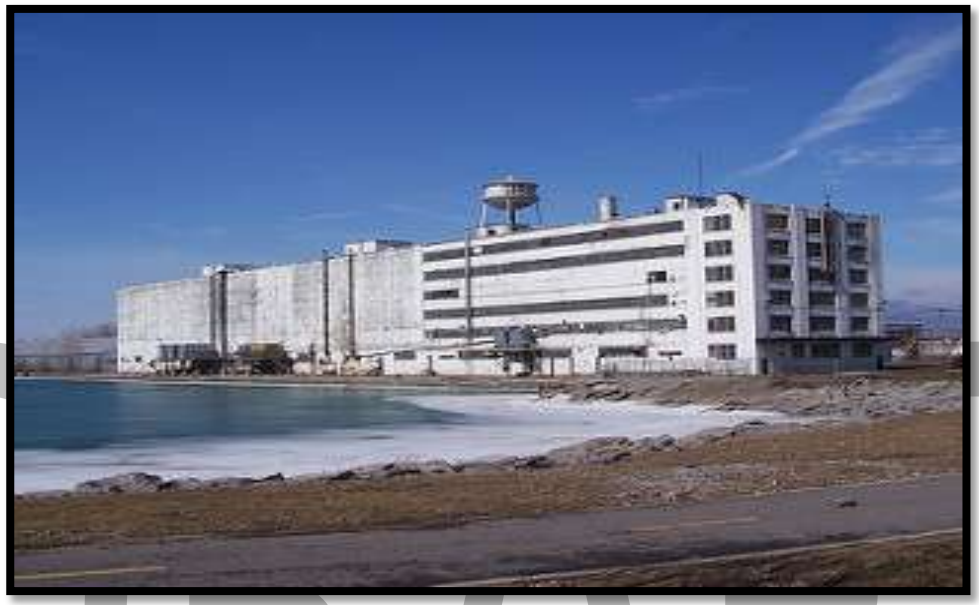
PHASE II ENVIRONMENTAL SITE ASSESSMENT

November 20, 2015



PROJECT LOCATION:

975 FUHRMANN BLVD.
BUFFALO, NY 14203

PREPARED FOR:

QUEEN CITY LANDING
3257 N. BENZING RD.
ORCHARD PARK, NY 14127

PREPARED BY:

AMD Environmental Consultants, Inc.
712 Main Street, Suite L-1
Buffalo, NY 14202
www.amdenvironmental.com

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1.0 INTRODUCTION

Site History and Description

The subject site is currently a vacant office/manufacturing building located at 975 Fuhrmann Blvd in the City of Buffalo. The former use was a food manufacturer and freezer building, from 1927. From 1958 it was Freezer Queen Headquarters until it closed in 2004. Current use of the buildings first floor is boat storage and repair, the exterior grounds are used for boat storage, and the upper floors are vacant.

The site Occupants consist of Olsen Marin; they are in the process of relocating their business, and the property will be vacant by the end of September 2015

Site and Area Features

This area in general can best be described as mixed commercial and recreational area. Water canals surround the property.

Current use of adjoining properties

Direction from Site	Building	Use
North	Warehouses	Vacant
South	Boat Harbor	Boating and services
East	Fuhrmann Boulevard	Roadway
West	None	Lake Erie

Structures on the Site

The following buildings and structures are located on the subject property:

Age	Stories	Usage	Construction
75	6	Office Building/Warehouse	Concrete/steel
26	1	Office	Block
50	1	Security Building	Block

***Previous warehouse section of building was demolished in 2010**

Improvements on the Site

The following are the improvements on the site:

Property Improvement	***Description***
Size of Property	*16 acres*
Year Built	*1927*
Story Height	*6*
Gross Floor Area	*272,200sf*
Paved or Concrete	*Paved*
Unimproved areas	*50%*
Landscaped Areas	*10%*
Potable Water	*Yes*
Sanitary Sewer	*Yes*
Storm Sewer	*Yes*
Electrical	*National Grid*
Natural Gas	*National Fuel*
Heating/Cooling	*None*
Elevators	*3 –service elevators Not in use*
Parking	*YES*

2.0 GOALS AND OBJECTIVES

As discussed with Queen City Landing personnel, the overall objective of the Phase II investigation is to evaluate the nature and extent of potential contamination at the Site.

Overall Site Characterization Objectives

- Contact Underground utility to mark property
- Soil sample with a geo-probe up to 16' in up to 15 locations
- Provide test pits throughout the site to determine environmental soils conditions
- Screen soils with a PID meter and visual and olfactory senses
- Sample Transformers for PCB's
- Investigate tank location
- Water Sampling of the basement
- Sample C&D materials on exterior of site
- Universal and Hazardous Waste
- Investigate former Waste Water Treatment area.
- Analyze samples for STARS VOC and SVOC
- Reporting to include project summary, discussion on the methods of investigation employed, sample selection, location maps, drilling logs, analysis summary and recommendations

Contaminants of Concern

Based on the findings related to historic use of the Site, the contaminants of concern (COC's) are petroleum based VOCs, SVOCs and fill materials containing heavy metals.

3.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A Phase I Environmental Assessment was completed by AMD Environmental in September 2015

Phase I Findings and Recommendations

This assessment has revealed evidence of Environmental Conditions in connection with the site:

- *Exterior and interior transformers are throughout the facility, which need to be sampled for PCB oils and properly disposed of.*
- *Investigate the abandoned water treatment facility on-site .There is an existing tank and underground apparatus.*
- *Rear area behind the existing building used to house a Metal warehouse building that was demolished. This rear area of the property needs to be excavated to determine the fill materials.*
- *Construction debris from a previous demolition need to be investigated to determine extent of possible asbestos contamination.*
- *The area north of the building has two fill ports that typically indicate underground tanks. This area should be excavated to determine what type of tanks and size are present.*
- *The area in the rear portion of the property has a 3" pipe extruding from the ground. This needs to be further investigated to determine the use.*
- *The ammonia system in building appears to have been abandoned; the system runs throughout the building. Need to further investigate if system was purged.*
- *There are miscellaneous drums, paint and unlabeled liquid waste throughout the building. These materials need to be consolidated and sampled to determine contents.*
- *Universal wastes (bulbs, ballasts, mercury devices) are located throughout the site.*
- *The site is filled with construction hard fill (concrete, bricks and slag) these materials should be identified and sampled.*
- *Numerous fuel tanks were on the property and removed some test pits in those areas should be investigated.*
- *The basement area is flooded and the water needs to be sampled and properly disposed of.*

4.0 INVESTIGATION SCOPE OF WORK

Introduction
The scope of work to accomplish each of the objectives identified in the overall objectives section of this report is provided in the following sections. In general, soil was collected from the Northeast, Southeast,

Northwest, Southwest and center of the property to evaluate site conditions. Actual samples for analysis was selected in the field based upon stained soils, odorous soils, or elevated PID readings.

Surface and Subsurface Soil Assessment

Subsurface conditions on the site were further investigated by using an excavator to dig test pits and Geoprobe, drill rig, visual evaluations and PID screening.

Soil Borings/Test Trenches

A total of fifteen soil borings were completed on the property at 975 Fuhrmann Blvd. There were over 20 test trenches dug with an excavator to identify soil conditions, types and fill materials. The fifteen soil borings were advanced on site using a Geoprobe drill rig to depths up to 12'bgs.Continuous soil sampling was conducted using a four foot long, 2 ½ inch diameter sampler resulting in four foot long soil sample cores, i.e. (0 - 4 feet, 4 - 8 feet, and 8 - 12 feet,). A field technician logged all samples, performed visual observations, and field screened all soil core samples for VOCs using a PID.

Groundwater Investigation
Groundwater monitoring wells were not installed, no ground water was encountered.

5.0 INVESTIGATION RESULTS

Soil Sample Results

For the historic industrial operations, Seventeen soil samples were analyzed for by the laboratory for analysis of volatile organic compounds (VOCs) and semi-volatile organic compounds (S-VOCs). One of the soil samples selected for analysis were also analyzed for polychlorinated biphenyls (PCBs) and Resource Conservation and Recovery Act (RCRA) Metals. [VOCs, S-VOCs, PCBs and metals are commonly associated with urban fill and suspect ash on the North East portion of the rear property of the Site.]

Proximate to the suspected tank along the north exterior of the building, Seventeen soil samples were analyzed by the laboratory for STARS VOCs and STARS S-VOCs. [VOCs and S-VOCs are commonly associated with releases from petroleum tanks.] The analytical results were compared to the STARS clean up guidance for petroleum cleanup. The samples were analyzed by Paradigm Environmental and NYS ELAP approved laboratory. Laboratory analytical reports for the soil samples are included as Appendix A. Enclosed is a summary of the results that were above the detection level.

Semi-Volatile Organic Compounds –TEST PITS

SVOCs were detected in the soil samples above method detection limits.

Analyte	TAGM 4046 Ug/kg (ppb)	Test Pit 1	Test Pit 11	Test Pit 3	Test Pit 6	Test Pit 9	Test Pit 10
Acenaphthene	50,000	<1730	<348	4130	<331	<330	<325
Acenaphthylene	50,000	<1730	<348	<3760	<331	<330	<325
Anthracene	50,000	4880	439	11000	<331	<330	352
Benzo(a)anthracene	224	**8040**	**1170**	**10600**	**560**	**875**	**1130**
Benzo(a)pyrene	61	**6960**	**1040**	<3760	**540**	**791**	**1060**
Benzo(b)flourathane	220	**6920**	**990**	**7710**	**504**	**910**	**1180**
Benzo(ghi)perylene	50,000	5140	621	<3760	433	539	725
Benzo (k) flouranthane	200	**5370**	**812**	**5240**	**349**	**587**	**825**
Chrysene	400	**7740**	**1120**	**9750**	**525**	**887**	**1210**
Dibenzo(ah)anthracene	14	<1730	<348	<3760	<331	<330	<325
Flourathane	50,000	17900	2350	27000	1250	1800	2000
Flourene	50,000	2270	<348	7670	<331	<330	<325
Indeno(123-cd)pyrene	3,200	**5670**	975	**4870**	514	837	1090
Napthalene	13,000	<1730	<348	4160	<331	<330	<325
Penanthrene	50,000	17100	1540	37800	990	1410	1230
Pyrene	50,000	14000	1870	19000	936	1400	1620

Semi-Volatile Organic Compounds –Geo Probe

Analyte	TAGM 4046 Ug/kg (ppb)	D-3	D-4	D-14
Acenaphthene	50,000	<354	<338	<356
Acenaphthylene	50,000	<354	<338	<356
Anthracene	50,000	<354	<338	610
Benzo(a)anthracene	224	**719**	**455**	**991**
Benzo(a)pyrene	61	**626**	**408**	**784**
Benzo(b)flourathane	220	**604**	**432**	**909**
Benzo(ghi)perylene	50,000	382	<338	**483**
Benzo (k) flouranthane	200	**491**	<338	**543**
Chrysene	400	**774**	**489**	**1040**
Dibenzo(ah)anthracene	14	<354	<338	<356
Flourathane	50,000	1500	757	2200
Flourene	50,000	<354	<338	389
Indeno(123-cd)pyrene	3,200	486	<338	627
Napthalene	13,000	<354	<338	<356
Penanthrene	50,000	1130	573	2420
Pyrene	50,000	1360	637	1720

