ENVIRONMENTAL SITE ASSESSMENT

Located At:

3800 Highland Avenue
Niagara Falls NY

PREPARED FOR:

e2i Acquisitions
75 Bird Ave
Buffalo NY 14213

PREPARED BY:

ACS
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March 2022

TABLE OF CONTENTS

EXECUTIVE SUMMARY

The purpose of this Phase II Environmental Site Assessment (ESA) is to advance the findings of a Phase I and 2 ESA previously conducted at 3800 Highland Avenue, Niagara Falls, Niagara County, New York. The Previous ESA were conducted by the NYSDEC during a previous evaluation and remediation on the site. The scope of this Phase II ESA includes a subsurface investigation and soil sample collection and analysis.

The following findings are made in this Phase II ESA:

1. Fill was generally observed at limited locations on the Site from beneath the ground to as deep as approximately 1-3'feet bgs. The fill material consists of a mixture of soil types (silt and/or clay), brick, concrete, and ash material In the soil trench, beneath the fill material was native clay.
2. Contaminant concentrations in subsurface soils at TP-4 exceeded New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs), for semi- volatile organic compounds (SVOCs), These results were indicative of petroleum related products. The area was on the back side of the property near the former landfill.
3. TP-2 had some small amount of TENORM that was found, it appeared to be a small amount, additional trench's around the TP-2 were excavated and nothing was found.

Discussion and Conclusions

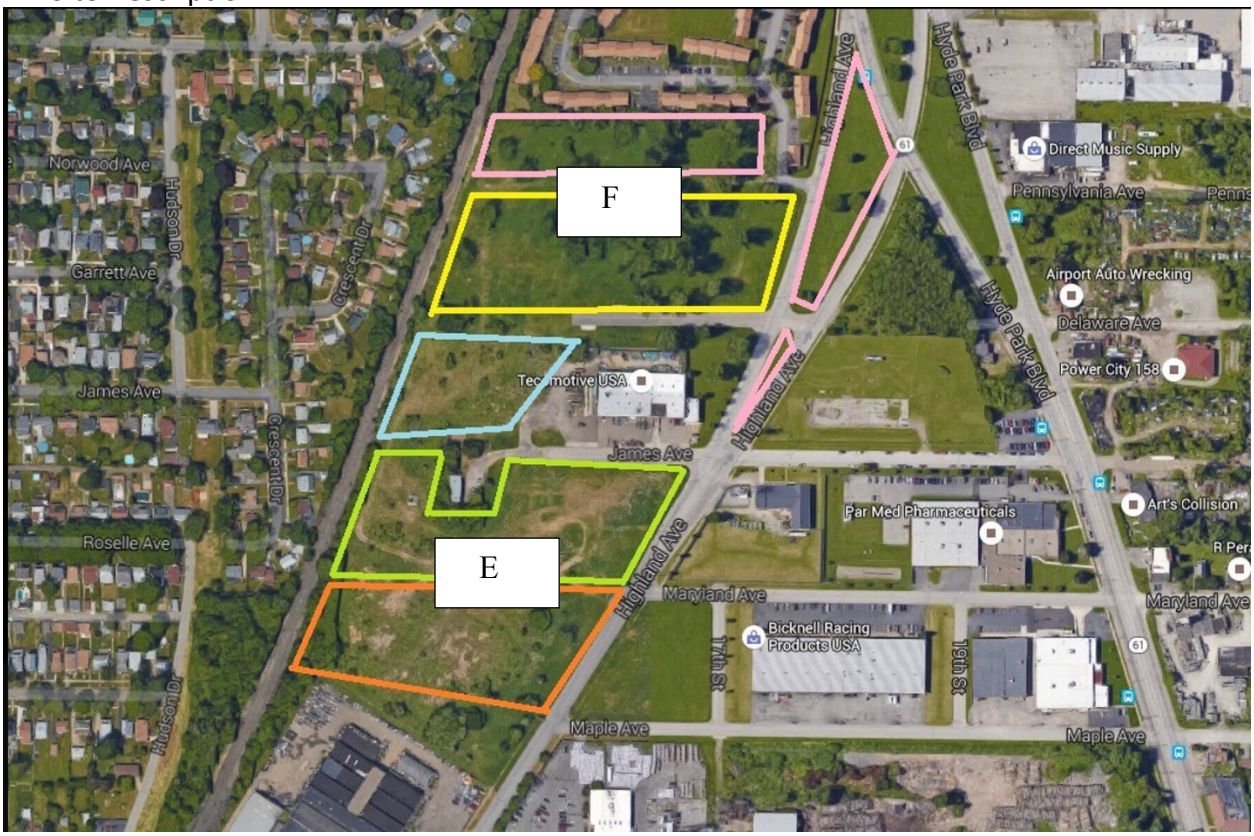
This Phase II ESA was designed to assess the site potential HRECs identified. In general, minimal contamination was encountered at the Site, and minimal elevated concentrations of VOC, SVOCs. and Metals were encountered in the soils.

The screening and sampling results did not reveal significant contaminant concentrations in the areas of historical landfill or in the area of the previous manufacturing area.

Taking a conservative approach, if any invasive site improvement (i.e., earthwork, utility construction) is conducted, if and unknown materials if found should be set aside for further evaluation.The fill material in TP-4 would need to be disposed of it would appear that it could not be reused. The fill material was at surface levels and no deeper then 3'bgs. TENORM would need to be disposed if disturbed on site.

