTRODUCTION

Earth Systems, Inc. (ES) was contracted by Fig Tree Properties, LLC (FTP) to conduct a Phase II Environmental Site Assessment (ESA) of the Subject Property located at 301 Wolf Street and 1920 Park Street, Syracuse, Onondaga County, New York (Subject Property). The subject property consists of two separate parcels 301 Wolf Street (tax map ID # 002.-04-10.0) and 1920 Wolf Street (tax map ID # 002.-04-02.4) which combined total approximately 0.6-acres of commercial property that includes a four-story main commercial building on each property that are connected by an elevated corridor. The purpose of this ESA was to assess recognized environmental conditions (RECs) identified in a Phase I ESA completed by ES, dated July 29, 2022, at the Subject Property. The results and findings of the Phase II Environmental Site Assessment of the Subject Property is presented herein.

2.0 LIMITATIONS

This Phase II ESA report has been prepared for the sole use of FTP. ES assumes no responsibility or liability that may result from reliance on the contents of this report by other parties, if such reliance is without written authorization by FTP and ES. This document is not intended for purposes other than those expressly set forth herein, or for use by parties other than the client.

In preparing this report, ES has relied on information provided by certain third party individuals, consultants, and/or governmental officials and records. To the extent possible, efforts have been made to corroborate and confirm the validity of this information; however, it is not possible to warrant that this information is factual, accurate, and complete.

This ESA was prepared as a result of a contractual agreement that defined the approach and scope of services to be employed during the course of the investigation. The opinions and conclusions expressed in this study have been based on the results of these contracted services. The services provided by ES should not be construed to be a warranty or guarantee that no environmental impairments exist at the Subject Property, or that all environmental impairments have been uncovered. Findings within the ESA are based on information collected from observations made at the time of the investigation and from reasonably ascertainable information obtained from others.

Changes in the condition of the Subject Property may occur with time due to either natural processes or human activities. The findings presented in this report are based on site conditions observed at the time of the investigation. Also, ES has relied, in part, on good faith representations made to ES regarding known conditions at the Subject Property or adjoining properties. ES cannot be responsible for any errors or omissions in this investigation resulting from incomplete or inaccurate disclosures by the client or other contacts.

3.0 SITE DESCRIPTION

The site is comprised of two separate parcels 301 Wolf Street (tax map ID # 002.-04-10.0) and 1920 Wolf Street (tax map ID # 002.-04-02.4) which combined total approximately 0.6-acres of commercial property that includes a four-story main commercial building on each property that are connected by an elevated corridor. The 301 Wolf Street parcel is currently owned by Reggie Real Estate Inc. The 1920 Park Street parcel is currently owned by Sabacuse, LLC. The Subject Property is located on the northwest corner of the intersection of Wolf Street and Park Street. The Subject Property is located in area of mixed residential and commercial properties. The Site Location Map is attached as **Figure 1**, and a Site Map is included as **Figure 2**.

Referring to **Figure 1** (Site Location Map), the site is located at approximately 412 feet above mean sea level with topography in the area of the site sloping west towards Onondaga Lake.

The ES Phase I ESA revealed the following *recognized environmental conditions* as defined by ASTM, in connection with the site:

- The property has been used for the manufacturing of automobiles, and then auto parts between 1909 and the 1950s. Recent shallow soil sampling conducted by Churchill Environmental, Inc., (Churchill) identified the presence of metals above New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives possibly from the historic use of this property for manufacturing.
- A filling station was located at 300 Wolf Street (across Wolf Street from the Subject Property) where Roma Tile & Marble Company is currently located. The filling station was in operation from at least 1950 through the mid-1980s. There could be undocumented historic spills, releases and or leaking underground storage tanks that could have adversely impacted the Subject Property.

The subsurface investigation described herein was conducted by ES to evaluate potential adverse impacts the recognized environmental conditions may have had on the Subject Property.

4.0 SITE EVALUATION METHODS

The Phase II ESA was performed in accordance with the ES proposal dated July 29, 2022. The scope of work performed by ES included advancement of ten (10) soil borings. Pre-clearing of all soil boring locations to a depth of 5 feet bgs was performed using non-destructive methods (hand augers or soft digging using compressed air and vacuum extraction). During advancement of the soil borings, soil samples were collected and submitted for laboratory analysis based on photoionization detector (PID) responses, visual observations or completion depth of the boring.

4.1 Remote Sensing Survey

Prior to the pre-clearing and soil boring advancement, all boring locations were cleared by GPRS, Inc. using ground penetrating radar (GPR) and electromagnetic (EM) sensing equipment to assess for the presences and location of underground utilities. Please refer to **Appendix B** for the GPRS Underground Utility Location Findings Maps.

4.2 Soil Boring Advancement

Prior to performing subsurface investigations, a geophysical survey as described in Section 4.1 was conducted by GPRS. Dig Safe NY was also notified, and they performed a utility mark out as required by law.

On August 22 - 23, 2022, ten (10) soil borings (SB-1 through SB-10) were advanced by Parratt-Wolff, Inc. using 2-inch inside diameter macro core soil samplers by direct push method under the supervision of an ES geologist. All borings were advanced to 12 feet bgs or macro core refusal, which occurred at a depth 19 feet bgs. The soil borings were advanced to investigate and delineate areas of the property identified in Churchill's PCBs/RCRA Soil Sampling Report, dated July 11, 2022 (presented in Appendix A) and downgradient of a former filling station adjacent to the Subject Property.

The approximate locations of the soil borings are depicted on the Site Map attached as **Figure 2**.

4.3 *Soil Sampling and Analyses*

During the advancement of each borehole, ES logged the sediment color, sediment type, moisture content, and soil headspace readings with a PID to determine the potential presence of VOCs in soil. The soil samples collected at 3 ft bgs, were obtained using a hand auger during the borehole pre-clearing. Continuous soil sampling beginning at 5 ft bgs was conducted using a two-inch inside diameter, four-foot long macro-core sampler with an acetate liner. Following the collection of a sample using the hand auger and macro-core sampler, the hand auger and sampler was scrubbed and washed using an Alconox solution and water, and double rinsed prior to reuse.

Each sample was scanned with a calibrated PID using a sealed-bag headspace method. Positive bias samples were retained for laboratory analyses from selected boreholes based on the highest PID reading, visual and/or olfactory observations. If no elevated PID responses, odors, or obvious evidence of impact were noted, a laboratory soil sample was collected from the soil/water table interface and/or the completion depth of the soil boring. A representative portion of soil from each sample was placed into a laboratory supplied sample container, labeled for identification and preserved with ice. Soil samples were submitted under chain-of-custody documentation to Pace Analytical Services, LLC of Greensburg, Pennsylvania (Pace) for laboratory analyses. Soil samples from soil borings SB-1 through SB-10 were collected and analyzed for VOCs by United States Environmental Protection Agency (USEPA) method 8260. Additionally, soil samples collected from select soil borings were sampled for SVOCs by USEPA method 8270, Resource Conservation and Recovery Act (RCRA) metals, and polychlorinated biphenyls (PCBs). SVOCs samples were collected from the completion depth of the boring and RCRA metals and PCB samples were collected from 3 feet bgs.