Sample ID	Unit of Measurement	Test Pit 1 Sampled 10/19/15	
(Analyte)PCB'S			MD
Aroclor 1016	ug/kg	ND	>0.353
Aroclor 1221	ug/kg	ND	>0.353
Aroclor 1232	ug/kg	ND	>0.353
Aroclor 1242	ug/kg	ND	>0.353
Aroclor 1248	ug/kg	ND	>0.353
Aroclor 1254	ug/kg	ND	>0.353
Aroclor 1260	ug/kg	ND	>0.353
Aroclor 1262	ug/kg	ND	>0.353
Aroclor 1268	ug/kg	ND	>0.353
PCBs, Total	ug/kg	ND	>0.353
(Analyte)METALS			
Arsenic, Total	ug/kg		60.5
Barium, Total	ug/kg		2090
Cadmium, Total	ug/kg		30.6
Chromium, Total	ug/kg		179
Lead, Total	ug/kg		7910
Mercury, Total	ug/kg		12.1
Selenium, Total	ug/kg		<5.87
Silver, Total	ug/kg		1.14

6.0 CONCLUSIONS

Subsurface Conditions

Test pit and soil boring information confirms the presence of varying thicknesses of fill material consistent with materials found in urban settings and historic industrial sites. Fill ranges in thickness from approximately 2' -8' at varying locations. The fill material consisted of bricks and sand soils. The Southern portion of the property had less fill materials and was mainly sand.

Test Pit Area 1 Conditions

Test pit area 1 was excavated and found to contain incinerator ash and slag fill. There is an estimated 5,000 Tons of this material. Further investigation and characterization is deemed necessary for any disposal.

Tank Investigation

The area of a former underground tank revealed the existence of an approximately 10,000 gallon fuel tank. The surrounding soils were visually stained and presented olfactory indicators. Sample analysis confirmed the petroleum as diesel fuel. The surrounding soil will have to be treated as petroleum contaminated soils, the tank will be removed of under NYSDEC regulations and soils sampled under the STARS program.

Location	Sample Result	Estimated Size	Est. Contaminated Soil
Exterior- East	*Diesel Fuel*	*10,000/gallons*	*6,000/tons*
Exterior-North	*Fuel*	*n/a*	*2,000/tons*

PCB Transformers

Three sets of transformers were identified in the facility. Sample analysis did not identify any PCB's above action levels in any of the transformers sampled. The oils can be disposed of as waste oil.

Location	Sample Result	Estimated Gallons
Exterior of Property	*1.59 ppm*	*500*
1st Floor	*none detected*	*125*
Roof Top	*none detected*	*200*

Water Sampling of the basement

The basement has two separate areas in which water samples were collected. Samples were collected in the north section and middle section of the basement. A permit has been approved from the City of Buffalo to pump this water directly to the sewer.

Location	Sample Result	Estimated Gallons
North Section / Incinerator	*non-haz*	*15,000*
Middle Section / Main Basement	*non-haz*	*25,000*

C&D materials on exterior of site

The Exterior debris piles contained non-friable asbestos containing materials. This area will be handled under the controlled demolition procedures and a site specific variance from NYSDOL will be applied for.

Former Waste Water Treatment Facility

An above ground water treatment tank was identified to be coated with asbestos silver coat and will require demolition in accordance with NYS DOL controlled demolition. This structure will be includ3ed in the site specific variance. Two former holding tanks for the waste water treatment facility have been identified. The tanks are ¾ full with waste and need to be pumped and disposed of. The liquid materials will be pumped into the sewer and the solids will need to go to the waste water treatment plant pending sample analysis.

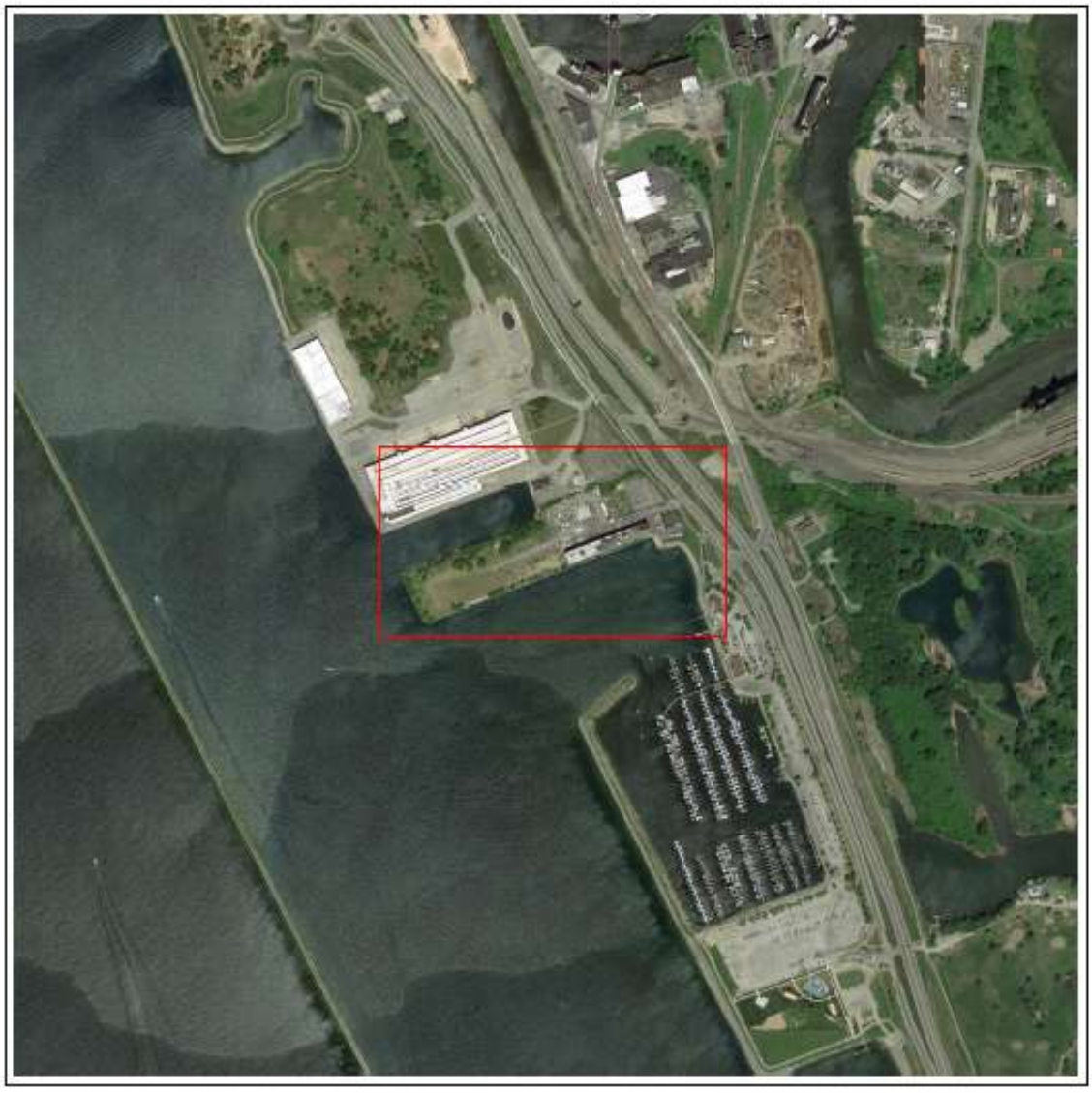
Location	Sample Results	Tank Size	Estimated Gallons
Waste Holding tank	*Pending*	*25,000 gallon*	*15,000*
Waste Holding tank	*Pending*	*25,000 gallon*	*15,000*
Waste Holding tank	*Pending*	*3,000 gallon*	*1,000*

Universal and Hazardous Wastes

The following universal waste/ hazardous materials have been indentified, collected and packaged for disposal. An investigation by DV Brown identified 500-600 gallons of oils/glycol in the abandoned refrigeration system; these materials are also included for disposal.

Material	Estimated Amount	Disposal Facility
PCB Light Ballast	*(8) 55 Gallon*	*Waste Management*
Flourescent Bulbs	*9,600 lf*	*Waste Management*
E-Waste	*1- Pallet*	*Allentown Industries*
Waste Oil	*(12) 55 Gallon*	*Waste Management*
Latex Paint	*(4)55 gallon*	*Waste Management*
Oil Paint	*(2)55 Gallon*	*Waste Management*
Mercury Switches	*(1)55 Gallon*	*Waste Management*
Lab Chemicals	*(1)55 Gallon Lab Pack*	*Waste Management*
Ammonia System – Glycol	*200 gallons*	*Waste Management*
Batteries	*(1) 55 Gallon*	*Metalico*
Fire Extinguishers	*75*	*Dival*
Miscellaneous	*(4) 55 Gallon*	*Waste Management*