1.0 INTRODUCTION

1.1 Site Description



SITE E

The Chisolm Ryder site may be entered off the west side of Highland Avenue in Niagara Falls, New York. NYSDEC file on the site indicates that industrial (oil and absorbent floor sweepings in drums and fiber packs and ash and cinders from a former coal fired boiler) and other rubble were landfilled at the site.

The site is approximately 2.8 miles north-northeast of downtown Niagara Falls. The site is bordered by a vacant lot and industrial properties to the east (across Highland Avenue), an industrial property to the south, a residence and industrial property to the north, and railroad tracks to the west. No leachate seeps were found. Much of the site is vegetated with tall grass or trees but a few areas are sparsely vegetated. Waste (mostly concrete rubble) was observed protruding rom the cover material or laying at the surface on the southwestern forested part of the site

The Chisholm-Ryder Company manufactured food harvesting and processing equipment from the mid - 1880s to the mid - 1980s. Their operations included machining, metal fabrication, machinery assembly, parts degreasing, parts painting and metal plating. The subject properties were used as a landfill for the Chisholm-Ryder Company.

A Phase I ESA completed in 1986 indicated that Chisholm-Ryder historically owned a 20 acre parcel north of the plant site. The northern portion of the 20 acre property was used for wartime housing and is discussed in this report as Highland Avenue Site A. The southernmost portion of this property was operated as a landfill from the mid- 1940s to the late 1950s. The subject property is this former landfill. Reportedly. combustible plant refuse, sludges from vapor degreasing and plating operations, boiler a.sh, coolant fluids and paint filters were disposed of in the landfill. In addition, spent solvents and sawdust floor sweepings used as an absorbent for small spills were potentially interred in this landfill. Additionally, fill, construction and demolition debris from the New York Power Authority power tunnels project were disposed of at this landfill and form the existing cover.

A Phase II ESA was completed in 1989 and focused on the landfill property. The Phase II ESA identified the presence of heavy metals and volatile organics in the groundwater. One waste sample was collected and analyzed and did not indicate the presence of hazardous waste.

SITE F

Highland Avenue Site A is located on the west side of Highland Avenue, between Lafayette and James Avenues. The property is bounded to north by the Monteagle Ridge Estates apartment complex, to the south by Tecmotiv, a company that manufactures and remanufactures engines for the military, and a vacant lot used to store fill consisting of asphalt, brick stone, and soil. Adjoining the subject property to the west is a railroad right-of-way, and residential properties, and to the east is Highland Avenue The property is approximately 6.3 acres in size and consists of adjoining parcels with no structures.

The property was first developed in the 1940s as the Hyde Park Village, a war housing project, which was demolished in the early 1950s. This housing project was followed by a mobile home park which occupied the subject property until the late 1950s. Since the demolition of the trailer park, the subject property has remained vacant land. Additionally, historical property cards indicated the property was owned by Chisholm- Ryder Co. Inc. from at least 1981 until 1989.

2.0 SITE INVESTIGATION METHODS

2.1 Subsurface Investigation

Armand Cerrone excavated 18 soil trench's from ground surface to various depth though out the site. Figure 1 shows the sampling locations. Each trench location was assessed for visual impairment, olfactory indications of impairment, total VOCs using a photoionization detector (PID) and sampled. Material description and physical evidence of contamination (odors, staining or sheen) of each trench sample was recorded on soil trench logs provided in Appendix A.

Samples were collected and placed in a pre -cleaned bottles. Head space readings for samples were conducted using a Mini-Rae 3000 photo-ionization detector ("PID") with an 11.7-volt lamp. The PID head space readings as well as readings taken from the trench soils for all samples and the depths of the selected laboratory analysis samples are recorded on the soil trench logs provided in Appendix A.

Samples were collected from the urban fill on the Site and were selected to provide coverage worst case scenario of the Site. These samples were collected and placed in pre-clean bottles supplied by the laboratory.

The soil samples were analyzed for analytes in 6 NYCRR Part 375-6.8 semi-volatile organic compounds (SVOCs), and heavy metals. Paradigm Environmental, Inc. was contracted to analyze soil samples for, SVOCs using EPA Method 8270D, and Metals The soil sample analytical results are in Appendix B.

2.2 TENORM investigation

An investigation was conducted at the site during the test pit excavation. The material was found in only TP-2. In the Niagara Falls NY area this material was generated from phosphorus production during the 1900-1970. The slag material has been used throughout WNY for fill material. At TP-2 the counts were 90,000cpm which is 18x the background levels of 5000cpm

3.0 PHASE II ESA FINDINGS

Soil samples were collected from 3 trench. The table below summarizes the location and the depth of the samples and the total depths of the soil trench.

Table 3-1: Summary of Collected Subsurface Soil Samples

Trench ID	Sample Depth (ft. bgs)	Total Depth (ft. bgs)	PID Reading
TP-4	3	6	0
TP-7	1-2	6	0
TP-12	1-2	6	0

Significant staining and odors were not observed in the trench at the Site. PID VOC screening measurements were absent throughout the Site.