5.0 INVESTIGATIVE RESULTS

5.1 *Geology / Hydrogeology*

Overburden deposits observed during drilling activities consisted of hard fill from 0 to 5 feet bgs, then dense silt to the completion depth of each boring. Sampler refusal occurred at 19 feet bgs. Groundwater was not encountered in any of the soil borings. Detailed Subsurface Logs are included as **Appendix C**.

5.2 *Soil Analysis Results*

The macro-core samples collected during drilling activities were evaluated using a PID. The results of field screening performed indicated no VOC concentrations above background levels in any of the soil samples.

Soil samples collected from each of the 10 soil borings was selected for laboratory analysis, based on the previous shallow soil sampling results completed by Churchill, and boring complete depth. The laboratory analytical results of soil samples collected during drilling activities are summarized in **Table 1**.

The soil laboratory analytical results indicated VOCs or SVOCs were either non-detectable or below NYSDEC 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs).

A soil sample was collected from a depth of 3 feet bgs from select borings and analyzed for RCRA metals and PCBs. The soil laboratory analytical results indicated soil samples collected from soil borings SB-7, SB-8, SB-9, and SB-10 had PCB concentrations above NYSDEC 6 NYCRR Part 375 UUCOs, however these concentrations

were below NYSDEC 6 NYCRR Part 375 Residential Use Soil Cleanup Objectives (RUSCOs). The soil laboratory analytical results indicated RCRA metal concentrations were above NYSDEC 6 NYCRR Part 375 UUSCOs in soil borings SB-2, SB-6, SB-7, SB-8, SB-9, and SB-10. Lead and/or cadmium concentrations in soil borings SB-8, SB-9, and SB-10 were also above the NYSDEC 6 Part 375 Restricted Residential Use Soil Cleanup Objectives.

The complete laboratory analytical report from Pace, along with the chain-of-custody has been attached as **Appendix D**.

6.0 CONCLUSIONS

Based on the findings of the Phase II ESA investigation at the Subject Property located at 301 Wolf Street and 1920 Park Street, Syracuse, Onondaga County, New York, ES presents the following conclusions:

1. Overburden deposits observed during drilling activities consisted of hard fill from 0 to 5 feet bgs then dense silt to at least 19 feet bgs, where sampler refusal was encountered. Groundwater was not encountered in any of the soil borings.
2. The results of field headspace screening procedures performed on soil indicated no VOC concentrations in any of the soil borings.
3. The soil laboratory analytical results indicated VOCs or SVOCs were either non-detectable or below New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375 UUSCOs.
4. The soil laboratory analytical results indicated soil samples collected at 3 ft bgs from soil borings SB-7, SB-8, SB-9, and SB-10 had PCB concentrations above NYSDEC 6 NYCRR Part 375 UUCOs, however these concentrations were below NYSDEC 6 NYCRR Part 375 RUSCOs.
5. The soil laboratory analytical results indicated RCRA metal concentrations were above NYSDEC 6 NYCRR Part 375 UUSCOs in soil borings SB-2, SB-6, SB-7, SB-8, SB-9, and SB-10. Lead and/or cadmium concentrations in soil borings SB-8, SB-9, and SB-10 were also above the NYSDEC 6 Part 375 Restricted Residential Use Soil Cleanup Objectives.

FIGURES

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022



Syracuse West Quadrangle, 1978

1 inch = ~0.5 miles

North

Figure 1: Site Location Map

Fig Tree Properties

301 Wolf Street & 1920 Park Street, Syracuse, New York

Earth Systems, Inc.

Drawn By: R.S.N

Checked By: S.R.

7/26/2022



Legend

SUBJECT PROPERTY
BOUNDARY



FIGURE 2
SOIL BORING LOCATION MAP

FIG TREE PROPERTIES

301 Wolf St. / 1920 Park St.
Syracuse, New York

Project #:	Date:	09/09/2022
SRP PI#:	Drawn By:	SR

Earth Systems
The Earth Systems Group
6700 Old Collamer Rd. Suite 112, East Syracuse, NY
(315) 231-5537

TABLES

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022

Table 1

Fig Tree Properties, LLC
301 Wolf 1920 Park Street, Syracuse, NY
Analytical Summary Table
Churchill Environmental - Shallow Soil Sampling June 2002

Sample ID	Units	6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives	6 NYCRR Part 375 Residential Use Soil Cleanup Objectives	6 NYCRR Part 375 Restricted Residential Use Soil Cleanup Objectives	PCB-1	PCB-2	PCB-3	PCB-4	PCB-5	PCB-6	PCB-7
Polychlorinated biphenyl (PCB) Analysis											
Arochlor 1016	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1221	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1232	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1242	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1248	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1254	mg/kg	0.1	1	1	ND	ND	ND	0.18	0.83	0.13	0.50
Arochlor 1260	mg/kg	0.1	1	1	ND	ND	0.25	ND	0.19	0.12	0.34
Arochlor 1262	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND
Arochlor 1268	mg/kg	0.1	1	1	ND	ND	ND	ND	ND	ND	ND

Sample ID	Units	6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives	6 NYCRR Part 375 Residential Use Soil Cleanup Objectives	6 NYCRR Part 375 Restricted Residential Use Soil Cleanup Objectives	RCRA-8	RCRA-9	RCRA-10	RCRA-11	RCRA-12	RCRA-13	RCRA-14
RCRA Metals											
Arsenic	mg/kg	13	16	16	ND<2.7	ND<2.7	7.8	7.1	3.3	8.8	5.4
Barium	mg/kg	350	350	400	85.3	107	128	246	152	116	ND<46.6
Cadmium	mg/kg	2.5	2.5	4.3	ND<0.67	ND<0.67	1.6	0.69	12	9.2	16.6
Chromium	mg/kg	NA	NA	NA	15.4	18.6	30.5	22	19.1	11.8	9.3
Lead	mg/kg	63	400	400	23.3	116	368	305	534	561	653
Selenium	mg/kg	3.9	180	1,500	ND<2.7	ND<2.7	ND<2.7	ND<2.5	ND<2.2	ND<2.6	ND<2.3
Silver	mg/kg	2	180	1,500	ND<2.7	ND<2.7	ND<2.7	ND<2.5	2.4	ND<2.6	3.1
Mercury	mg/kg	0.18	0.81	0.81	ND<0.041	0.071	0.36	0.58	0.65	1.5	0.49

mg/kg = milligrams per kilogram or parts per million

Exceeds Unrestricted Use SCOs

Exceeds Residential Use SCOs

Exceeds Restricted Residential Use SCOs

Elevated Chromium requires analysis for Hexavalent and trivalent chromium

Soil Samples collected on June 3, 2022 and reported by Churchill Environmental July 11, 2022.