Appendix A: Site Map

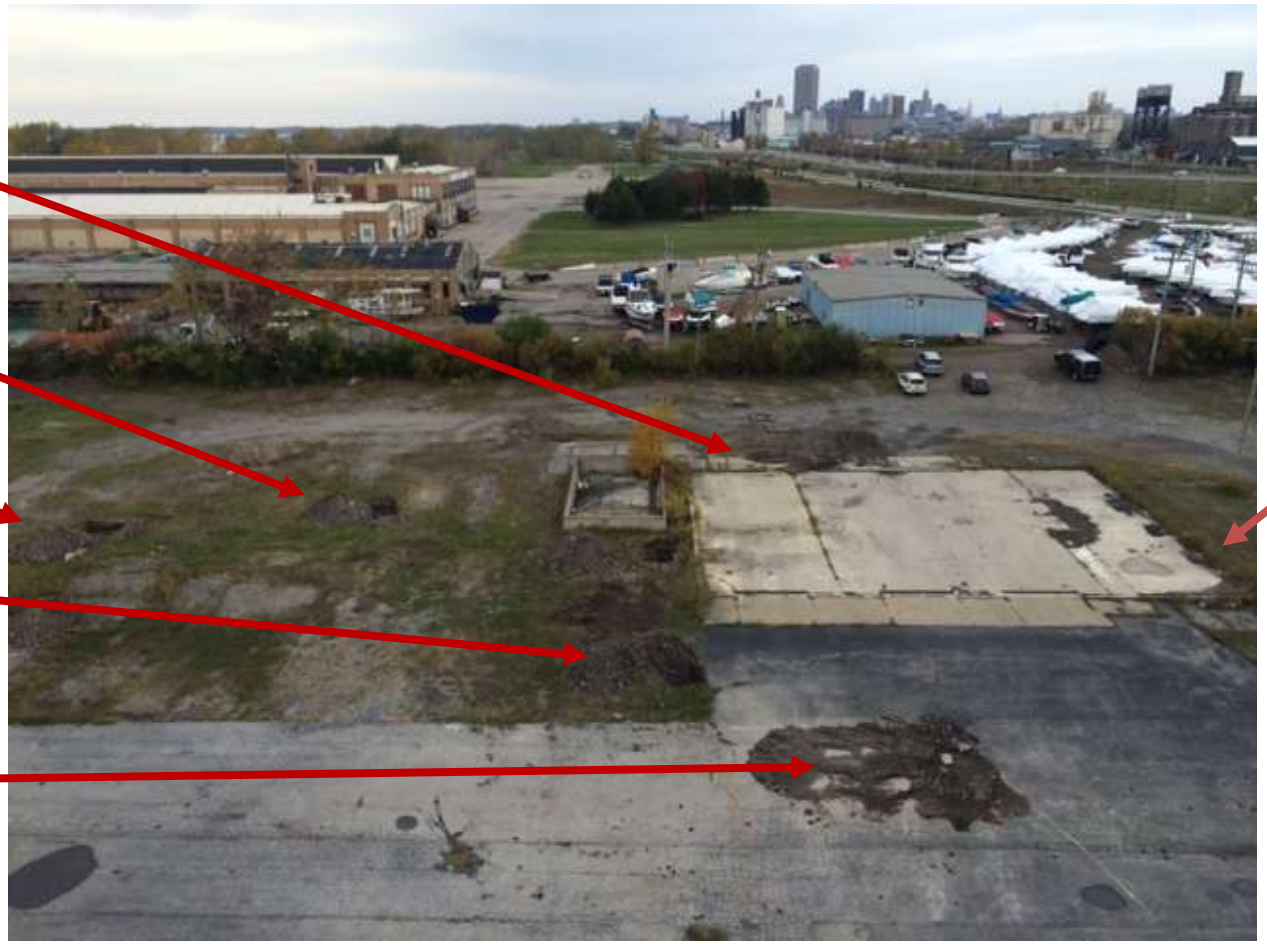


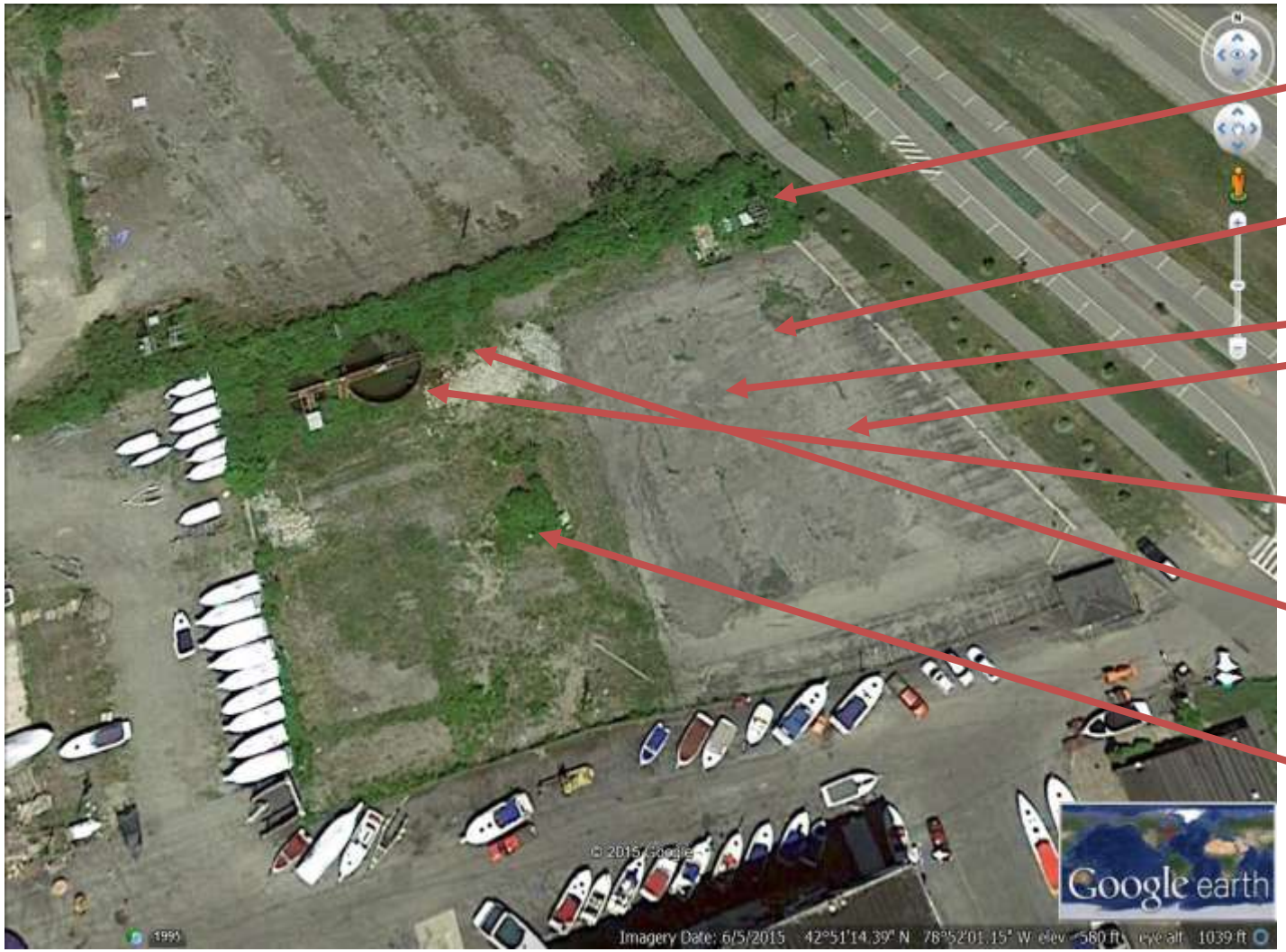
Historical Aerial Photo

Site:
975 Fuhrman Boulevard
Buffalo, NY

2015

Appendix B: Sampling Location Maps


Tank Location
Approximately
10,000 gallon Tank
and Sample 1
Diesel Fuel
Test Pit #9
Visible
Contamination
Sample 6
Test Pit #10
Visible
Contamination
Sample 7
Test Pit #11
Visible
Contamination
Test Pit # 3
Sample 4
Water at 8'
Test Pit # 4
Water at 8'
No Visible
Contamination



Transformers Sampled for PCB

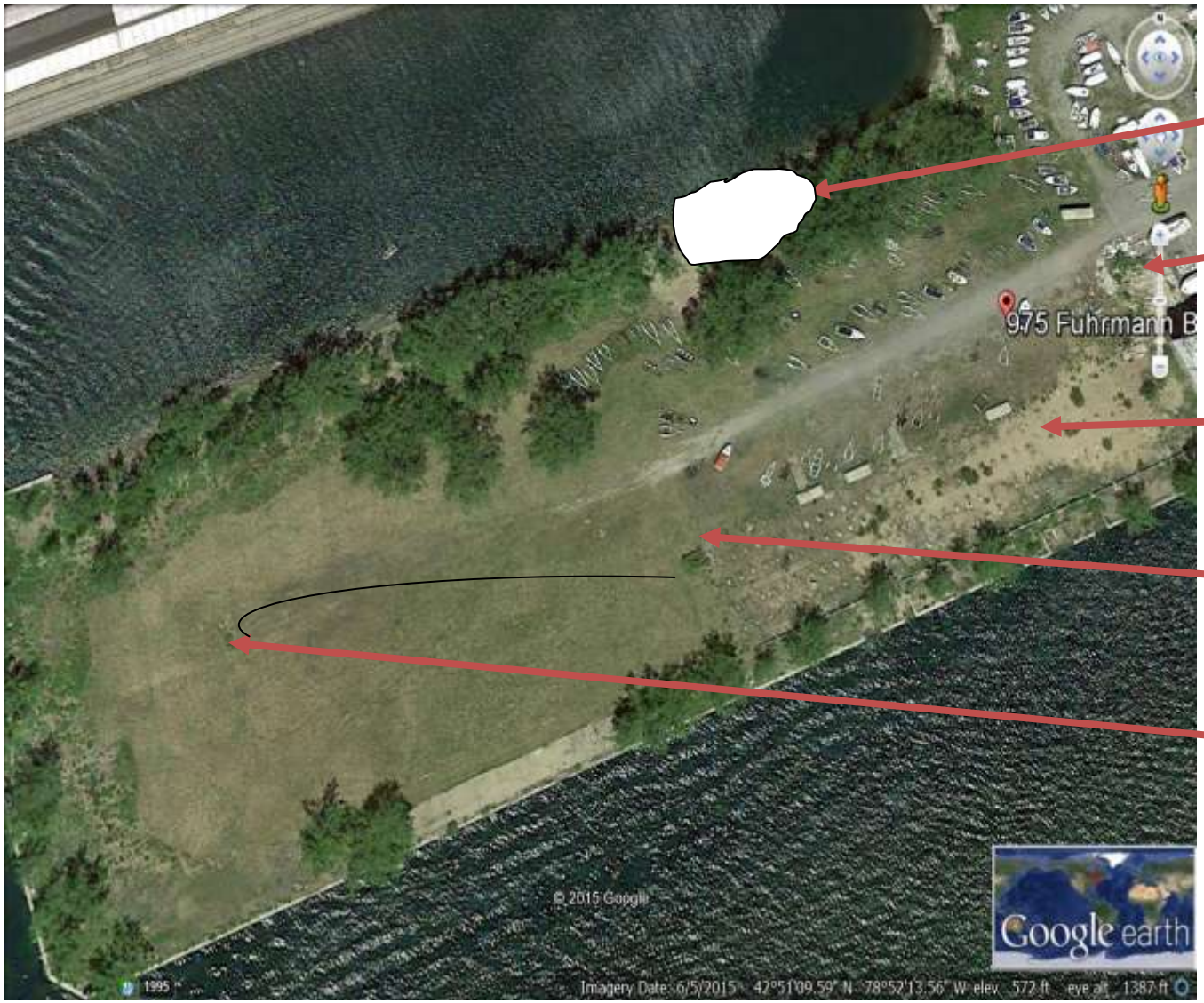
Test Pit # 6 Visible contamination and urban fill Sample 5

Test Pit # 7& 8 No Visible Contamination Sand

Former water tank, exterior asbestos coating Only rain water in tank.

3000 Gallon Water Holding Tank

Former sewer holding tans 2 - 25,000 gallon tanks with sewage debris/water.