Table 3-2 Summary of Sample Results

Constituent -PPM	Restricted Residential Use	Commercial	Industrial Use	TP-4	TP-7	TP-12
METALS						
Arsenic	16	16	16	4.08	2.41	2.98
Barium	400	400	400	124	62.7	72.2
Beryllium	72	590	590	<		<
2.98Cadmium	4.3	9.3	9.3	0.93	0.51	0.32
Chro72.2mium	180	1500	1500	37.6	22	18.1
Copper<	270	270	270	32.7	22.5	35.8
Lead 0.32	400	1100	1100	53.2	78.4	17.6
Manganese	2000	10,000	10,000	493	625	355
Mercury (total)	0.81	2.8	2.8	0.145	0.0857	0.45
Selenium	180	1500	1500	<	<	<<
Silver	180	1500	1500	<	<	<
Zinc	10,000	10,000	10,000	281	136	58.7
		Semi-Volatile Organic Compounds -PPM				
Constituent	**Restricted Residential Use**	**Commercial**	**Industrial Use**	**TP-4**	**TP-7**	**TP-12**
Acenaphthene	100	100	100	<	<	<
Acenapthylene	100	500	500	<	<	<
Anthracene	100	500	500	<	<	<
Benz(a)anthracene	1	5.6	5.6	**851**	<	<
Benzo(a)pyrene	1	1	1	**516**	<	<
Benzo(b)fluoranthene	1	5.6	5.6	**833**	<	<
Benzo(g,h,i)perylene	100	500	500	**514**	<	<
Benzo(k)fluoranthene	3.9	56	56	452	<	<
Chrysene	3.9	56	56	755	<	<
Dibenz(a,h)anthracene	.33	.56	.56	<	<	<
Fluoranthene	100	500	500	<	<	<
Fluorene	100	500	500	1510	<	<
Indeno	.5	56	56	<	<	<
m-Cresol	100	500	100	<	<	<
Naphthalene	100	500	500	**590**	<	<
Pentachlorophenol	6.7	6.7	6.7	<	<	<
Phenanthrene	100	500	500	**881**	<	<
Phenol	100	500	500	<	<	<
Pyrene	100	500	500	1030	<	<

5.0 DISCLAIMER

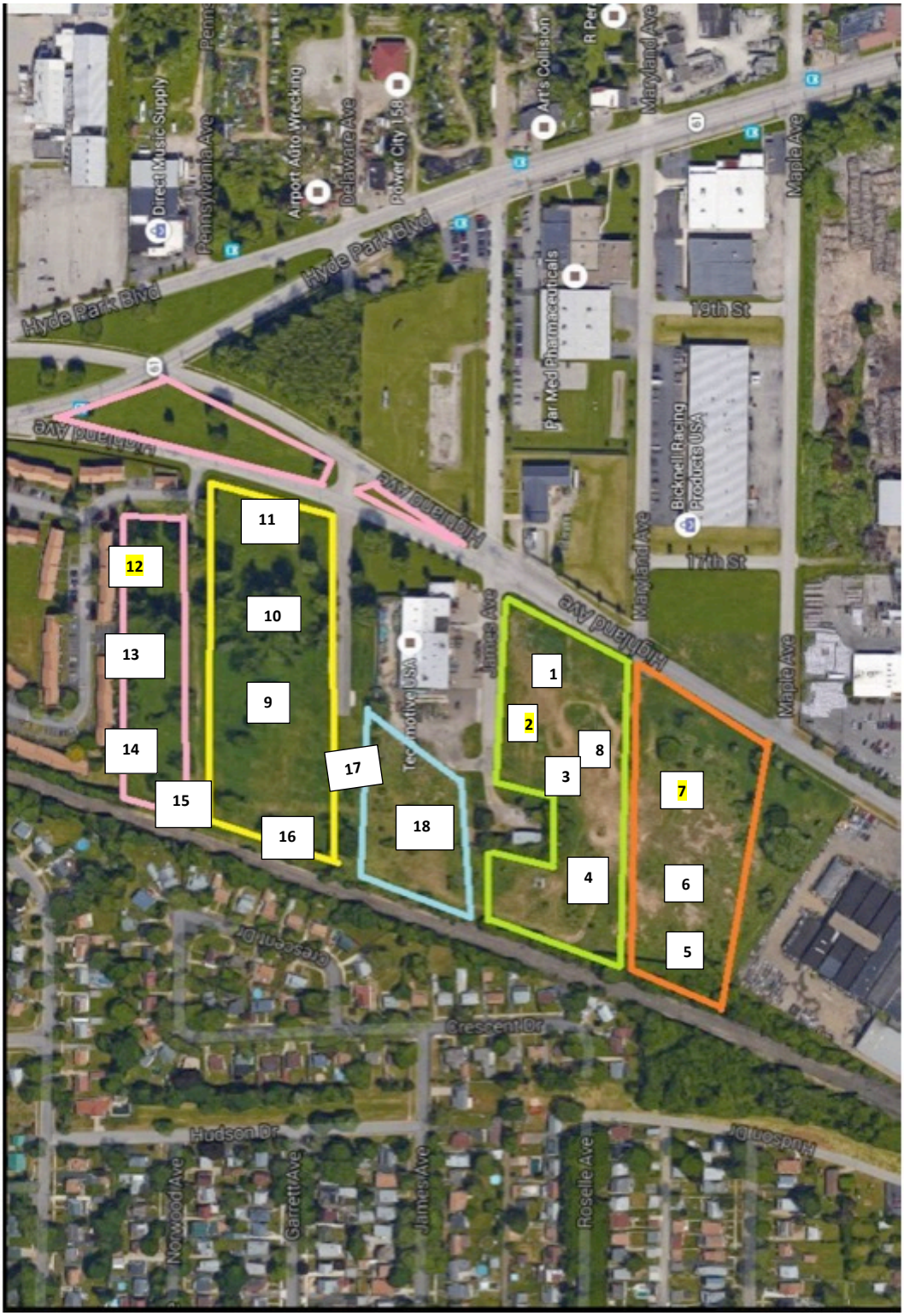
ACS's conclusions are based on conditions that existed on the Site on March 2022. Past and present conditions that could not be observed were established on the basis of documents. ACS cannot attest to the completeness of accuracy of these materials.