TABLE 2

[illegible]

colloids:

	Value	Reference of 6.49C88 Part 375 Unincinerated (the Soil Cleanup Objectives)
mg/kg = micrograms per kilogram or parts per billion (ppb)	Value	Reference of 6.49C88 Part 375 Resuspended (the Soil Cleanup Objectives)
mg/L = milligrams per kilogram or parts per million (ppm)	Value	Reference of 6.49C88 Part 375 Resuspended (the Soil Cleanup Objectives)

Compared not compared

(b) (7)(F) - Not detected above the lab reporting limit and used

APPENDIX A
CHURCHILL ENVIRONMENTAL, INC. – PCB/RCRA SAMPLING
REPORT

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022



822 State Fair Blvd., Syracuse, NY 13209
Phone: 315-428-1959
www.churchillenvironmental.com

Environmental, Health & Safety Consultants

July 11, 2022

G.F. Frost Construction Co. Inc.
5229 Foxhill Lane
Camillus, NY 13031
Attn: Gary Frost

Re: PCB/RCRA Soil Sampling

Gary,

On June 3, 2022, Churchill Environmental performed Hazardous Soil Sampling for PCBs and RCRA-8s on the properties located at the Corner of Wolf St. and Park St., Syracuse, NY. Joe Nanno performed the PCB & RCRA sampling on these properties.

Sampling was performed in the grass lot behind 301 Wolf St., and 1920 Park St. in Syracuse, NY. The material in question was the soil behind these buildings. A total of fourteen (14) samples were taken from the soil; seven (7) samples were taken for PCBs & seven were taken for RCRA in random locations at approximately 12" below grade. The EPA limit for PCBs in soil is 50 parts per million (ppm). Please see Table #1. These samples were sent to EMSL Analytical, Inc. in Cinnaminson, NJ. RCRA, monitor eight different metallic elements. These heavy metals (EPA Limits) include; arsenic (5.0 ppm), barium (100.0 ppm), cadmium (1.0 ppm), chromium (5.0 ppm), lead (5.0 ppm), mercury (0.2 ppm), selenium (1.0 ppm), and silver (5.0 ppm). Please see Table #2. RCRA were sent to Pace Analytical Services in Melville, NY. Please see the attached Lab Reports and map locations.

***Table #1**

Sample #	Parameter	Result
PCB-3	Aroclor-1260	0.25 ppm
PCB-4	Aroclor-1254	0.18 ppm
PCB-5	Aroclor-1254	0.83 ppm
	Aroclor-1260	0.19 ppm
PCB-6	Aroclor-1254	0.13 ppm
	Aroclor-1260	0.12 ppm
PCB-7	Aroclor-1254	0.5 ppm
	Aroclor-1260	0.34 ppm

***Table #2**

Sample #	Parameter	Result
RCRA-8	Arsenic	< 2.7 ppm
	Barium	85.3 ppm
	Cadmium	< 0.67 ppm
	Chromium	15.4 ppm
	Lead	23.3 ppm
	Mercury	< 0.041 ppm
	Selenium	< 2.7 ppm
	Silver	< 2.7 ppm

RCRA-9	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	< 2.7 ppm 107 ppm < 0.67 ppm 18.6 ppm 116 ppm 0.071 ppm < 2.7 ppm < 2.7 ppm
RCRA-10	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	7.8 ppm 128 ppm 1.6 ppm 30.5 ppm 368 ppm 0.36 ppm < 2.5 ppm < 2.5 ppm
RCRA-11	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	7.1 ppm 246 ppm 0.69 ppm 22.0 ppm 305 ppm 0.58 ppm < 2.5 ppm < 2.5 ppm
RCRA-12	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	3.3 ppm 152 ppm 12.0 ppm 19.1 ppm 534 ppm 0.65 ppm < 2.2 ppm 2.4 ppm
RCRA-13	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	8.8 ppm 116 ppm 9.2 ppm 11.8 ppm 561 ppm 1.5 ppm < 2.6 ppm < 2.6 ppm
RCRA-14	Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	5.4 ppm < 46.6 ppm 16.6 ppm 9.3 ppm 653 ppm 0.49 ppm < 2.3 ppm 3.1 ppm

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
 Fax: (315) 428-0432
 Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description		Collected:		Lab ID:	
PCB-1 SW Corner		6/3/2022		012208948-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1260	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	88	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

Client Sample Description		Collected:		Lab ID:	
PCB-2 West End		6/3/2022		012208948-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
 Fax: (315) 428-0432
 Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description		Collected:		Lab ID:	
PCB-2 West End		6/3/2022		012208948-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1260	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	52 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	90	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

Client Sample Description		Collected:		Lab ID:	
PCB-3 NW Corner		6/3/2022		012208948-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1260	250	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	57 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	87	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
 Fax: (315) 428-0432
 Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description		Collected:		Lab ID:	
PCB-4 North End		6/3/2022		012208948-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	180	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1260	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	54 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	91	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

Client Sample Description		Collected:		Lab ID:	
PCB-5 NE Corner		6/3/2022		012208948-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	830	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00

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EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
 Fax: (315) 428-0432
 Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description		Collected:		Lab ID:	
PCB-5 NE Corner		6/3/2022		012208948-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1260	190	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	94	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

Client Sample Description		Collected:		Lab ID:	
PCB-6 East End		6/3/2022		012208948-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	130	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1260	120	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	53 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	91	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

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EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
Fax: (315) 428-0432
Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description PCB-7
SE Corner
Collected: 6/3/2022
Lab ID: 012208948-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
GC-SVOA					
3550C/8082A	Aroclor-1016	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1221	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1232	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1242	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1248	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1254	500	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1260	340	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1262	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
3550C/8082A	Aroclor-1268	ND	51 µg/Kg	6/9/2022 AJ	6/10/2022 PM 00:00
WET					
SM 2540G	Total Solids	94	N/A %	6/10/2022 MQ	6/10/2022 MQ 00:00

Client Sample Description RCRA-1
SW Corner
Collected: 6/3/2022
Lab ID: 012208948-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
SUBCONTRACT					
Subcontract-Pace Analytical Services	See Attached		N/A		

Client Sample Description RCRA-2
West End
Collected: 6/3/2022
Lab ID: 012208948-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
SUBCONTRACT					
Subcontract-Pace Analytical Services	See Attached		N/A		

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Phone/Fax: (856) 303-2500 / (856) 858-4571

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EMSL Order: 012208948

CustomerID: CHUE80

CustomerPO:

ProjectID:

Attn: **Joe Nanno**
Churchill Environmental Inc.
822 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 428-1959
Fax: (315) 428-0432
Received: 6/8/2022 09:20 AM

Project: 22064 Wolf/Park St. Soil Sampling

Analytical Results

Client Sample Description		RCRA-3 NW Corner	Collected:	6/3/2022	Lab ID:	012208948-0010
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
SUBCONTRACT						
Subcontract-Pace Analytical Services	See Attached		N/A			
Client Sample Description		RCRA-4 North End	Collected:	6/3/2022	Lab ID:	012208948-0011
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
SUBCONTRACT						
Subcontract-Pace Analytical Services	See Attached		N/A			
Client Sample Description		RCRA-5 NE Corner	Collected:	6/3/2022	Lab ID:	012208948-0012
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
SUBCONTRACT						
Subcontract-Pace Analytical Services	See Attached		N/A			
Client Sample Description		RCRA-6 East End	Collected:	6/3/2022	Lab ID:	012208948-0013
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
SUBCONTRACT						
Subcontract-Pace Analytical Services	See Attached		N/A			
Client Sample Description		RCRA-7 SE Corner	Collected:	6/3/2022	Lab ID:	012208948-0014
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
SUBCONTRACT						
Subcontract-Pace Analytical Services	See Attached		N/A			



EMSL Analytical, Inc.