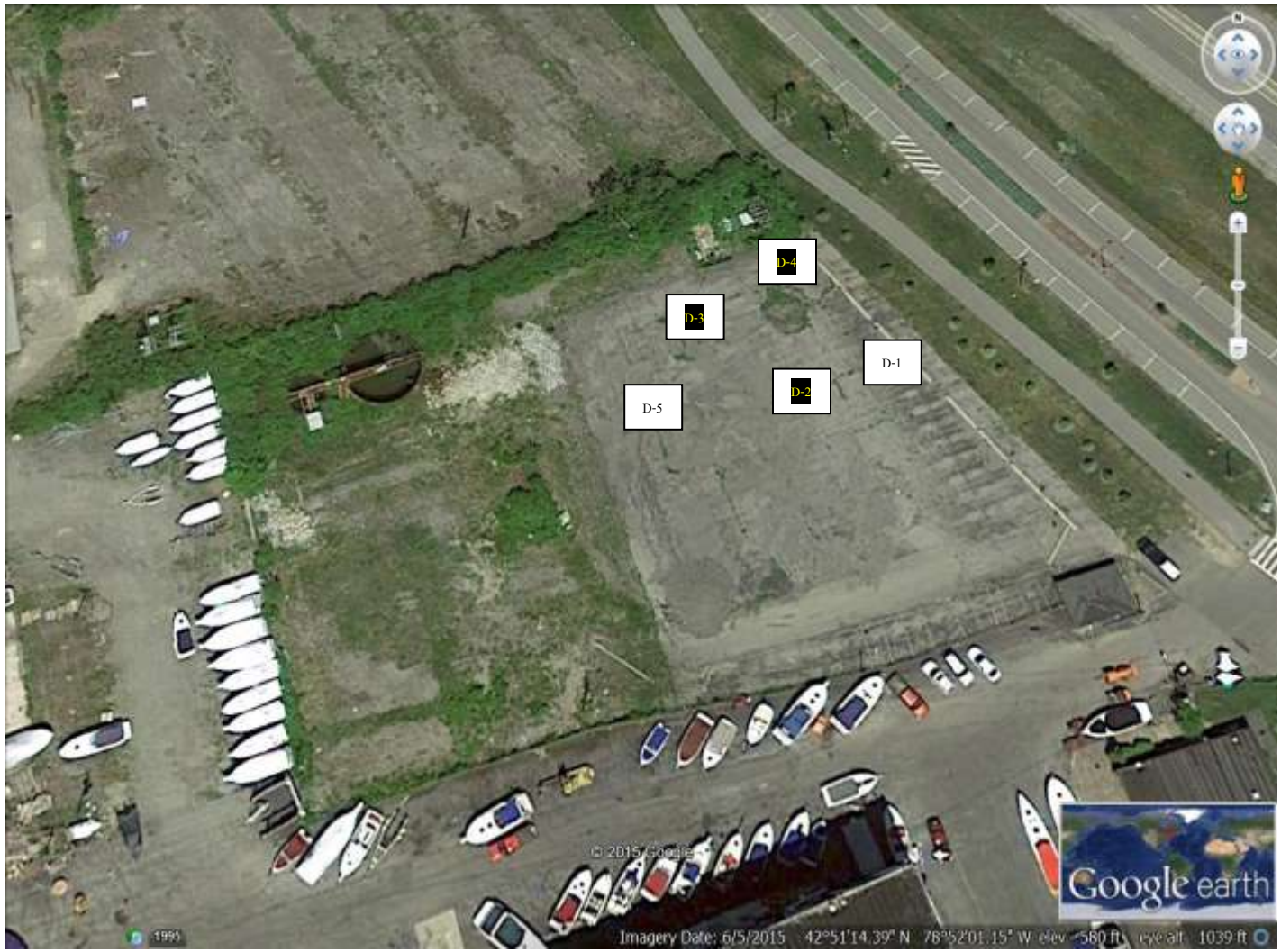
Test Pit #1
Visible Slag
Contamination/
incinerator ash
Sample 2

Test Pit
Visible Asbestos
Contamination

Test Pit #2
No Visible
Contamination
Sand-Former
Building

Former Gas Well
Gas Line to the
outer harbor

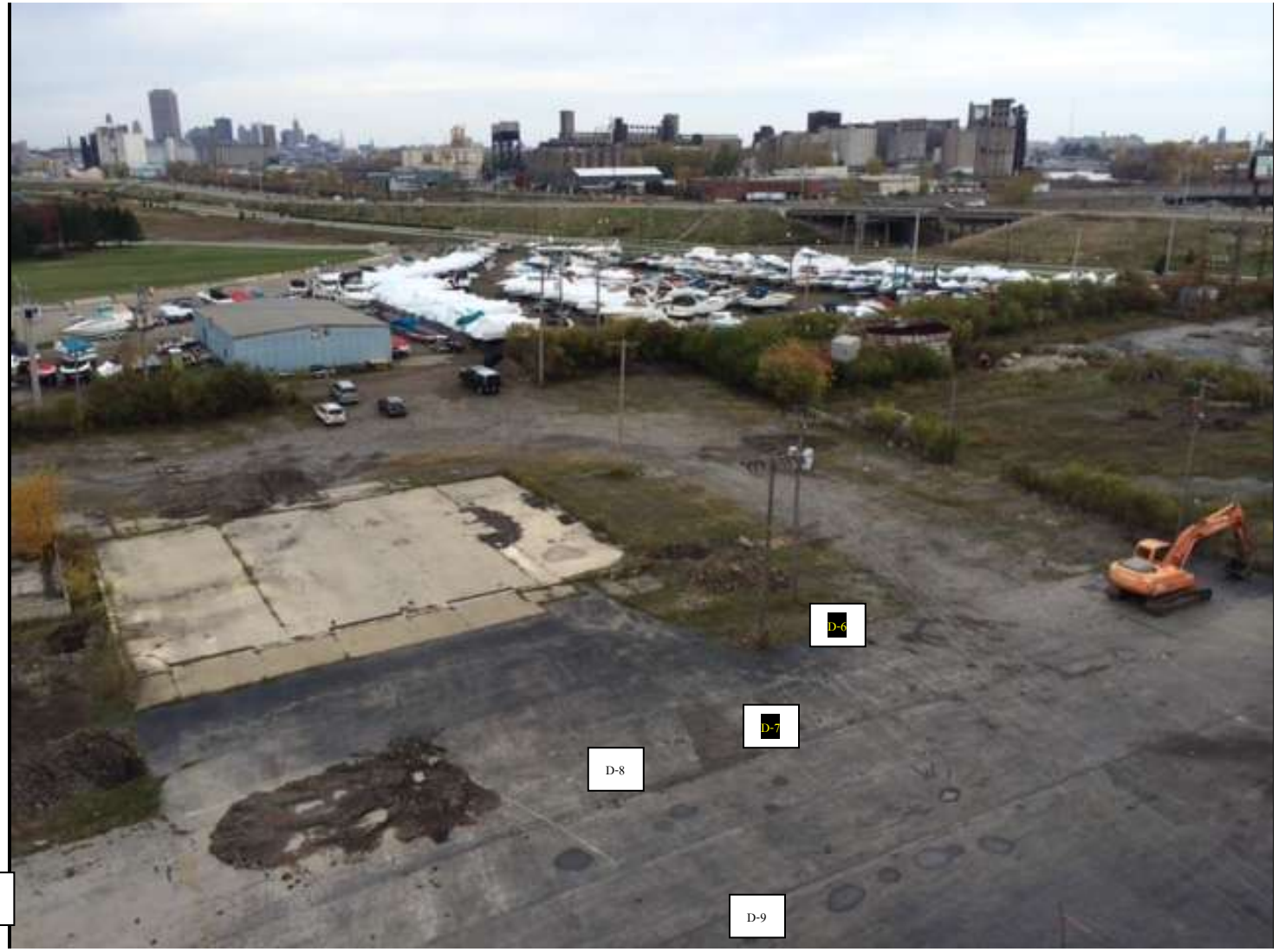
Test Pit Visible
Concrete Vault
Gas line ends
No Visible
Contamination
Sand to 15’



D-3
Semi-Vols above STARS Levels

D-4
Semi-Vols above STARS Levels

D-2 : **Sample Location**



D-14
Semi-Vols above
STARS Levels

GEO PROBE LOG

Location	0-4’	5-8’	9-12’	PID	Comment
D-1	asphalts/sand	fill	fill	0	wet at 8’
D-2	asphalt/fill	fill	fill	0	Sampled
D-3	**asphalt/clay/fill**	**fill**	**fill/dark sand**	**0**	**Sampled**
D-4	**asphalt/fill**	**fill**	**fill/dark sand**	**0**	**Sampled**
D-5	asphalt/fill	fill	sand-wet	0	
D-6	stone/sand	sand discolored	clay-wet	0	Sampled
D-7	asphalt/fill	fill	black sand	0	Sampled
D-8	asphalt/fill	fill	sand	0	
D-9	asphalt/fill			0	
D-10	asphalt/fill	fill	sand	0	Sampled
D-11	asphalt/fill	fill	black sand	0	Sampled
D-12	asphalt/fill	fill	black sand	0	Sampled
D-13	REFUSAL				
D-14	**asphalt/fill**	**slag/fill**	**black sand/clay**	**0**	**Sampled**
D-15	asphalt/fill	fill	fill/clay	0	Sampled

Appendix C: Laboratory Sample Analysis

PARADIGM

Analytical Report For

AMD Environmental Consultants

For Lab Project ID

154421

Referencing

N/A

Prepared

Friday, October 23, 2015

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

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: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Tank 1		
Lab Sample ID:	154421-01	**Date Sampled:**	10/19/2015
Matrix:	Soil	**Date Received:**	10/20/2015

Flash Point

Analyte	Result	Units	Qualifier	Date Analyzed
Flash Point, Celsius	>70.0	C		10/22/2015

Method Reference(s): EPA 1010A

pH

Analyte	Result	Units	Qualifier	Date Analyzed
pH	8.00 @ 19.4 C	S.U.		10/20/2015 12:30

Method Reference(s): EPA 9045D

Petroleum Hydrocarbons by GC

Analyte	Result	Units	Qualifier	Date Analyzed
Medium weight PHC as Diesel	**2720**	mg/Kg		10/21/2015 10:56

Method Reference(s): NYSDOH 310.13
Preparation Date: 10/20/2015
ELAP does not offer this test for approval as part of their laboratory certification program.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Tank 1		
Lab Sample ID:	154421-01A	**Date Sampled:**	10/19/2015
Matrix:	TCLP Extract	**Date Received:**	10/20/2015

TCLP Volatile Organics

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Benzene	< 20.0	ug/L	500		10/21/2015 15:04

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**103**	81.1 - 124		10/21/2015 15:04
4-Bromofluorobenzene	**92.9**	79.8 - 114		10/21/2015 15:04
Pentafluorobenzene	**96.2**	91.1 - 111		10/21/2015 15:04
Toluene-D8	**98.9**	90.7 - 107		10/21/2015 15:04

Method Reference(s): EPA 8260C
EPA 1311 / 5030
Data File: x27021.D

TCLP Metals (ICP)

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Lead	< 0.100	mg/L	5		10/22/2015 10:30

Method Reference(s): EPA 6010C
EPA 1311 / 3005
Preparation Date: 10/21/2015
Data File: 102215a