This report was prepared by ACS expressly and exclusively for use by e2i, its successors and/or assigns. Except where specifically stated to the contrary, the information contained herein was provided to ACS by others and has not been verified independently or otherwise examined to determine its accuracy, completeness, or feasibility. In addition, ACS may have had to rely upon the assumptions, especially as to future conditions and events. Accordingly, neither ACS nor any person acting on its behalf (a) makes any warranty or representation, whether expressed or implied, concerning the usefulness of the information contained in this report, or (b) assumes liabilities with respect to the use of or for damages resulting from the use of any information contained in this Environmental Site Assessment (ESA) report. Further, ACS cannot promise that any assumed conditions will come to pass.

No one is authorized to rely on this report for any purpose, except to the extent that such reliance is specifically authorized in writing by ACS. Any person who intends to take action, which is in any way related to or affected by the information contained herein, should independently verify all such information. The report speaks only as of the date issued.

Future regulatory modifications, agency interpretation, or policy changes may affect the compliance status of the property.

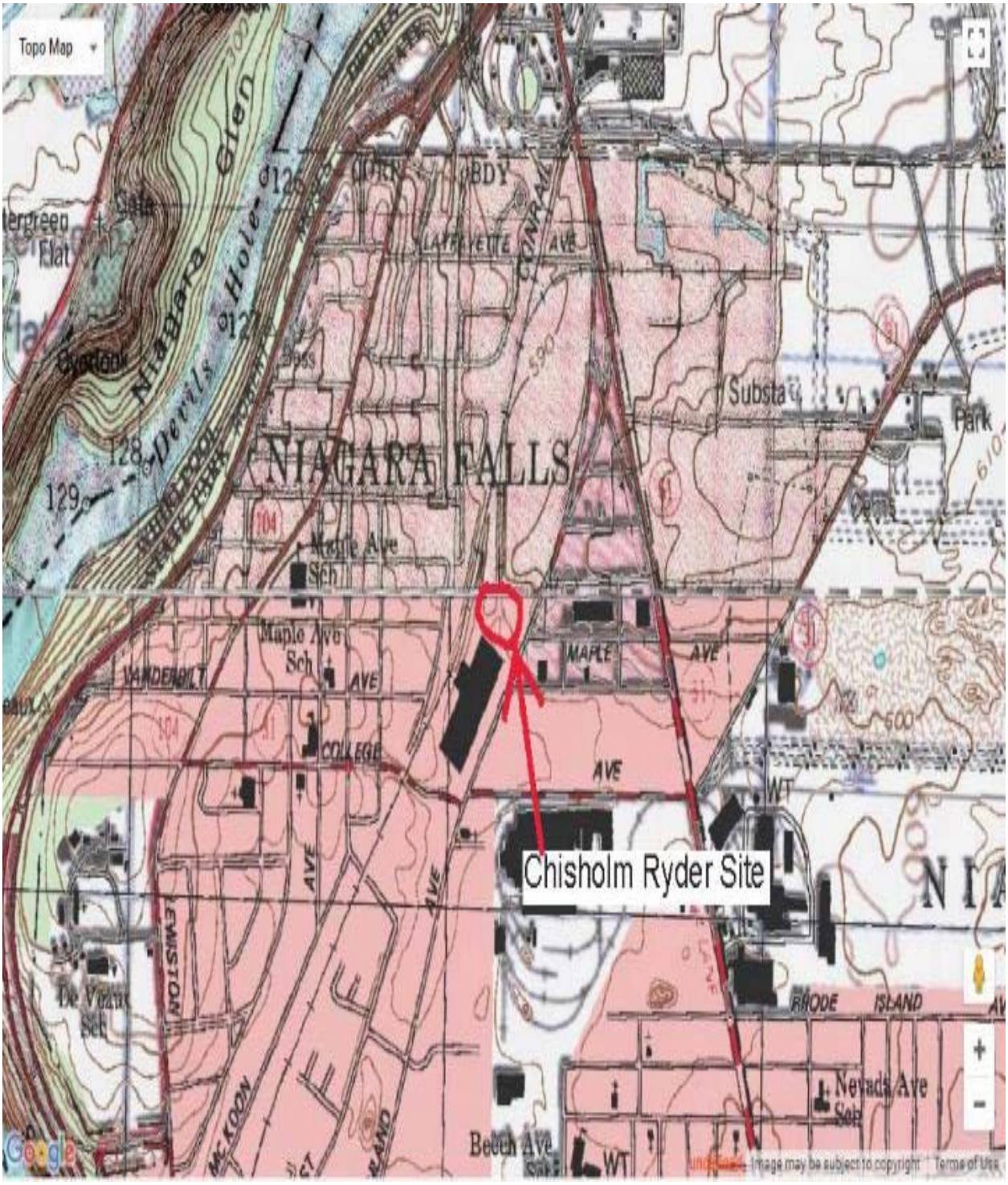
FIGUIRE 1 – TRENCH LOCATIONS



TEST PIT #2 – Small amount of TENORM

TEST PIT #4- Small amount of Petroleum Contamination

SITE LOCATION



SITE PHOTOGRAPHS

TEST PIT 2 - TENORM

TEST PIT 3

TEST PIT 4 - SAMPLE TAKEN

TEST PIT 5

TEST PIT & SAMPLE TAKEN 7

TEST PIT 8

TSET PIT 10

TEST PIT 12 SAMPLE TAKEN

TEST PIT 14

TEST PIT 15

TEST PIT 16

TEST PIT 17

ACS, Inc.