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Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>

EnvChemistry2@emsl.com

EMSL Order:	012208948
CustomerID:	CHUE80
CustomerPO:	
ProjectID:	

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

CERTIFICATIONS

Project: 012208948 6/3

Pace Project No.: 70217802

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 012208948 6/3

Pace Project No.: 70217802

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70217802001	012208948-0008	Solid	06/03/22 00:00	06/09/22 11:00
70217802002	012208948-0009	Solid	06/03/22 00:00	06/09/22 11:00
70217802003	012208948-0010	Solid	06/03/22 00:00	06/09/22 11:00
70217802004	012208948-0011	Solid	06/03/22 00:00	06/09/22 11:00
70217802005	012208948-0012	Solid	06/03/22 00:00	06/09/22 11:00
70217802006	012208948-0013	Solid	06/03/22 00:00	06/09/22 11:00
70217802007	012208948-0014	Solid	06/03/22 00:00	06/09/22 11:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 012208948 6/3
Pace Project No.: 70217802

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70217802001	012208948-0008	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802002	012208948-0009	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802003	012208948-0010	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802004	012208948-0011	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802005	012208948-0012	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802006	012208948-0013	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1
70217802007	012208948-0014	EPA 6010D	CAM	7
		EPA 7471B	JJS	1
		ASTM D2216-05M	CEA	1

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 012208948 6/3

Pace Project No.: 70217802

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
70217802001	012208948-0008					
EPA 6010D	Barium	85.3	mg/kg	53.8	06/21/22 11:49	
EPA 6010D	Chromium	15.4	mg/kg	2.7	06/21/22 11:49	
EPA 6010D	Lead	23.3	mg/kg	1.3	06/21/22 11:49	
ASTM D2216-05M	Percent Moisture	8.9	%	0.10	06/15/22 15:37	
70217802002	012208948-0009					
EPA 6010D	Barium	107	mg/kg	53.4	06/21/22 11:52	
EPA 6010D	Chromium	18.6	mg/kg	2.7	06/21/22 11:52	
EPA 6010D	Lead	116	mg/kg	1.3	06/21/22 11:52	
EPA 7471B	Mercury	0.071	mg/kg	0.043	06/15/22 15:10	
ASTM D2216-05M	Percent Moisture	8.6	%	0.10	06/15/22 15:37	
70217802003	012208948-0010					
EPA 6010D	Arsenic	7.8	mg/kg	2.5	06/21/22 11:54	
EPA 6010D	Barium	128	mg/kg	49.1	06/21/22 11:54	
EPA 6010D	Cadmium	1.6	mg/kg	0.61	06/21/22 11:54	
EPA 6010D	Chromium	30.5	mg/kg	2.5	06/21/22 11:54	
EPA 6010D	Lead	368	mg/kg	1.2	06/21/22 11:54	
EPA 7471B	Mercury	0.36	mg/kg	0.042	06/15/22 15:11	
ASTM D2216-05M	Percent Moisture	10.8	%	0.10	06/15/22 15:37	
70217802004	012208948-0011					
EPA 6010D	Arsenic	7.1	mg/kg	2.5	06/21/22 11:57	
EPA 6010D	Barium	246	mg/kg	50.9	06/21/22 11:57	
EPA 6010D	Cadmium	0.69	mg/kg	0.64	06/21/22 11:57	
EPA 6010D	Chromium	22.0	mg/kg	2.5	06/21/22 11:57	
EPA 6010D	Lead	305	mg/kg	1.3	06/21/22 11:57	
EPA 7471B	Mercury	0.58	mg/kg	0.040	06/15/22 15:13	
ASTM D2216-05M	Percent Moisture	10.4	%	0.10	06/15/22 15:37	
70217802005	012208948-0012					
EPA 6010D	Arsenic	3.3	mg/kg	2.2	06/21/22 11:59	
EPA 6010D	Barium	152	mg/kg	43.4	06/21/22 11:59	
EPA 6010D	Cadmium	12.0	mg/kg	0.54	06/21/22 11:59	
EPA 6010D	Chromium	19.1	mg/kg	2.2	06/21/22 11:59	
EPA 6010D	Lead	534	mg/kg	1.1	06/21/22 11:59	
EPA 6010D	Silver	2.4	mg/kg	2.2	06/21/22 11:59	
EPA 7471B	Mercury	0.65	mg/kg	0.037	06/16/22 10:30	
ASTM D2216-05M	Percent Moisture	4.6	%	0.10	06/15/22 15:37	
70217802006	012208948-0013					
EPA 6010D	Arsenic	8.8	mg/kg	2.6	06/21/22 12:01	
EPA 6010D	Barium	116	mg/kg	51.5	06/21/22 12:01	
EPA 6010D	Cadmium	9.2	mg/kg	0.64	06/21/22 12:01	
EPA 6010D	Chromium	11.8	mg/kg	2.6	06/21/22 12:01	
EPA 6010D	Lead	561	mg/kg	1.3	06/21/22 12:01	
EPA 7471B	Mercury	1.5	mg/kg	0.036	06/16/22 10:31	
ASTM D2216-05M	Percent Moisture	8.4	%	0.10	06/15/22 15:38	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 012208948 6/3

Pace Project No.: 70217802

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
70217802007	012208948-0014					
EPA 6010D	Arsenic	5.4	mg/kg	2.3	06/21/22 12:08	
EPA 6010D	Cadmium	16.6	mg/kg	0.58	06/21/22 12:08	
EPA 6010D	Chromium	9.3	mg/kg	2.3	06/21/22 12:08	
EPA 6010D	Lead	653	mg/kg	1.2	06/21/22 12:08	
EPA 6010D	Silver	3.1	mg/kg	2.3	06/21/22 12:08	
EPA 7471B	Mercury	0.49	mg/kg	0.038	06/16/22 10:33	
ASTM D2216-05M	Percent Moisture	4.6	%	0.10	06/15/22 15:38	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0008 Lab ID: 70217802001 Collected: 06/03/22 00:00 Received: 06/09/22 11:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	<2.7	mg/kg	2.7	1.3	5	06/14/22 08:05	06/21/22 11:49	7440-38-2	
Barium	85.3	mg/kg	53.8	3.2	5	06/14/22 08:05	06/21/22 11:49	7440-39-3	
Cadmium	<0.67	mg/kg	0.67	0.076	5	06/14/22 08:05	06/21/22 11:49	7440-43-9	
Chromium	15.4	mg/kg	2.7	1.1	5	06/14/22 08:05	06/21/22 11:49	7440-47-3	
Lead	23.3	mg/kg	1.3	0.69	5	06/14/22 08:05	06/21/22 11:49	7439-92-1	
Selenium	<2.7	mg/kg	2.7	1.6	5	06/14/22 08:05	06/21/22 11:49	7782-49-2	
Silver	<2.7	mg/kg	2.7	0.33	5	06/14/22 08:05	06/21/22 11:49	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	<0.041	mg/kg	0.041	0.027	1	06/14/22 14:03	06/15/22 15:08	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	8.9	%	0.10	0.10	1		06/15/22 15:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3
Pace Project No.: 70217802