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 1
Lab Sample ID: 154421-02 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**12.1**	mg/Kg		10/22/2015 15:20

Method Reference(s): EPA 7471B
Preparation Date: 10/22/2015
Data File: Hg151022A

RCRA Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**60.5**	mg/Kg		10/22/2015 11:13
Barium	**2090**	mg/Kg		10/22/2015 11:13
Cadmium	**30.6**	mg/Kg		10/22/2015 11:13
Chromium	**179**	mg/Kg		10/22/2015 11:13
Lead	**7910**	mg/Kg		10/22/2015 13:27
Selenium	< 5.87	mg/Kg		10/22/2015 13:27
Silver	**1.14**	mg/Kg		10/22/2015 11:13

Method Reference(s): EPA 6010C
EPA 3050
Preparation Date: 10/21/2015
Data File: 102215a

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1221	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1232	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1242	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1248	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1254	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1260	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1262	< 0.353	mg/Kg		10/21/2015 20:32
PCB-1268	< 0.353	mg/Kg		10/21/2015 20:32

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 1
Lab Sample ID: 154421-02 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**60.2**	19.4 - 148		10/21/2015 20:32
Tetrachloro-m-xylene	**74.0**	0 - 156		10/21/2015 20:32

Method Reference(s): EPA 8082A
EPA 3550C
Preparation Date: 10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 1730	ug/Kg		10/22/2015 18:18
Acenaphthylene	< 1730	ug/Kg		10/22/2015 18:18
Anthracene	**4880**	ug/Kg		10/22/2015 18:18
Benzo (a) anthracene	**8040**	ug/Kg		10/22/2015 18:18
Benzo (a) pyrene	**6960**	ug/Kg		10/22/2015 18:18
Benzo (b) fluoranthene	**6920**	ug/Kg		10/22/2015 18:18
Benzo (g,h,i) perylene	**5140**	ug/Kg		10/22/2015 18:18
Benzo (k) fluoranthene	**5370**	ug/Kg		10/22/2015 18:18
Chrysene	**7740**	ug/Kg		10/22/2015 18:18
Dibenz (a,h) anthracene	< 1730	ug/Kg		10/22/2015 18:18
Fluoranthene	**17900**	ug/Kg		10/22/2015 18:18
Fluorene	**2270**	ug/Kg		10/22/2015 18:18
Indeno (1,2,3-cd) pyrene	**5670**	ug/Kg		10/22/2015 18:18
Naphthalene	< 1730	ug/Kg		10/22/2015 18:18
Phenanthrene	**17100**	ug/Kg		10/22/2015 18:18
Pyrene	**14000**	ug/Kg		10/22/2015 18:18

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**64.6**	33.8 - 96.3		10/22/2015 18:18
Nitrobenzene-d5	**53.0**	32.5 - 99.4		10/22/2015 18:18
Terphenyl-d14	**73.0**	60.5 - 111		10/22/2015 18:18

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08232.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 1
Lab Sample ID: 154421-02 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
1,3,5-Trimethylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
Benzene	< 8.85	ug/Kg		10/20/2015 17:42
Ethylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
Isopropylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
m,p-Xylene	< 8.85	ug/Kg		10/20/2015 17:42
Methyl tert-butyl Ether	< 8.85	ug/Kg		10/20/2015 17:42
Naphthalene	< 22.1	ug/Kg		10/20/2015 17:42
n-Butylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
n-Propylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
o-Xylene	< 8.85	ug/Kg		10/20/2015 17:42
p-Isopropyltoluene	< 8.85	ug/Kg		10/20/2015 17:42
sec-Butylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
tert-Butylbenzene	< 8.85	ug/Kg		10/20/2015 17:42
Toluene	< 8.85	ug/Kg		10/20/2015 17:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**113**	81.1 - 127		10/20/2015 17:42
4-Bromofluorobenzene	**76.8**	83 - 114	*	10/20/2015 17:42
Pentafluorobenzene	**92.6**	91.8 - 110		10/20/2015 17:42
Toluene-D8	**92.3**	91 - 107		10/20/2015 17:42

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x27000.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test 2 South Of 2nd Container
Lab Sample ID: 154421-03 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 348	ug/Kg		10/21/2015 12:15
Acenaphthylene	< 348	ug/Kg		10/21/2015 12:15
Anthracene	**439**	ug/Kg		10/21/2015 12:15
Benzo (a) anthracene	**1170**	ug/Kg		10/21/2015 12:15
Benzo (a) pyrene	**1040**	ug/Kg		10/21/2015 12:15
Benzo (b) fluoranthene	**990**	ug/Kg		10/21/2015 12:15
Benzo (g,h,i) perylene	**621**	ug/Kg		10/21/2015 12:15
Benzo (k) fluoranthene	**812**	ug/Kg		10/21/2015 12:15
Chrysene	**1120**	ug/Kg		10/21/2015 12:15
Dibenz (a,h) anthracene	< 348	ug/Kg		10/21/2015 12:15
Fluoranthene	**2350**	ug/Kg		10/21/2015 12:15
Fluorene	< 348	ug/Kg		10/21/2015 12:15
Indeno (1,2,3-cd) pyrene	**975**	ug/Kg		10/21/2015 12:15
Naphthalene	< 348	ug/Kg		10/21/2015 12:15
Phenanthrene	**1540**	ug/Kg		10/21/2015 12:15
Pyrene	**1870**	ug/Kg		10/21/2015 12:15

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**48.1**	33.8 - 96.3		10/21/2015 12:15
Nitrobenzene-d5	**42.3**	32.5 - 99.4		10/21/2015 12:15
Terphenyl-d14	**60.3**	60.5 - 111	*	10/21/2015 12:15

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08182.D

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
1,3,5-Trimethylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
Benzene	< 10.0	ug/Kg		10/20/2015 18:06

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Test 2 South Of 2nd Container		
Lab Sample ID:	154421-03	**Date Sampled:**	10/19/2015
Matrix:	Soil	**Date Received:**	10/20/2015

Ethylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
Isopropylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
m,p-Xylene	< 10.0	ug/Kg		10/20/2015 18:06
Methyl tert-butyl Ether	< 10.0	ug/Kg		10/20/2015 18:06
Naphthalene	< 25.1	ug/Kg		10/20/2015 18:06
n-Butylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
n-Propylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
o-Xylene	< 10.0	ug/Kg		10/20/2015 18:06
p-Isopropyltoluene	< 10.0	ug/Kg		10/20/2015 18:06
sec-Butylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
tert-Butylbenzene	< 10.0	ug/Kg		10/20/2015 18:06
Toluene	< 10.0	ug/Kg		10/20/2015 18:06

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**109**	81.1 - 127		10/20/2015 18:06
4-Bromofluorobenzene	**93.9**	83 - 114		10/20/2015 18:06
Pentafluorobenzene	**94.1**	91.8 - 110		10/20/2015 18:06
Toluene-D8	**96.8**	91 - 107		10/20/2015 18:06

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x27001.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 3
Lab Sample ID: 154421-04 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	**4130**	ug/Kg		10/22/2015 17:49
Acenaphthylene	< 3760	ug/Kg		10/22/2015 17:49
Anthracene	**11000**	ug/Kg		10/22/2015 17:49
Benzo (a) anthracene	**10600**	ug/Kg		10/22/2015 17:49
Benzo (a) pyrene	< 3760	ug/Kg		10/22/2015 17:49
Benzo (b) fluoranthene	**7710**	ug/Kg		10/22/2015 17:49
Benzo (g,h,i) perylene	< 3760	ug/Kg		10/22/2015 17:49
Benzo (k) fluoranthene	**5240**	ug/Kg		10/22/2015 17:49
Chrysene	**9750**	ug/Kg		10/22/2015 17:49
Dibenz (a,h) anthracene	< 3760	ug/Kg		10/22/2015 17:49
Fluoranthene	**27000**	ug/Kg		10/22/2015 17:49
Fluorene	**7670**	ug/Kg		10/22/2015 17:49
Indeno (1,2,3-cd) pyrene	**4870**	ug/Kg		10/22/2015 17:49
Naphthalene	**4160**	ug/Kg		10/22/2015 17:49
Phenanthrene	**37800**	ug/Kg		10/22/2015 17:49
Pyrene	**19000**	ug/Kg		10/22/2015 17:49

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	NC	33.8 - 96.3		10/22/2015 17:49
Nitrobenzene-d5	NC	32.5 - 99.4		10/22/2015 17:49
Terphenyl-d14	NC	60.5 - 111		10/22/2015 17:49

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08231.D

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
1,3,5-Trimethylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
Benzene	< 9.32	ug/Kg		10/20/2015 18:31

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Test Pit 3		
Lab Sample ID:	154421-04	**Date Sampled:**	10/19/2015
Matrix:	Soil	**Date Received:**	10/20/2015

Ethylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
Isopropylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
m,p-Xylene	< 9.32	ug/Kg		10/20/2015 18:31
Methyl tert-butyl Ether	< 9.32	ug/Kg		10/20/2015 18:31
Naphthalene	**89.9**	ug/Kg		10/20/2015 18:31
n-Butylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
n-Propylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
o-Xylene	< 9.32	ug/Kg		10/20/2015 18:31
p-Isopropyltoluene	< 9.32	ug/Kg		10/20/2015 18:31
sec-Butylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
tert-Butylbenzene	< 9.32	ug/Kg		10/20/2015 18:31
Toluene	< 9.32	ug/Kg		10/20/2015 18:31

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**110**	81.1 - 127		10/20/2015 18:31
4-Bromofluorobenzene	**95.1**	83 - 114		10/20/2015 18:31
Pentafluorobenzene	**95.7**	91.8 - 110		10/20/2015 18:31
Toluene-D8	**99.6**	91 - 107		10/20/2015 18:31

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x27002.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 6
Lab Sample ID: 154421-05 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 331	ug/Kg		10/21/2015 12:44
Acenaphthylene	< 331	ug/Kg		10/21/2015 12:44
Anthracene	< 331	ug/Kg		10/21/2015 12:44
Benzo (a) anthracene	**560**	ug/Kg		10/21/2015 12:44
Benzo (a) pyrene	**540**	ug/Kg		10/21/2015 12:44
Benzo (b) fluoranthene	**504**	ug/Kg		10/21/2015 12:44
Benzo (g,h,i) perylene	**433**	ug/Kg		10/21/2015 12:44
Benzo (k) fluoranthene	**349**	ug/Kg		10/21/2015 12:44
Chrysene	**525**	ug/Kg		10/21/2015 12:44
Dibenz (a,h) anthracene	< 331	ug/Kg		10/21/2015 12:44
Fluoranthene	**1250**	ug/Kg		10/21/2015 12:44
Fluorene	< 331	ug/Kg		10/21/2015 12:44
Indeno (1,2,3-cd) pyrene	**514**	ug/Kg		10/21/2015 12:44
Naphthalene	< 331	ug/Kg		10/21/2015 12:44
Phenanthrene	**990**	ug/Kg		10/21/2015 12:44
Pyrene	**936**	ug/Kg		10/21/2015 12:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**56.9**	33.8 - 96.3		10/21/2015 12:44
Nitrobenzene-d5	**44.3**	32.5 - 99.4		10/21/2015 12:44
Terphenyl-d14	**75.8**	60.5 - 111		10/21/2015 12:44