Project:	Log Boring Location –
116 HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #1

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-3' CLEAN SOIL 3-4' CLAY
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #2

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-1' SOIL
2				1-2' TENORM * 90,000 cpm (BKLD 5,800 cpm)
3				2-3' SOIL/GRAVEL
4				3-5' CLAY
5				
6				OFFSET 6' EAST
7				0-2' SOIL
8				2-6' CLAY
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #3

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	TAKEN ON WEST SIDE OF BERM -
2				0-1' CLEAN SOIL
3				1-3' FILL/BRICK
4				3-5' CLAY
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE.	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #4

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		1	0.0	0-5' CLEAN FILL / STONE 0-4'
2				4-5' CLAY
3				SAMPLE TAKEN @ 2-3'
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #5

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-4' FILL/GRAVEL/BRICK
2				
3				4-5' CLAY
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
~~NA~~	TEST PIT #6

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-3' FILL/ROCK
2				
3				3-4' CLAY
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #7

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1				
2		2	0.0	0-3' ROCK / FILL / BLACK MATERIAL
3				SAMPLE #2 TAKEN 2-3'
4				3-4' CLAY
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #8

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-5' CLEAN FILL
2				6' CLAY
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #9

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-3' SOIL/BRICK/FILL 3-5' CLAY
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT # 10

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1				EAST SIDE OF BERM
2		N/A.	0.0	0-2' SOIL
3				2-4' BRICK/STONE
4				4-7' CLAY
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT # 11

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1				- TOP OF BERM -
2				0-4' SOIL/STONE/BRICK
3				4-7' CLAY
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #12

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		3	0.0	0-1 SOIL 1-3 LENS BLACK MATERIAL 3-6' SOIL TO CLAY SAMPLE #3 TAKEN
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project: HIGHLAND AVE	Log Boring Location –
Date 3-15-22	Driller: A. CERRONE
Groundwater Depth N/A	TRENCH TEST PIT # 13

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-3' SOIL 3-5' CLAY
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project: HIGHLAND AVE	Log Boring Location –
Date: 3-15-22	Driller: A. CERRONE
Groundwater Depth: N/A	TRENCH: TEST PIT #14

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	O.U.	0-4' SOIL 4-5' CLAY
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project: HIGHLAND AVE	Log Boring Location –
Date 3-15-22	Driller: A. CERRONE
Groundwater Depth N/A	TRENCH TEST PIT #15

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1				0-1' SOIL
2				1-3' ~~Asph~~ (SP) Asphalt/STONE
3				
4				3-5' CLAY
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #16

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-1' SOIL
2				1-2' GRAVEL/BRICK
3				2-5' CLAY
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE.	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #17

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0	0-2' SOIL/GRAVEL
2				2-4' CLAY
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

ACS, Inc.

Project:	Log Boring Location –
HIGHLAND AVE	N/A
Date	**Driller:**
3-15-22	A. CERRONE
Groundwater Depth	**TRENCH**
N/A	TEST PIT #18

Depth		Sample #	PID Reading	Material Description (ASTM D2488)
1		N/A	0.0.	0-2' SOIL/GRAVEL/BRICK
2				2-4' CLAY
3				
4				
5				
6				
7				
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10				
11				
12				
13				
14				
15				
16				

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

ACS

For Lab Project ID

221094

Referencing

Highland Ave

Prepared

Thursday, March 24, 2022

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: TP-4
Lab Sample ID: 221094-01 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**4.08**	mg/Kg		3/22/2022 18:03
Barium	**124**	mg/Kg		3/22/2022 18:03
Beryllium	< 0.282	mg/Kg		3/22/2022 18:03
Cadmium	**0.938**	mg/Kg		3/22/2022 18:03
Chromium	**37.6**	mg/Kg		3/22/2022 18:03
Copper	**32.7**	mg/Kg		3/22/2022 18:03
Lead	**53.2**	mg/Kg		3/22/2022 18:03
Manganese	**494**	mg/Kg		3/22/2022 18:03
Nickel	**33.1**	mg/Kg		3/22/2022 18:03
Selenium	< 1.13	mg/Kg		3/22/2022 18:03
Silver	< 0.563	mg/Kg		3/22/2022 18:03
Zinc	**281**	mg/Kg		3/22/2022 18:03

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
Data File: 220322B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.145**	mg/Kg		3/23/2022 09:44

Method Reference(s): EPA 7471B
Preparation Date: 3/22/2022
Data File: Hg220323C

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
2-Methylphenol	< 342	ug/Kg		3/21/2022 19:12
3&4-Methylphenol	< 342	ug/Kg		3/21/2022 19:12
Acenaphthene	< 342	ug/Kg		3/21/2022 19:12
Acenaphthylene	< 342	ug/Kg		3/21/2022 19:12