Sample: 012208948-0009 **Lab ID:** 70217802002 **Collected:** 06/03/22 00:00 **Received:** 06/09/22 11:00 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	<2.7	mg/kg	2.7	1.3	5	06/14/22 08:05	06/21/22 11:52	7440-38-2	
Barium	107	mg/kg	53.4	3.2	5	06/14/22 08:05	06/21/22 11:52	7440-39-3	
Cadmium	<0.67	mg/kg	0.67	0.076	5	06/14/22 08:05	06/21/22 11:52	7440-43-9	
Chromium	18.6	mg/kg	2.7	1.1	5	06/14/22 08:05	06/21/22 11:52	7440-47-3	
Lead	116	mg/kg	1.3	0.69	5	06/14/22 08:05	06/21/22 11:52	7439-92-1	
Selenium	<2.7	mg/kg	2.7	1.6	5	06/14/22 08:05	06/21/22 11:52	7782-49-2	
Silver	<2.7	mg/kg	2.7	0.33	5	06/14/22 08:05	06/21/22 11:52	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	0.071	mg/kg	0.043	0.028	1	06/14/22 14:03	06/15/22 15:10	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	8.6	%	0.10	0.10	1		06/15/22 15:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0010 Lab ID: 70217802003 Collected: 06/03/22 00:00 Received: 06/09/22 11:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	7.8	mg/kg	2.5	1.2	5	06/14/22 08:05	06/21/22 11:54	7440-38-2	
Barium	128	mg/kg	49.1	3.0	5	06/14/22 08:05	06/21/22 11:54	7440-39-3	
Cadmium	1.6	mg/kg	0.61	0.070	5	06/14/22 08:05	06/21/22 11:54	7440-43-9	
Chromium	30.5	mg/kg	2.5	0.99	5	06/14/22 08:05	06/21/22 11:54	7440-47-3	
Lead	368	mg/kg	1.2	0.63	5	06/14/22 08:05	06/21/22 11:54	7439-92-1	
Selenium	<2.5	mg/kg	2.5	1.4	5	06/14/22 08:05	06/21/22 11:54	7782-49-2	
Silver	<2.5	mg/kg	2.5	0.30	5	06/14/22 08:05	06/21/22 11:54	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	0.36	mg/kg	0.042	0.027	1	06/14/22 14:03	06/15/22 15:11	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	10.8	%	0.10	0.10	1		06/15/22 15:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0011 **Lab ID: 70217802004** Collected: 06/03/22 00:00 Received: 06/09/22 11:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	7.1	mg/kg	2.5	1.2	5	06/14/22 08:05	06/21/22 11:57	7440-38-2	
Barium	246	mg/kg	50.9	3.1	5	06/14/22 08:05	06/21/22 11:57	7440-39-3	
Cadmium	0.69	mg/kg	0.64	0.072	5	06/14/22 08:05	06/21/22 11:57	7440-43-9	
Chromium	22.0	mg/kg	2.5	1.0	5	06/14/22 08:05	06/21/22 11:57	7440-47-3	
Lead	305	mg/kg	1.3	0.65	5	06/14/22 08:05	06/21/22 11:57	7439-92-1	
Selenium	<2.5	mg/kg	2.5	1.5	5	06/14/22 08:05	06/21/22 11:57	7782-49-2	
Silver	<2.5	mg/kg	2.5	0.32	5	06/14/22 08:05	06/21/22 11:57	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	0.58	mg/kg	0.040	0.026	1	06/14/22 14:03	06/15/22 15:13	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	10.4	%	0.10	0.10	1		06/15/22 15:37		

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0012 **Lab ID:** 70217802005 **Collected:** 06/03/22 00:00 **Received:** 06/09/22 11:00 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	3.3	mg/kg	2.2	1.0	5	06/14/22 08:05	06/21/22 11:59	7440-38-2	
Barium	152	mg/kg	43.4	2.6	5	06/14/22 08:05	06/21/22 11:59	7440-39-3	
Cadmium	12.0	mg/kg	0.54	0.062	5	06/14/22 08:05	06/21/22 11:59	7440-43-9	
Chromium	19.1	mg/kg	2.2	0.88	5	06/14/22 08:05	06/21/22 11:59	7440-47-3	
Lead	534	mg/kg	1.1	0.56	5	06/14/22 08:05	06/21/22 11:59	7439-92-1	
Selenium	<2.2	mg/kg	2.2	1.3	5	06/14/22 08:05	06/21/22 11:59	7782-49-2	
Silver	2.4	mg/kg	2.2	0.27	5	06/14/22 08:05	06/21/22 11:59	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	0.65	mg/kg	0.037	0.024	1	06/14/22 14:03	06/16/22 10:30	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	4.6	%	0.10	0.10	1		06/15/22 15:37		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0013 **Lab ID:** 70217802006 **Collected:** 06/03/22 00:00 **Received:** 06/09/22 11:00 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	8.8	mg/kg	2.6	1.2	5	06/14/22 08:05	06/21/22 12:01	7440-38-2	
Barium	116	mg/kg	51.5	3.1	5	06/14/22 08:05	06/21/22 12:01	7440-39-3	
Cadmium	9.2	mg/kg	0.64	0.073	5	06/14/22 08:05	06/21/22 12:01	7440-43-9	
Chromium	11.8	mg/kg	2.6	1.0	5	06/14/22 08:05	06/21/22 12:01	7440-47-3	
Lead	561	mg/kg	1.3	0.66	5	06/14/22 08:05	06/21/22 12:01	7439-92-1	
Selenium	<2.6	mg/kg	2.6	1.5	5	06/14/22 08:05	06/21/22 12:01	7782-49-2	
Silver	<2.6	mg/kg	2.6	0.32	5	06/14/22 08:05	06/21/22 12:01	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	1.5	mg/kg	0.036	0.023	1	06/14/22 14:03	06/16/22 10:31	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	8.4	%	0.10	0.10	1		06/15/22 15:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 012208948 6/3