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08183.D

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 9.25	ug/Kg		10/20/2015 18:55
1,3,5-Trimethylbenzene	< 9.25	ug/Kg		10/20/2015 18:55
Benzene	< 9.25	ug/Kg		10/20/2015 18:55

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 6
Lab Sample ID: 154421-05 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Ethylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
Isopropylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
m,p-Xylene	< 9.25	ug/Kg	10/20/2015	18:55
Methyl tert-butyl Ether	< 9.25	ug/Kg	10/20/2015	18:55
Naphthalene	< 23.1	ug/Kg	10/20/2015	18:55
n-Butylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
n-Propylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
o-Xylene	< 9.25	ug/Kg	10/20/2015	18:55
p-Isopropyltoluene	< 9.25	ug/Kg	10/20/2015	18:55
sec-Butylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
tert-Butylbenzene	< 9.25	ug/Kg	10/20/2015	18:55
Toluene	< 9.25	ug/Kg	10/20/2015	18:55

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**110**	81.1 - 127		10/20/2015	18:55
4-Bromofluorobenzene	**92.7**	83 - 114		10/20/2015	18:55
Pentafluorobenzene	**97.9**	91.8 - 110		10/20/2015	18:55
Toluene-D8	**99.0**	91 - 107		10/20/2015	18:55

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x27003.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Test Pit 9		
Lab Sample ID:	154421-06	**Date Sampled:**	10/19/2015
Matrix:	Soil	**Date Received:**	10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 330	ug/Kg		10/21/2015 13:41
Acenaphthylene	< 330	ug/Kg		10/21/2015 13:41
Anthracene	< 330	ug/Kg		10/21/2015 13:41
Benzo (a) anthracene	**875**	ug/Kg		10/21/2015 13:41
Benzo (a) pyrene	**791**	ug/Kg		10/21/2015 13:41
Benzo (b) fluoranthene	**910**	ug/Kg		10/21/2015 13:41
Benzo (g,h,i) perylene	**539**	ug/Kg		10/21/2015 13:41
Benzo (k) fluoranthene	**587**	ug/Kg		10/21/2015 13:41
Chrysene	**887**	ug/Kg		10/21/2015 13:41
Dibenz (a,h) anthracene	< 330	ug/Kg		10/21/2015 13:41
Fluoranthene	**1800**	ug/Kg		10/21/2015 13:41
Fluorene	< 330	ug/Kg		10/21/2015 13:41
Indeno (1,2,3-cd) pyrene	**837**	ug/Kg		10/21/2015 13:41
Naphthalene	< 330	ug/Kg		10/21/2015 13:41
Phenanthrene	**1410**	ug/Kg		10/21/2015 13:41
Pyrene	**1400**	ug/Kg		10/21/2015 13:41

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**64.8**	33.8 - 96.3		10/21/2015 13:41
Nitrobenzene-d5	**50.9**	32.5 - 99.4		10/21/2015 13:41
Terphenyl-d14	**74.4**	60.5 - 111		10/21/2015 13:41

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08185.D

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	**11.4**	ug/Kg		10/20/2015 19:19
1,3,5-Trimethylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
Benzene	< 10.0	ug/Kg		10/20/2015 19:19

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier:	Test Pit 9		
Lab Sample ID:	154421-06	**Date Sampled:**	10/19/2015
Matrix:	Soil	**Date Received:**	10/20/2015

Ethylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
Isopropylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
m,p-Xylene	< 10.0	ug/Kg		10/20/2015 19:19
Methyl tert-butyl Ether	< 10.0	ug/Kg		10/20/2015 19:19
Naphthalene	**37.9**	ug/Kg		10/20/2015 19:19
n-Butylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
n-Propylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
o-Xylene	< 10.0	ug/Kg		10/20/2015 19:19
p-Isopropyltoluene	**11.5**	ug/Kg		10/20/2015 19:19
sec-Butylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
tert-Butylbenzene	< 10.0	ug/Kg		10/20/2015 19:19
Toluene	< 10.0	ug/Kg		10/20/2015 19:19

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**106**	81.1 - 127		10/20/2015 19:19
4-Bromofluorobenzene	**96.5**	83 - 114		10/20/2015 19:19
Pentafluorobenzene	**95.8**	91.8 - 110		10/20/2015 19:19
Toluene-D8	**97.7**	91 - 107		10/20/2015 19:19

Method Reference(s): EPA 8260C
EPA 5035A

Data File: x27004.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 10
Lab Sample ID: 154421-07 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 325	ug/Kg		10/21/2015 14:09
Acenaphthylene	< 325	ug/Kg		10/21/2015 14:09
Anthracene	**352**	ug/Kg		10/21/2015 14:09
Benzo (a) anthracene	**1130**	ug/Kg		10/21/2015 14:09
Benzo (a) pyrene	**1060**	ug/Kg		10/21/2015 14:09
Benzo (b) fluoranthene	**1180**	ug/Kg		10/21/2015 14:09
Benzo (g,h,i) perylene	**725**	ug/Kg		10/21/2015 14:09
Benzo (k) fluoranthene	**825**	ug/Kg		10/21/2015 14:09
Chrysene	**1210**	ug/Kg		10/21/2015 14:09
Dibenz (a,h) anthracene	< 325	ug/Kg		10/21/2015 14:09
Fluoranthene	**2000**	ug/Kg		10/21/2015 14:09
Fluorene	< 325	ug/Kg		10/21/2015 14:09
Indeno (1,2,3-cd) pyrene	**1090**	ug/Kg		10/21/2015 14:09
Naphthalene	< 325	ug/Kg		10/21/2015 14:09
Phenanthrene	**1230**	ug/Kg		10/21/2015 14:09
Pyrene	**1620**	ug/Kg		10/21/2015 14:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**64.7**	33.8 - 96.3		10/21/2015 14:09
Nitrobenzene-d5	**50.7**	32.5 - 99.4		10/21/2015 14:09
Terphenyl-d14	**73.6**	60.5 - 111		10/21/2015 14:09

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 10/21/2015
Data File: B08186.D

Volatile Organics (Petroleum)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trimethylbenzene	< 8.38	ug/Kg		10/20/2015 19:43
1,3,5-Trimethylbenzene	< 8.38	ug/Kg		10/20/2015 19:43
Benzene	< 8.38	ug/Kg		10/20/2015 19:43

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154421

Client: **AMD Environmental Consultants**

Project Reference: N/A

Sample Identifier: Test Pit 10
Lab Sample ID: 154421-07 **Date Sampled:** 10/19/2015
Matrix: Soil **Date Received:** 10/20/2015

Ethylbenzene	< 8.38	ug/Kg		M	10/20/2015 19:43
Isopropylbenzene	< 8.38	ug/Kg			10/20/2015 19:43
m,p-Xylene	< 8.38	ug/Kg			10/20/2015 19:43
Methyl tert-butyl Ether	< 8.38	ug/Kg			10/20/2015 19:43
Naphthalene	< 21.0	ug/Kg			10/20/2015 19:43
n-Butylbenzene	< 8.38	ug/Kg			10/20/2015 19:43
n-Propylbenzene	< 8.38	ug/Kg			10/20/2015 19:43
o-Xylene	< 8.38	ug/Kg			10/20/2015 19:43
p-Isopropyltoluene	< 8.38	ug/Kg			10/20/2015 19:43
sec-Butylbenzene	< 8.38	ug/Kg			10/20/2015 19:43
tert-Butylbenzene	< 8.38	ug/Kg			10/20/2015 19:43
Toluene	< 8.38	ug/Kg		M	10/20/2015 19:43

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**110**	81.1 - 127		10/20/2015 19:43
4-Bromofluorobenzene	**97.1**	83 - 114		10/20/2015 19:43
Pentafluorobenzene	**96.3**	91.8 - 110		10/20/2015 19:43
Toluene-D8	**96.2**	91 - 107		10/20/2015 19:43

Method Reference(s): EPA 8260C
EPA 5035A
Data File: x27005.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Analytical Report Appendix

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

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

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.
"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, tern 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.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM
ENVIRONMENTAL SERVICES, INC.

1 of 2

CHAIN OF COUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	AMD	CLIENT:	AMD	154421
ADDRESS:		ADDRESS:		Quotation #:
CITY: Amherst	STATE: NY ZIP:	CITY:	STATE: ZIP:	Email:
PHONE:		PHONE:		
ATTN:	Anthony Bruscella	ATTN:		

PROJECT REFERENCE

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	SVOC - Stars	VOC - Stars	Metals - Regs	PCB	TPH - PHC	TCLP Lead (per Webster 10/20/15)	TCLP Brazeely	Flash	pH		REMARKS	PARADIGM LAB SAMPLE NUMBER
1	10/19	10:00	X		TANK 1 -	SO	2					✓	✓	✓	✓	✓			01 A
2	10/19	10:15	X		TEST Pit 1	SO	2	✓	✓	✓	✓								02
3	10/19	10:30	X		Test 2 South of 2nd Conduit	SO	2	✓	✓										03
4	10/19	10:44	X		TEST Pit 3	SO	1	✓	✓										04
5	10/19	11:00	X		TEST Pit 6	SO	1	✓	✓										05
6	10/19	11:35	X		TEST Pit 9	SO	1	✓	✓										06
7	10/19	11:30	X		Test Pit 10	SO	1	✓	✓										07
8																			
9																			
10																		13°C iced 10/20/15 1341 [illegible]	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	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: [illegible] Date/Time: 10/19

Relinquished By: [illegible] Date/Time: 10/19/15 4:05pm

Received By: [illegible] ltcl Date/Time: 10/20/15 14:01

Received @ Lab By: Date/Time:

Total Cost:

P.I.F. 10-20-15 10A

Chain of Custody Supplement

Client: AMD Environment **Completed by:** Glenn Pezzulo

Lab Project ID: 154421 **Date:** 10/20/15

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	X (5035(62→07))	
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	13°C iced		
Sufficient Sample Quantity	X		
Comments			

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

PARADIGM

Analytical Report For

AMD Environmental Consultants

For Lab Project ID

154486

Referencing

975 Furhman

Prepared

Thursday, October 29, 2015

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

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: 154486

Client: **AMD Environmental Consultants**

Project Reference: 975 Furhman

Sample Identifier: 1 - Transformer 1594
Lab Sample ID: 154486-01 **Date Sampled:** 10/21/2015
Matrix: Non Aq Liquid **Date Received:** 10/23/2015

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1221	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1232	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1242	**1.58**	mg/Kg		10/28/2015 06:00
PCB-1248	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1254	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1260	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1262	< 0.990	mg/Kg		10/28/2015 06:00
PCB-1268	< 0.990	mg/Kg		10/28/2015 06:00