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: TP-4
Lab Sample ID: 221094-01 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Anthracene	< 342	ug/Kg		3/21/2022 19:12
Benzo (a) anthracene	**851**	ug/Kg		3/21/2022 19:12
Benzo (a) pyrene	**516**	ug/Kg		3/21/2022 19:12
Benzo (b) fluoranthene	**833**	ug/Kg		3/21/2022 19:12
Benzo (g,h,i) perylene	**514**	ug/Kg		3/21/2022 19:12
Benzo (k) fluoranthene	**452**	ug/Kg		3/21/2022 19:12
Chrysene	**755**	ug/Kg		3/21/2022 19:12
Dibenz (a,h) anthracene	< 342	ug/Kg		3/21/2022 19:12
Dibenzofuran	< 342	ug/Kg		3/21/2022 19:12
Fluoranthene	**1510**	ug/Kg		3/21/2022 19:12
Fluorene	< 342	ug/Kg		3/21/2022 19:12
Hexachlorobenzene	< 342	ug/Kg		3/21/2022 19:12
Indeno (1,2,3-cd) pyrene	**590**	ug/Kg		3/21/2022 19:12
Naphthalene	< 342	ug/Kg		3/21/2022 19:12
Pentachlorophenol	< 685	ug/Kg		3/21/2022 19:12
Phenanthrene	**881**	ug/Kg		3/21/2022 19:12
Phenol	< 342	ug/Kg		3/21/2022 19:12
Pyrene	**1030**	ug/Kg		3/21/2022 19:12

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**72.2**	35.4 - 92.4		3/21/2022 19:12
2-Fluorobiphenyl	**43.7**	39.6 - 84.4		3/21/2022 19:12
2-Fluorophenol	**39.9**	35.5 - 78.9		3/21/2022 19:12
Nitrobenzene-d5	**27.7**	36.5 - 78.2	*	3/21/2022 19:12
Phenol-d5	**40.8**	37.1 - 78.3		3/21/2022 19:12
Terphenyl-d14	**53.5**	42.3 - 103		3/21/2022 19:12

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/18/2022
Data File: B60558.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: #2 TP #7
Lab Sample ID: 221094-02 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**2.41**	mg/Kg		3/23/2022 12:07
Barium	**62.7**	mg/Kg		3/22/2022 18:07
Beryllium	< 0.273	mg/Kg		3/22/2022 18:07
Cadmium	**0.513**	mg/Kg		3/22/2022 18:07
Chromium	**22.0**	mg/Kg		3/22/2022 18:07
Copper	**22.5**	mg/Kg		3/22/2022 18:07
Lead	**78.4**	mg/Kg		3/22/2022 18:07
Manganese	**526**	mg/Kg		3/22/2022 18:07
Nickel	**14.2**	mg/Kg		3/22/2022 18:07
Selenium	< 1.09	mg/Kg		3/22/2022 18:07
Silver	< 0.546	mg/Kg		3/22/2022 18:07
Zinc	**136**	mg/Kg		3/22/2022 18:07

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
Data File: 220323B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.0857**	mg/Kg		3/23/2022 09:50

Method Reference(s): EPA 7471B
Preparation Date: 3/22/2022
Data File: Hg220323C

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
2-Methylphenol	< 3230	ug/Kg		3/23/2022 18:09
3&4-Methylphenol	< 3230	ug/Kg		3/23/2022 18:09
Acenaphthene	< 3230	ug/Kg		3/23/2022 18:09
Acenaphthylene	< 3230	ug/Kg		3/23/2022 18:09

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: #2 TP #7
Lab Sample ID: 221094-02 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Anthracene	< 3230	ug/Kg	3/23/2022	18:09
Benzo (a) anthracene	< 3230	ug/Kg	3/23/2022	18:09
Benzo (a) pyrene	< 3230	ug/Kg	3/23/2022	18:09
Benzo (b) fluoranthene	< 3230	ug/Kg	3/23/2022	18:09
Benzo (g,h,i) perylene	< 3230	ug/Kg	3/23/2022	18:09
Benzo (k) fluoranthene	< 3230	ug/Kg	3/23/2022	18:09
Chrysene	< 3230	ug/Kg	3/23/2022	18:09
Dibenz (a,h) anthracene	< 3230	ug/Kg	3/23/2022	18:09
Dibenzofuran	< 3230	ug/Kg	3/23/2022	18:09
Fluoranthene	< 3230	ug/Kg	3/23/2022	18:09
Fluorene	< 3230	ug/Kg	3/23/2022	18:09
Hexachlorobenzene	< 3230	ug/Kg	3/23/2022	18:09
Indeno (1,2,3-cd) pyrene	< 3230	ug/Kg	3/23/2022	18:09
Naphthalene	< 3230	ug/Kg	3/23/2022	18:09
Pentachlorophenol	< 6450	ug/Kg	3/23/2022	18:09
Phenanthrene	< 3230	ug/Kg	3/23/2022	18:09
Phenol	< 3230	ug/Kg	3/23/2022	18:09
Pyrene	< 3230	ug/Kg	3/23/2022	18:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	NC	35.4 - 92.4		3/23/2022	18:09
2-Fluorobiphenyl	NC	39.6 - 84.4		3/23/2022	18:09
2-Fluorophenol	NC	35.5 - 78.9		3/23/2022	18:09
Nitrobenzene-d5	NC	36.5 - 78.2		3/23/2022	18:09
Phenol-d5	NC	37.1 - 78.3		3/23/2022	18:09
Terphenyl-d14	NC	42.3 - 103		3/23/2022	18:09