Pace Project No.: 70217802

Sample: 012208948-0014 **Lab ID:** 70217802007 **Collected:** 06/03/22 00:00 **Received:** 06/09/22 11:00 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report	MDL	DF	Prepared	Analyzed	CAS No.	Qual
			Limit						
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Melville									
Arsenic	5.4	mg/kg	2.3	1.1	5	06/14/22 08:05	06/21/22 12:08	7440-38-2	
Barium	<46.6	mg/kg	46.6	2.8	5	06/14/22 08:05	06/21/22 12:08	7440-39-3	
Cadmium	16.6	mg/kg	0.58	0.066	5	06/14/22 08:05	06/21/22 12:08	7440-43-9	
Chromium	9.3	mg/kg	2.3	0.94	5	06/14/22 08:05	06/21/22 12:08	7440-47-3	
Lead	653	mg/kg	1.2	0.60	5	06/14/22 08:05	06/21/22 12:08	7439-92-1	
Selenium	<2.3	mg/kg	2.3	1.4	5	06/14/22 08:05	06/21/22 12:08	7782-49-2	
Silver	3.1	mg/kg	2.3	0.29	5	06/14/22 08:05	06/21/22 12:08	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471B Preparation Method: EPA 7471B									
Pace Analytical Services - Melville									
Mercury	0.49	mg/kg	0.038	0.024	1	06/14/22 14:03	06/16/22 10:33	7439-97-6	
Percent Moisture									
Analytical Method: ASTM D2216-05M									
Pace Analytical Services - Melville									
Percent Moisture	4.6	%	0.10	0.10	1		06/15/22 15:38		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012208948 6/3
Pace Project No.: 70217802

QC Batch: 260663 Analysis Method: EPA 7471B
QC Batch Method: EPA 7471B Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70217802001, 70217802002, 70217802003, 70217802004

METHOD BLANK: 1316163 Matrix: Solid
Associated Lab Samples: 70217802001, 70217802002, 70217802003, 70217802004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	<0.039	0.039	0.025	06/15/22 14:32	

LABORATORY CONTROL SAMPLE: 1316164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.19	0.17	90	80-120	

MATRIX SPIKE SAMPLE: 1316165

Parameter	Units	70217097004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.040	0.2	0.31	137	80-120 M1	

SAMPLE DUPLICATE: 1316166

Parameter	Units	70217097004 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.040	<0.040		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 012208948 6/3

Pace Project No.: 70217802

QC Batch: 260665

Analysis Method: EPA 7471B

QC Batch Method: EPA 7471B

Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70217802005, 70217802006, 70217802007

METHOD BLANK: 1316168

Matrix: Solid

Associated Lab Samples: 70217802005, 70217802006, 70217802007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	<0.037	0.037	0.024	06/16/22 10:19	

LABORATORY CONTROL SAMPLE: 1316169

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.2	0.20	99	80-120	

MATRIX SPIKE SAMPLE: 1316170

Parameter	Units	70217629001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.64	0.46	1.4	164	80-120 M1	

SAMPLE DUPLICATE: 1316171

Parameter	Units	70217629001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	0.64	0.68	6	20	

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QUALITY CONTROL DATA

Project: 012208948 6/3

Pace Project No.: 70217802

QC Batch: 260553

Analysis Method: EPA 6010D

QC Batch Method: EPA 3050B

Analysis Description: 6010D MET

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70217802001, 70217802002, 70217802003, 70217802004, 70217802005, 70217802006, 70217802007

METHOD BLANK: 1315547

Matrix: Solid

Associated Lab Samples: 70217802001, 70217802002, 70217802003, 70217802004, 70217802005, 70217802006, 70217802007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	<0.49	0.49	0.23	06/21/22 11:45	
Barium	mg/kg	<9.7	9.7	0.59	06/21/22 11:45	
Cadmium	mg/kg	<0.12	0.12	0.014	06/21/22 11:45	
Chromium	mg/kg	<0.49	0.49	0.20	06/21/22 11:45	
Lead	mg/kg	<0.24	0.24	0.13	06/21/22 11:45	
Selenium	mg/kg	<0.49	0.49	0.29	06/21/22 11:45	
Silver	mg/kg	<0.49	0.49	0.060	06/21/22 11:45	

LABORATORY CONTROL SAMPLE: 1315548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	109	82.9	76	75-106	
Barium	mg/kg	364	316	87	77-110	
Cadmium	mg/kg	48.7	42.5	87	75-106	
Chromium	mg/kg	173	151	87	76-110	
Lead	mg/kg	101	88.9	88	81-115	
Selenium	mg/kg	104	86.9	84	71-110	
Silver	mg/kg	29.9	24.2	81	75-113	

MATRIX SPIKE SAMPLE: 1315550

Parameter	Units	70217924003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	5.9	31.8	41.3	111	75-125	
Barium	mg/kg	124	31.8	178	171	75-125	M1
Cadmium	mg/kg	0.28J	31.8	37.8	118	75-125	
Chromium	mg/kg	24.3	31.8	62.3	120	75-125	
Lead	mg/kg	8.4	31.8	48.3	125	75-125	
Selenium	mg/kg	<2.2	31.8	36.9	111	75-125	
Silver	mg/kg	1.4J	15.9	17.3	100	75-125	

SAMPLE DUPLICATE: 1315549

Parameter	Units	70217924003 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/kg	5.9	<3.8		20	
Barium	mg/kg	124	117	6	20	
Cadmium	mg/kg	0.28J	<0.96		20	

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QUALITY CONTROL DATA

Project: 012208948 6/3

Pace Project No.: 70217802

SAMPLE DUPLICATE: 1315549

Parameter	Units	70217924003 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium	mg/kg	24.3	24.7	1	20	
Lead	mg/kg	8.4	9.2	9	20	
Selenium	mg/kg	<2.2	<3.8		20	
Silver	mg/kg	1.4J	<3.8		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 012208948 6/3

Pace Project No.: 70217802

QC Batch: 260784

Analysis Method: ASTM D2216-05M

QC Batch Method: ASTM D2216-05M

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70217802001, 70217802002, 70217802003, 70217802004, 70217802005, 70217802006, 70217802007

SAMPLE DUPLICATE: 1316818

Parameter	Units	70218167001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	29.3	26.7	9	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 012208948 6/3
Pace Project No.: 70217802

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 012208948 6/3
Pace Project No.: 70217802