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**37.3**	17.9 - 108		10/28/2015 06:00
Tetrachloro-m-xylene	**49.6**	26.2 - 85.3		10/28/2015 06:00

Method Reference(s): EPA 8082A
EPA 3580A
Preparation Date: 10/27/2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154486

Client: **AMD Environmental Consultants**

Project Reference: 975 Furhman

Sample Identifier: 2 - 1st Floor
Lab Sample ID: 154486-02 **Date Sampled:** 10/21/2015
Matrix: Non Aq Liquid **Date Received:** 10/23/2015

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1221	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1232	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1242	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1248	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1254	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1260	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1262	< 0.971	mg/Kg		10/28/2015 06:23
PCB-1268	< 0.971	mg/Kg		10/28/2015 06:23

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**49.0**	17.9 - 108		10/28/2015 06:23
Tetrachloro-m-xylene	**64.6**	26.2 - 85.3		10/28/2015 06:23

Method Reference(s): EPA 8082A
EPA 3580A
Preparation Date: 10/27/2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154486

Client: **AMD Environmental Consultants**

Project Reference: 975 Furhman

Sample Identifier: 3 - Roof
Lab Sample ID: 154486-03 **Date Sampled:** 10/21/2015
Matrix: Non Aq Liquid **Date Received:** 10/23/2015

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1221	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1232	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1242	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1248	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1254	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1260	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1262	< 0.962	mg/Kg		10/28/2015 06:46
PCB-1268	< 0.962	mg/Kg		10/28/2015 06:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**46.9**	17.9 - 108		10/28/2015 06:46
Tetrachloro-m-xylene	**60.7**	26.2 - 85.3		10/28/2015 06:46

Method Reference(s): EPA 8082A
EPA 3580A
Preparation Date: 10/27/2015

Report Prepared Thursday, October 29, 2015

Analytical Report Appendix

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

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"<" = Analyzed for but not detected at or above the quantitation limit.
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"Z" = See case narrative.
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"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.*
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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.

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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.

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

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	LAB PROJECT ID
CLIENT: AMD	CLIENT: AMD	154486
ADDRESS:	ADDRESS:	Quotation #:
CITY: Amherst STATE: NY ZIP:	CITY: STATE: ZIP:	Email:
PHONE:	PHONE:	
ATTN: Anthony Douglas	ATTN:	

PROJECT REFERENCE

975 Furhmann

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	PCB	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	10/21	1:30		X	1- Transformer 1554	AQ	1	✓		01
2	10/21	1:00		X	2- 1st Floor	AQ	1	✓		02
3	10/21	2:30		X	3- Roof	AQ	1	✓		03
4					NQ per solubility tests 6th 10/23/15					
5										
6										
7										
8										
9										
10										

15°C iced 10/22/15 1741 KC

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☑	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: [signature] Date/Time: 10/21/15

Relinquished By: [signature] Date/Time: 10-21-15 @ 3:35P

Received By: [signature] Date/Time: 10-21-15 / 10-22-15

Received @ Lab By: [signature] Date/Time: 10/23/15 13:03

Total Cost:

P.I.F. 2.VOP

Chain of Custody Supplement

Client: AMD Environmental **Completed by:** Glenn Pezzulo

Lab Project ID: 154486 **Date:** 10/23/15

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	
Comments	15°C iced		
Sufficient Sample Quantity	X		
Comments			

PARADIGM

Analytical Report For

AMD Environmental Consultants

For Lab Project ID

153797

Referencing

975 Fuhrmann Blvd.

Prepared

Friday, September 18, 2015

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

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: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	E Incinerator Basement		
Lab Sample ID:	153797-01	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

5-Day Biochemical Oxygen Demand

Analyte	Result	Units	Qualifier	Date Analyzed
BOD 5	**12**	mg/L		9/10/2015

Method Reference(s): SM 5210 B
Subcontractor ELAP ID: 10142

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.000200	mg/L		9/16/2015 10:44

Method Reference(s): EPA 245.1
Preparation Date: 9/15/2015
Data File: Hg150916A

Priority Pollutant Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Antimony	< 0.0300	mg/L		9/14/2015 13:03
Arsenic	**0.00630**	mg/L		9/14/2015 13:03
Beryllium	< 0.00250	mg/L		9/14/2015 13:03
Cadmium	< 0.00250	mg/L		9/14/2015 13:03
Chromium	**0.00557**	mg/L		9/14/2015 13:03
Copper	**0.0141**	mg/L		9/14/2015 13:03
Lead	**0.0513**	mg/L		9/14/2015 13:03
Nickel	< 0.0200	mg/L		9/14/2015 13:03
Selenium	< 0.00500	mg/L		9/14/2015 13:03
Silver	< 0.00500	mg/L		9/14/2015 13:03
Thallium	< 0.0125	mg/L		9/14/2015 13:03
Zinc	**0.172**	mg/L		9/14/2015 13:03

Method Reference(s): EPA 200.7
Preparation Date: 9/11/2015
Data File: 091415a

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier: E Incinerator Basement
Lab Sample ID: 153797-01 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		9/16/2015 00:24
PCB-1221	< 1.00	ug/L		9/16/2015 00:24
PCB-1232	< 1.00	ug/L		9/16/2015 00:24
PCB-1242	< 1.00	ug/L		9/16/2015 00:24
PCB-1248	< 1.00	ug/L		9/16/2015 00:24
PCB-1254	< 1.00	ug/L		9/16/2015 00:24
PCB-1260	< 1.00	ug/L		9/16/2015 00:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**63.6**	0 - 148		9/16/2015 00:24
Tetrachloro-m-xylene	**85.5**	2.06 - 91.3		9/16/2015 00:24

Method Reference(s): EPA 608
Preparation Date: 9/11/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.100	ug/L		9/16/2015 20:31
4,4-DDE	< 0.100	ug/L		9/16/2015 20:31
4,4-DDT	< 0.100	ug/L		9/16/2015 20:31
Aldrin	< 0.100	ug/L	L	9/16/2015 20:31
alpha-BHC	< 0.100	ug/L		9/16/2015 20:31
beta-BHC	< 0.100	ug/L		9/16/2015 20:31
cis-Chlordane	< 0.100	ug/L		9/16/2015 20:31
delta-BHC	< 0.100	ug/L		9/16/2015 20:31
Dieldrin	< 0.100	ug/L		9/16/2015 20:31
Endosulfan I	< 0.100	ug/L		9/16/2015 20:31
Endosulfan II	< 0.100	ug/L		9/16/2015 20:31
Endosulfan Sulfate	< 0.100	ug/L		9/16/2015 20:31
Endrin	< 0.100	ug/L		9/16/2015 20:31
Endrin Aldehyde	< 0.100	ug/L		9/16/2015 20:31
gamma-BHC (Lindane)	< 0.100	ug/L		9/16/2015 20:31

Sample Identifier: E Incinerator Basement
Lab Sample ID: 153797-01 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

Heptachlor	< 0.100	ug/L		9/16/2015 20:31
Heptachlor Epoxide	< 0.100	ug/L		9/16/2015 20:31
Methoxychlor	< 0.100	ug/L		9/16/2015 20:31
Toxaphene	< 1.00	ug/L		9/16/2015 20:31
trans-Chlordane	< 0.100	ug/L		9/16/2015 20:31

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl (1)	**56.9**	34.3 - 135		9/16/2015 20:31
Tetrachloro-m-xylene (1)	**108**	15.3 - 91.3	*	9/16/2015 20:31

Method Reference(s): EPA 608
Preparation Date: 9/11/2015

pH

Analyte	Result	Units	Qualifier	Date Analyzed
pH	7.58 @ 19.8 C	S.U.		9/10/2015 16:02

Method Reference(s): SM 4500 H+ B
ELAP does not offer this test for approval as part of their laboratory certification program.

Total Phenolics

Analyte	Result	Units	Qualifier	Date Analyzed
Phenolics, Total	**0.032**	mg/L		9/16/2015

Method Reference(s): 10-210-00-1-A
Subcontractor ELAP ID: 10142

Total Phosphorus

Analyte	Result	Units	Qualifier	Date Analyzed
Phosphorus, Total	<0.10	mg/L		9/14/2015

Method Reference(s): EPA 365.3
Subcontractor ELAP ID: 10142

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		9/16/2015 19:50
1,2-Dichlorobenzene	< 10.0	ug/L		9/16/2015 19:50
1,3-Dichlorobenzene	< 10.0	ug/L		9/16/2015 19:50

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	E Incinerator Basement		
Lab Sample ID:	153797-01	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

1,4-Dichlorobenzene	< 10.0	ug/L	9/16/2015	19:50
2,4,6-Trichlorophenol	< 10.0	ug/L	9/16/2015	19:50
2,4-Dichlorophenol	< 10.0	ug/L	9/16/2015	19:50
2,4-Dimethylphenol	< 10.0	ug/L	9/16/2015	19:50
2,4-Dinitrophenol	< 20.0	ug/L	9/16/2015	19:50
2,4-Dinitrotoluene	< 10.0	ug/L	9/16/2015	19:50
2,6-Dinitrotoluene	< 10.0	ug/L	9/16/2015	19:50
2-Chloronaphthalene	< 10.0	ug/L	9/16/2015	19:50
2-Chlorophenol	< 10.0	ug/L	9/16/2015	19:50
2-Nitrophenol	< 10.0	ug/L	9/16/2015	19:50
3,3'-Dichlorobenzidine	< 10.0	ug/L	9/16/2015	19:50
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	9/16/2015	19:50
4-Bromophenyl phenyl ether	< 10.0	ug/L	9/16/2015	19:50
4-Chloro-3-methylphenol	< 10.0	ug/L	9/16/2015	19:50
4-Chlorophenyl phenyl ether	< 10.0	ug/L	9/16/2015	19:50
4-Nitrophenol	< 20.0	ug/L	9/16/2015	19:50
Acenaphthene	< 10.0	ug/L	9/16/2015	19:50
Acenaphthylene	< 10.0	ug/L	9/16/2015	19:50
Anthracene	< 10.0	ug/L	9/16/2015	19:50
Benzidine	< 20.0	ug/L	9/16/2015	19:50
Benzo (a) anthracene	< 10.0	ug/L	9/16/2015	19:50
Benzo (a) pyrene	< 10.0	ug/L	9/16/2015	19:50
Benzo (b) fluoranthene	< 10.0	ug/L	9/16/2015	19:50
Benzo (g,h,i) perylene	< 10.0	ug/L	9/16/2015	19:50
Benzo (k) fluoranthene	< 10.0	ug/L	9/16/2015	19:50
Bis (2-chloroethoxy) methane	< 10.0	ug/L	9/16/2015	19:50
Bis (2-chloroethyl) ether	< 10.0	ug/L	9/16/2015	19:50
Bis (2-chloroisopropyl) ether	< 10.0	ug/L	9/16/2015	19:50
Bis (2-ethylhexyl) phthalate	**11.3**	ug/L	9/16/2015	19:50
Butylbenzylphthalate	< 10.0	ug/L	9/16/2015	19:50
Chrysene	< 10.0	ug/L	9/16/2015	19:50
Dibenz (a,h) anthracene	< 10.0	ug/L	9/16/2015	19:50