Reporting limit elevated due to sample matrix

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/18/2022
Data File: B60606.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: #3 TP 12
Lab Sample ID: 221094-03 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**2.98**	mg/Kg	D	3/22/2022 18:12
Barium	**72.2**	mg/Kg	M	3/22/2022 18:12
Beryllium	< 0.285	mg/Kg		3/22/2022 18:12
Cadmium	**0.327**	mg/Kg	D	3/22/2022 18:12
Chromium	**18.1**	mg/Kg	D	3/22/2022 18:12
Copper	**35.8**	mg/Kg		3/22/2022 18:12
Lead	**17.6**	mg/Kg	DM	3/22/2022 18:12
Manganese	**355**	mg/Kg	DM	3/22/2022 18:12
Nickel	**14.3**	mg/Kg	M	3/22/2022 18:12
Selenium	< 1.14	mg/Kg		3/22/2022 18:12
Silver	< 0.570	mg/Kg		3/22/2022 18:12
Zinc	**58.7**	mg/Kg		3/22/2022 18:12

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
Data File: 220322B

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.450**	mg/Kg		3/23/2022 10:36

Method Reference(s): EPA 7471B
Preparation Date: 3/22/2022
Data File: Hg220323C

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
2-Methylphenol	< 3380	ug/Kg		3/23/2022 18:37
3&4-Methylphenol	< 3380	ug/Kg		3/23/2022 18:37
Acenaphthene	< 3380	ug/Kg		3/23/2022 18:37
Acenaphthylene	< 3380	ug/Kg		3/23/2022 18:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 221094

Client: **ACS**

Project Reference: Highland Ave

Sample Identifier: #3 TP 12
Lab Sample ID: 221094-03 **Date Sampled:** 3/15/2022
Matrix: Soil **Date Received** 3/17/2022

Anthracene	< 3380	ug/Kg	3/23/2022	18:37
Benzo (a) anthracene	< 3380	ug/Kg	3/23/2022	18:37
Benzo (a) pyrene	< 3380	ug/Kg	3/23/2022	18:37
Benzo (b) fluoranthene	< 3380	ug/Kg	3/23/2022	18:37
Benzo (g,h,i) perylene	< 3380	ug/Kg	3/23/2022	18:37
Benzo (k) fluoranthene	< 3380	ug/Kg	3/23/2022	18:37
Chrysene	< 3380	ug/Kg	3/23/2022	18:37
Dibenz (a,h) anthracene	< 3380	ug/Kg	3/23/2022	18:37
Dibenzofuran	< 3380	ug/Kg	3/23/2022	18:37
Fluoranthene	< 3380	ug/Kg	3/23/2022	18:37
Fluorene	< 3380	ug/Kg	3/23/2022	18:37
Hexachlorobenzene	< 3380	ug/Kg	3/23/2022	18:37
Indeno (1,2,3-cd) pyrene	< 3380	ug/Kg	3/23/2022	18:37
Naphthalene	< 3380	ug/Kg	3/23/2022	18:37
Pentachlorophenol	< 6770	ug/Kg	3/23/2022	18:37
Phenanthrene	< 3380	ug/Kg	3/23/2022	18:37
Phenol	< 3380	ug/Kg	3/23/2022	18:37
Pyrene	< 3380	ug/Kg	3/23/2022	18:37

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	NC	35.4 - 92.4		3/23/2022	18:37
2-Fluorobiphenyl	NC	39.6 - 84.4		3/23/2022	18:37
2-Fluorophenol	NC	35.5 - 78.9		3/23/2022	18:37
Nitrobenzene-d5	NC	36.5 - 78.2		3/23/2022	18:37
Phenol-d5	NC	37.1 - 78.3		3/23/2022	18:37
Terphenyl-d14	NC	42.3 - 103		3/23/2022	18:37

Reporting limit elevated due to sample matrix

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 3/18/2022
Data File: B60607.D

PARADIGM
ENVIRONMENTAL SERVICES, INC

Method Blank Report

Client: **ACS**
Project Reference: Highland Ave
Lab Project ID: 221094
Matrix: Soil

Part 375 Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed	
Arsenic	<0.485	mg/Kg		3/22/2022	17:44
Barium	<4.85	mg/Kg		3/22/2022	17:44
Beryllium	<0.243	mg/Kg		3/22/2022	17:44
Cadmium	<0.243	mg/Kg		3/22/2022	17:44
Chromium	<0.485	mg/Kg		3/22/2022	17:44
Copper	<0.971	mg/Kg		3/22/2022	17:44
Lead	<0.485	mg/Kg		3/22/2022	17:44
Manganese	<0.728	mg/Kg		3/22/2022	17:44
Nickel	<1.94	mg/Kg		3/22/2022	17:44
Selenium	<0.971	mg/Kg		3/22/2022	17:44
Silver	<0.485	mg/Kg		3/22/2022	17:44
Zinc	<2.91	mg/Kg		3/22/2022	17:44

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
Data File: 220322B
QC Batch ID: QC220318Soil
QC Number: Blk 1

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, March 23, 2022

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: ACS
Project Reference: Highland Ave
Lab Project ID: 221094
Matrix: Soil

Part 375 Metals (ICP)