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70217802001	012208948-0008	EPA 3050B	260553	EPA 6010D	260619
70217802002	012208948-0009	EPA 3050B	260553	EPA 6010D	260619
70217802003	012208948-0010	EPA 3050B	260553	EPA 6010D	260619
70217802004	012208948-0011	EPA 3050B	260553	EPA 6010D	260619
70217802005	012208948-0012	EPA 3050B	260553	EPA 6010D	260619
70217802006	012208948-0013	EPA 3050B	260553	EPA 6010D	260619
70217802007	012208948-0014	EPA 3050B	260553	EPA 6010D	260619
70217802001	012208948-0008	EPA 7471B	260663	EPA 7471B	260688
70217802002	012208948-0009	EPA 7471B	260663	EPA 7471B	260688
70217802003	012208948-0010	EPA 7471B	260663	EPA 7471B	260688
70217802004	012208948-0011	EPA 7471B	260663	EPA 7471B	260688
70217802005	012208948-0012	EPA 7471B	260665	EPA 7471B	260689
70217802006	012208948-0013	EPA 7471B	260665	EPA 7471B	260689
70217802007	012208948-0014	EPA 7471B	260665	EPA 7471B	260689
70217802001	012208948-0008	ASTM D2216-05M	260784		
70217802002	012208948-0009	ASTM D2216-05M	260784		
70217802003	012208948-0010	ASTM D2216-05M	260784		
70217802004	012208948-0011	ASTM D2216-05M	260784		
70217802005	012208948-0012	ASTM D2216-05M	260784		
70217802006	012208948-0013	ASTM D2216-05M	260784		
70217802007	012208948-0014	ASTM D2216-05M	260784		


REPORT OF LABORATORY ANALYSIS

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Chain of Custody / Analysis Request Form Print ALL Information. Incomplete chain of custody could result in the delay of analysis.				EMSL Project # 012208948 Account Rep: <u>CHUE80</u> Indicate State where samples were collected: <u>NY</u>			
EMSL Analytical, Inc. Environmental Chemistry Lab Service 200 Route 130 North, Cinnaminson, NJ 08077 TEL: (856) 858-4800 FAX: (856) 786-5974				SEND INVOICE TO: Name: PO#: _____ Company _____ Address: 200 Route 130 North City: Cinnaminson State: NJ Zip: 08077 Tel: 800-220-3675 Fax: 856-854-2362			
REPORT RESULTS TO: Name: Debbie Kreider PO#: _____ Company EMSL Analytical, Inc. Address: 200 Route 130 North City: Cinnaminson State: NJ Zip: 08077 Tel: 856-303-2548 ext. 2548 Fax: 856-854-2362 Email: dkreider@emsl.com falbert@emsl.com				Turnaround Time – 10 Business Days DUE 6/23 Pace-Long Island 575 Broadhollow Road Melville, NY 11747 PROJECT NAME: Date of Sample Shipment: 6/6/22			
# of Samples in Shipment: <u>1</u>				List Method and Test Needed			
Sampled by: (Signature) _____		Matrix			Preservative		Sampling
		WASTE WATER SOIL AIR SLUDGE OTHER HCl HNO3 Na2S2O3 ICE	DATE	TIME	RCRA 8 metals		
Lab Sample Number	Client Sample ID	Comp	Grab	DATE	TIME	RCRA 8 metals	Condition Noted
1.	012208948-0008			6/3		X	
2.	012208948-0009			6/3		X	
3.	012208948-0010			6/3		X	
4.	012208948-0011			6/3		X	
5.	012208948-0012			6/3		X	
6.	012208948-0013			6/3		X	
7.	012208948-0014			6/3		X	
8.							
Released By Signature <i>Colleen Pollock</i>		Date & Time Released 6/6/22		Delivery Method FedEx		Agency Dec 4	
Date & Time Received 6/6/22 1:00		Condition Noted					

Please indicate reporting requirements: ☐ 1. Results Only ☒ 2. Results and QC ☐ 3. Reduced Deliverables ☐ 4. Disk Deliverable ☐ 5. Other _____

Comments: Please analyze for RCRA 8 metals (As, Ba, Cd, Cr, Pb, Hg, Se and Ag)

WO#: 70217802

 70217802

Page 21 of 22



Sample Condition Upon Receipt

WO#: 70217802

Client Name:

Project

PM: KMM

Due Date: 06/16/22

CLIENT: EMSL-NJ

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 2741 0370 3740

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☐ No ☒ N/ATemperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: H091 H189 Correction Factor: + 0.1

☐ Samples on ice, cooling process has begun

Cooler Temperature(°C): 12.1 Cooler Temperature Corrected(°C): 15.2

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: AD 6/10/22

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☒ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

COMMENTS:			
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9.
-Pace Containers Used:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: SLWT OIL			
All containers needing preservation have been checked?	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #			Sample #
All containers needing preservation are found to be in compliance with method recommendation?			
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
NaOH>12 Cyanide)			
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).			
Per Method, VOA pH is checked after analysis			Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #			
Residual chlorine strips Lot #			
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM [Project Manager] review is documented electronically in LIMS.

ENV-FRM-MELV-0024 01



If you have any questions regarding this report, please feel free to call our office.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Nanno". The signature is fluid and cursive, with the first name "Joe" and last name "Nanno" clearly distinguishable.

Joe Nanno
Project Manager
Churchill Environmental, Inc.

APPENDIX B
GPRS – UTILITY LOCATIONS

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022



GPRS

DISCLAIMERS

- 1. THE DATA WAS AUTOMATICALLY GENERATED DIRECTLY FROM DATA COLLECTED IN THE FIELD. IT IS INTENDED TO DOCUMENT HAZARDOUS WASTE SITES AND NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT GUARANTEED TO BE 100% ACCURATE AND SHOULD BE USED AS A GUIDE ONLY.
- 2. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 3. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 4. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 5. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 6. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 7. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 8. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 9. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.
- 10. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE DATA IS NOT TO BE USED FOR ANY OTHER PURPOSES.

LEGEND

- FUEL/GAS/OIL
- UNKNOWN
- WATER



811 Know what's below. Call before you dig.

FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR
EARTH SYSTEMS

LOCATION:

301 WOLF ST.
SYRACUSE, NY

PROJECT MANAGER

JOE GOODFELLOW
JOE.GOODFELLOW@GPRSINC.COM

DATE 2022 AUG 19

DRAWING NO. 1 REV. 0

Map data ©2022 Imagery ©2022 Maxar Technologies, New York GIS

APPENDIX C
SUBSURFACE LOGS

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS In front of building on Park Street