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Arsenic	114	114	mg/Kg	103	105	90.4	92.7	80 - 120			2.53	20		3/22/2022
Barium	114	114	mg/Kg	116	118	102	104	80 - 120			1.60	20		3/22/2022
Beryllium	22.7	22.7	mg/Kg	21.7	21.7	95.6	95.5	80 - 120			0.0532	20		3/22/2022
Cadmium	45.5	45.5	mg/Kg	44.5	45.4	97.8	99.9	80 - 120			2.10	20		3/22/2022
Chromium	114	114	mg/Kg	111	113	97.8	99.3	80 - 120			1.53	20		3/22/2022
Copper	114	114	mg/Kg	115	114	101	101	80 - 120			0.232	20		3/22/2022
Lead	114	114	mg/Kg	105	107	92.5	94.4	80 - 120			2.00	20		3/22/2022
Manganese	45.5	45.5	mg/Kg	45.9	45.8	101	101	80 - 120			0.180	20		3/22/2022
Nickel	227	227	mg/Kg	221	224	97.0	98.6	80 - 120			1.64	20		3/22/2022
Selenium	114	114	mg/Kg	101	104	88.7	91.5	80 - 120			3.13	20		3/22/2022
Silver	11.4	11.4	mg/Kg	10.3	10.5	90.3	92.1	80 - 120			1.97	20		3/22/2022
Zinc	114	114	mg/Kg	105	107	92.6	94.5	80 - 120			2.04	20		3/22/2022

Report Prepared *Wednesday, March 23, 2022*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: **ACS**

Project Reference: Highland Ave

Lab Project ID: 221094

Matrix: Soil

Part 375 Metals (ICP)

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
Data File: 220322B
QC Number: 1
QC Batch ID: QC220318Soil

Report Prepared *Wednesday, March 23, 2022*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: ACS
Lab Project ID: 221094

Project Reference: Highland Ave

Lab Sample ID: 221094-03
Sample Identifier: #3 TP 12
Matrix: Soil

Date Sampled: 3/15/2022
Date Received: 3/17/2022

Part 375 Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Arsenic	**2.98**	mg/Kg	140	110	76.6	75 - 125		4.51	41.1	20	*	3/22/2022
Barium	**72.2**	mg/Kg	140	410	241	75 - 125	*	81.5	12.2	20		3/22/2022
Beryllium	< 0.285	mg/Kg	28.0	22.3	79.6	75 - 125		<0.305	NC	20		3/22/2022
Cadmium	**0.327**	mg/Kg	56.0	42.6	75.6	75 - 125		0.443	30.2	20	*	3/22/2022
Chromium	**18.1**	mg/Kg	140	138	85.8	75 - 125		22.4	21.4	20	*	3/22/2022
Copper	**35.8**	mg/Kg	140	160	88.8	75 - 125		41.8	15.5	20		3/22/2022
Lead	**17.6**	mg/Kg	140	122	74.9	75 - 125	*	21.9	21.5	20	*	3/22/2022
Manganese	**355**	mg/Kg	56.0	467	200	75 - 125	*	528	39.1	20	*	3/22/2022
Nickel	**14.3**	mg/Kg	280	223	74.4	75 - 125	*	16.1	11.3	20		3/22/2022
Selenium	< 1.14	mg/Kg	140	106	75.8	75 - 125		<1.22	NC	20		3/22/2022
Silver	< 0.570	mg/Kg	14.0	11.0	78.7	75 - 125		<0.610	NC	20		3/22/2022
Zinc	**58.7**	mg/Kg	140	166	76.9	75 - 125		56.9	3.01	20		3/22/2022

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, March 24, 2022

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: **ACS** **Lab Project ID:** 221094

Project Reference: Highland Ave

Lab Sample ID: 221094-03 **Date Sampled:** 3/15/2022
Sample Identifier: #3 TP 12 **Date Received:** 3/17/2022
Matrix: Soil

Part 375 Metals (ICP)

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 3/18/2022
220322B
QC Batch ID: QC220318Soil

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

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Report Prepared Thursday, March 24, 2022

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

1 of 2

CHAIN OF CUSTODY

ACS

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	ACS	CLIENT:	Same	22 1094
ADDRESS:	P.O. Box 986	ADDRESS:		Quotation #:
CITY:	Grand Island STATE: NY ZIP: 14072	CITY: STATE: ZIP:		Email:
PHONE:	716-480-2125	PHONE:		rschopra@yahoo.com
ATTN:	Raj Chopra	ATTN:		

PROJECT REFERENCE

Highland Ave

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC	SVOC	Metals	Herb / Pesticides	PCB's	pH	Ignitability	TPH	Cyanide and Sulf	REMARKS	PARADIGM LAB SAMPLE NUMBER
3-15-22		X		TP-4	SO	2		X	X							Part 375 Metals + SVOCs	01
3-15-22		X		#2 TP #7	SO	1		X	X							no Cyanide	02
3-15-22		X		#3 TP 12	SO	1		X	X								03

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	Batch QC		Basic EDD
Rush 3 day		Category A		NYSDEC EDD
Rush 2 day		Category B		
Rush 1 day				
Other please indicate:		Other please indicate:		Other EDD please indicate:

Sampled By — Date/Time: 3/15/22

Relinquished By — Date/Time: 3/15/22

Received By — Date/Time: 3/16/22 3:15

Received @ Lab By — Date/Time: 3/17/22 09:34

3°C iced 3/17/22 08:16 GP 3/17/22

Total Cost:

P.I.F.

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: ACS **Completed by:** Glenn Pezzulo

Lab Project ID: 221094 **Date:** 3/17/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X Metals
Comments	3°C iced		
Compliant Sample Quantity/Type	X		
Comments			