LOGGED BY JS
CHECKED BY Rob Nigolian

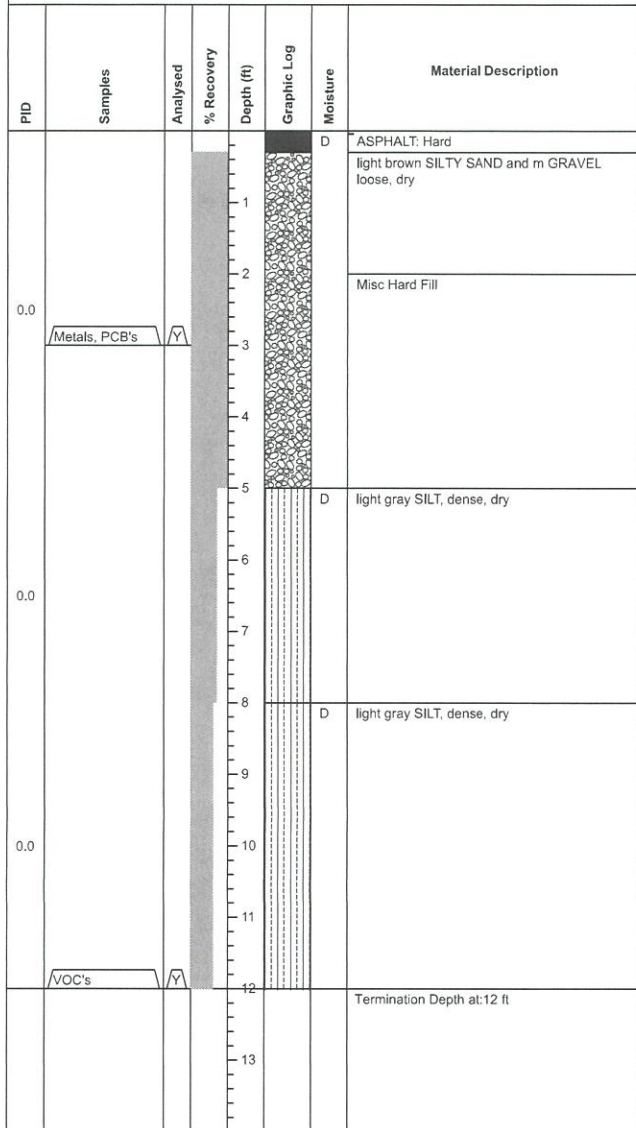
PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				0.0		D	ASPHALT: Hard
				1			light brown SILTY SAND loose, dry
				2			Misc Hard Fill
				3			
				4			
				5		D	light gray SILT, dense, dry
				6			
				7			
				8		D	light gray SILT, dense, dry
				9			
				10			
				11			
	VOC's and SVOC's			12			Termination Depth at:12 ft
				13			

Disclaimer This bore log is intended for environmental not geotechnical purposes.
produced by ESlog.ESdat.net on 25 Aug 2022

Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS In front of building on Park Street	LOGGED BY JS
	CHECKED BY Rob Nigolian



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PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS In front of building on Park Street

LOGGED BY JS

CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
						D	ASPHALT: Hard
							light brown SILTY SAND loose, dry
0.0				1			
				2			Misc Hard Fill
				3			
				4			
				5		D	light gray SILT, dense, dry
0.0				6			
				7			
				8		D	light brown SILT, dense, dry
0.0				9			
				10			
				11			
	VOC's and SVOC's			12			Termination Depth at:12 ft
				13			

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Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS behind building	LOGGED BY JS
	CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND loose, wet
				2			Misc Hard Fill
0.0	Metals	Y		3			
				4			
				5		D	light brown SILT, dense, dry
0.0				6			
				7			
				8		D	light gray SILT, dense, dry
				9			
0.0				10			
				11			
	VOC's	Y		12			Termination Depth at:12 ft
				13			

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PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS behind building

LOGGED BY JS

CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND loose, wet
				2			Misc Hard Fill
0.0	Metals	Y		3			
				4			
				5		D	light gray SILT, dense, dry
0.0				6			
				7			
				8		D	light gray SILT, dense, dry
0.0				9			
				10			
				11			
	VOC's, SVOC's	Y		12			Termination Depth at:12 ft
				13			

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produced by ESlog,ESdat.net on 25 Aug 2022

Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS behind building	LOGGED BY JS
	CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND loose, wet
				2			Misc Hard Fill
0.0	Metals	Y		3			
				4			
				5		D	light brown SILT, dense, dry
0.0				6			
				7			
				8		D	light gray SILT, dense, dry
0.0				9			
				10			
				11			
	VOC's	Y		12			Termination Depth at:12 ft
				13			

Disclaimer This bore log is intended for environmental not geotechnical purposes.
produced by ESlog.ESdat.net on 25 Aug 2022

Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 12'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS behind building	LOGGED BY JS
	CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND and m GRAVEL loose, wet
				2			Misc Hard Fill
0.0	Metals, PCB's	Y		3			
				4			
				5		D	light gray SILT, dense, dry
0.0				6			
				7			
				8		D	light gray SILT, dense, dry
				9			
0.0				10			
				11			
	VOC's	Y		12			Termination Depth at:12 ft
				13			

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produced by ESlog.ESdat.net on 25 Aug 2022

Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 19'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS Behind building	LOGGED BY JS
	CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
0.0	Metals, PCB's	Y		1		W	light brown SILTY SAND and m GRAVEL loose, wet
				2			Misc Hard Fill
				3			
				4			
				5		D	light brown SILT, dense, Dry
0.0				6			
				7			
				8		D	light brown SILT, dense, Dry
0.0				9			
				10			
				11			
				12			light gray SILT, dense, dry
				13			
				14			
				15			
				16			light gray SILT, dense, dry
				17			
				18			
	VOC's, SVOC's	Y		19			Termination Depth at:19 ft

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Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 16'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS Behind building	LOGGED BY JS
	CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND and m GRAVEL loose, wet
				2			Misc Hard Fill
0.0	Metals	Y		3			
				4			
				5		D	light brown SILT, dense, dry
0.0				6			
				7			
				8		M	light brown SILT, loose, moist
0.0				9			
				10			
				11			
				12		D	light gray SILT, dense, dry
0.0				13			
				14			
				15			
	VOC's, SVOC's	Y		16		D	Termination Depth at:16 ft

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Page 1 of 1

PROJECT NUMBER 0000	DRILLING DATE 8/22/22-8/23/22	COORDINATES 43.071735, -76.1649614
PROJECT NAME Soil Boring Investigation	TOTAL DEPTH 16'	COORD SYS -
CLIENT Fig Tree Properties	DIAMETER 3"	COMPLETION 8/23/22
ADDRESS 1920 Park Street/301 Wolf Street	CASING NA	SURFACE ELEVATION 380 Feet above sea level
LICENCE NO.	SCREEN NA	WELL TOC NA

COMMENTS Behind building

LOGGED BY JS

CHECKED BY Rob Nigolian

PID	Samples	Analysed	% Recovery	Depth (ft)	Graphic Log	Moisture	Material Description
				1		W	light brown SILTY SAND and m GRAVEL loose, wet
				2			Misc Hard Fill
0.0				3			
	Metals, PCB's	Y		4			
				5		D	light brown SILT, dense, Dry
0.0				6			
				7			
				8		D	light gray SILT, dense, Dry
0.0				9			
				10			
				11			
				12			light gray SILT, dense, dry
				13			
				14			
				15			
	VOC's	Y		16			Termination Depth at:16 ft

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Page 1 of 1

APPENDIX D
LABORATORY ANALYTICAL REPORT

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

Fig Tree Properties, LLC
301 Wolf Street & 1920 Park Street
Syracuse, New York
September 2022

September 14, 2022

Mr. Robert Nigolian
Earth Systems Environmental Engineering
6700 Old Collamer Road
Suite 112
East Syracuse, NY 13057

RE: Project: Fig Tree Properties, LLC
Pace Project No.: 30517559

Dear Mr. Nigolian:

Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Long Island
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Amber D. Carr
amber.carr@pacelabs.com
(724)850-5600
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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