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier: E Incinerator Basement
Lab Sample ID: 153797-01 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

Diethyl phthalate	< 10.0	ug/L		9/16/2015 19:50
Dimethyl phthalate	< 20.0	ug/L		9/16/2015 19:50
Di-n-butyl phthalate	< 10.0	ug/L		9/16/2015 19:50
Di-n-octylphthalate	< 10.0	ug/L		9/16/2015 19:50
Fluoranthene	< 10.0	ug/L		9/16/2015 19:50
Fluorene	< 10.0	ug/L		9/16/2015 19:50
Hexachlorobenzene	< 10.0	ug/L		9/16/2015 19:50
Hexachlorobutadiene	< 10.0	ug/L		9/16/2015 19:50
Hexachlorocyclopentadiene	< 10.0	ug/L		9/16/2015 19:50
Hexachloroethane	< 10.0	ug/L		9/16/2015 19:50
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		9/16/2015 19:50
Isophorone	< 10.0	ug/L		9/16/2015 19:50
Naphthalene	< 10.0	ug/L		9/16/2015 19:50
Nitrobenzene	< 10.0	ug/L		9/16/2015 19:50
N-Nitrosodimethylamine	< 10.0	ug/L		9/16/2015 19:50
N-Nitroso-di-n-propylamine	< 10.0	ug/L		9/16/2015 19:50
N-Nitrosodiphenylamine	< 10.0	ug/L		9/16/2015 19:50
Pentachlorophenol	< 20.0	ug/L		9/16/2015 19:50
Phenanthrene	< 10.0	ug/L		9/16/2015 19:50
Phenol	< 10.0	ug/L		9/16/2015 19:50
Pyrene	< 10.0	ug/L		9/16/2015 19:50

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**70.2**	38.8 - 131		9/16/2015 19:50
2-Fluorobiphenyl	**64.5**	27.3 - 103		9/16/2015 19:50
2-Fluorophenol	**34.4**	6.27 - 105		9/16/2015 19:50
Nitrobenzene-d5	**65.5**	47.5 - 103		9/16/2015 19:50
Phenol-d5	**24.4**	0 - 102		9/16/2015 19:50
Terphenyl-d14	**71.0**	53.4 - 113		9/16/2015 19:50

Method Reference(s): EPA 625
Preparation Date: 9/11/2015
Data File: B07507.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	E Incinerator Basement		
Lab Sample ID:	153797-01	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

Total Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids	**230**	mg/L		9/16/2015

Method Reference(s): SM 2540 B
Subcontractor ELAP ID: 10142

Total Dissolved Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids, Dissolved	**170**	mg/L		9/14/2015

Method Reference(s): SM 2540 C
Subcontractor ELAP ID: 10142

Total Suspended Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids, Suspended	**170**	mg/L		9/14/2015

Method Reference(s): SM 2540 D
Subcontractor ELAP ID: 10142

Total Petroleum Hydrocarbons (Gravimetric)

Analyte	Result	Units	Qualifier	Date Analyzed
Total Petroleum Hydrocarbon (Silica Gel / HEM)	**64**	mg/L		9/14/2015

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10142

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/14/2015 15:48
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/14/2015 15:48
1,1,2-Trichloroethane	< 2.00	ug/L		9/14/2015 15:48
1,1-Dichloroethane	< 2.00	ug/L		9/14/2015 15:48
1,1-Dichloroethene	< 2.00	ug/L		9/14/2015 15:48
1,2-Dichlorobenzene	< 2.00	ug/L		9/14/2015 15:48
1,2-Dichloroethane	< 2.00	ug/L		9/14/2015 15:48

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	E Incinerator Basement		
Lab Sample ID:	153797-01	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

1,2-Dichloropropane	< 2.00	ug/L	9/14/2015	15:48
1,3-Dichlorobenzene	< 2.00	ug/L	9/14/2015	15:48
1,4-Dichlorobenzene	< 2.00	ug/L	9/14/2015	15:48
2-Chloroethyl vinyl Ether	< 10.0	ug/L	9/14/2015	15:48
Benzene	< 1.00	ug/L	9/14/2015	15:48
Bromodichloromethane	< 2.00	ug/L	9/14/2015	15:48
Bromoform	< 5.00	ug/L	9/14/2015	15:48
Bromomethane	< 2.00	ug/L	9/14/2015	15:48
Carbon Tetrachloride	< 2.00	ug/L	9/14/2015	15:48
Chlorobenzene	< 2.00	ug/L	9/14/2015	15:48
Chloroethane	< 2.00	ug/L	9/14/2015	15:48
Chloroform	< 2.00	ug/L	9/14/2015	15:48
Chloromethane	< 2.00	ug/L	9/14/2015	15:48
cis-1,3-Dichloropropene	< 2.00	ug/L	9/14/2015	15:48
Dibromochloromethane	< 2.00	ug/L	9/14/2015	15:48
Ethylbenzene	< 2.00	ug/L	9/14/2015	15:48
Methylene chloride	< 5.00	ug/L	9/14/2015	15:48
Tetrachloroethene	< 2.00	ug/L	9/14/2015	15:48
Toluene	< 2.00	ug/L	9/14/2015	15:48
trans-1,2-Dichloroethene	< 2.00	ug/L	9/14/2015	15:48
trans-1,3-Dichloropropene	< 2.00	ug/L	9/14/2015	15:48
Trichloroethene	< 2.00	ug/L	9/14/2015	15:48
Trichlorofluoromethane	< 2.00	ug/L	9/14/2015	15:48
Vinyl chloride	< 2.00	ug/L	9/14/2015	15:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	81.1 - 116		9/14/2015	15:48
4-Bromofluorobenzene	**91.1**	82.3 - 113		9/14/2015	15:48
Pentafluorobenzene	**89.3**	91.1 - 110	*	9/14/2015	15:48
Toluene-D8	**99.5**	91.4 - 106		9/14/2015	15:48

Method Reference(s): EPA 624

Data File: x26023.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	E Incinerator Basement		
Lab Sample ID:	153797-01	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	< 0.0100	mg/L		9/15/2015

Method Reference(s): SM19 4500 CN E
Preparation Date: 9/15/2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	W Main Basement		
Lab Sample ID:	153797-02	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

5-Day Biochemical Oxygen Demand

Analyte	Result	Units	Qualifier	Date Analyzed
BOD 5	**54**	mg/L		9/10/2015

Method Reference(s): SM 5210 B
Subcontractor ELAP ID: 10142

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	**0.00168**	mg/L		9/16/2015 10:47

Method Reference(s): EPA 245.1
Preparation Date: 9/15/2015
Data File: Hg150916A

Priority Pollutant Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Antimony	**0.0331**	mg/L		9/14/2015 13:07
Arsenic	**0.00807**	mg/L		9/14/2015 13:07
Beryllium	< 0.00250	mg/L		9/14/2015 13:07
Cadmium	**0.0266**	mg/L		9/14/2015 13:07
Chromium	**0.0195**	mg/L		9/14/2015 13:07
Copper	**0.0460**	mg/L		9/14/2015 13:07
Lead	**1.10**	mg/L		9/14/2015 13:07
Nickel	< 0.0200	mg/L		9/14/2015 13:07
Selenium	< 0.00500	mg/L		9/14/2015 13:07
Silver	< 0.00500	mg/L		9/14/2015 13:07
Thallium	< 0.0125	mg/L		9/14/2015 13:07
Zinc	**6.82**	mg/L		9/14/2015 14:27

Method Reference(s): EPA 200.7
Preparation Date: 9/11/2015
Data File: 091415a

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier: W Main Basement
Lab Sample ID: 153797-02 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		9/16/2015 00:47
PCB-1221	< 1.00	ug/L		9/16/2015 00:47
PCB-1232	< 1.00	ug/L		9/16/2015 00:47
PCB-1242	< 1.00	ug/L		9/16/2015 00:47
PCB-1248	< 1.00	ug/L		9/16/2015 00:47
PCB-1254	< 1.00	ug/L		9/16/2015 00:47
PCB-1260	< 1.00	ug/L		9/16/2015 00:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	**29.8**	0 - 148		9/16/2015 00:47
Tetrachloro-m-xylene	**38.7**	2.06 - 91.3		9/16/2015 00:47

Method Reference(s): EPA 608
Preparation Date: 9/11/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	**0.166**	ug/L		9/16/2015 20:44
4,4-DDE	< 0.100	ug/L		9/16/2015 20:44
4,4-DDT	**0.216**	ug/L	P	9/16/2015 20:44
Aldrin	< 0.100	ug/L	L	9/16/2015 20:44
alpha-BHC	**0.624**	ug/L		9/16/2015 20:44
beta-BHC	< 0.100	ug/L		9/16/2015 20:44
cis-Chlordane	< 0.100	ug/L		9/16/2015 20:44
delta-BHC	< 0.100	ug/L		9/16/2015 20:44
Dieldrin	< 0.100	ug/L		9/16/2015 20:44
Endosulfan I	**0.101**	ug/L	P	9/16/2015 20:44
Endosulfan II	< 0.100	ug/L		9/16/2015 20:44
Endosulfan Sulfate	< 0.100	ug/L		9/16/2015 20:44
Endrin	< 0.100	ug/L		9/16/2015 20:44
Endrin Aldehyde	< 0.100	ug/L		9/16/2015 20:44
gamma-BHC (Lindane)	< 0.100	ug/L		9/16/2015 20:44

Sample Identifier: W Main Basement
Lab Sample ID: 153797-02 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

Heptachlor	< 0.100	ug/L		9/16/2015 20:44
Heptachlor Epoxide	< 0.100	ug/L		9/16/2015 20:44
Methoxychlor	< 0.100	ug/L		9/16/2015 20:44
Toxaphene	< 1.00	ug/L		9/16/2015 20:44
trans-Chlordane	< 0.100	ug/L		9/16/2015 20:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl (1)	**40.0**	34.3 - 135		9/16/2015 20:44
Tetrachloro-m-xylene (1)	**83.2**	15.3 - 91.3		9/16/2015 20:44

Method Reference(s): EPA 608
Preparation Date: 9/11/2015

pH

Analyte	Result	Units	Qualifier	Date Analyzed
pH	7.37 @ 19.9 C	S.U.		9/10/2015 16:02

Method Reference(s): SM 4500 H+ B
ELAP does not offer this test for approval as part of their laboratory certification program.

Total Phenolics

Analyte	Result	Units	Qualifier	Date Analyzed
Phenolics, Total	**0.021**	mg/L		9/16/2015

Method Reference(s): 10-210-00-1-A
Subcontractor ELAP ID: 10142

Total Phosphorus

Analyte	Result	Units	Qualifier	Date Analyzed
Phosphorus, Total	<0.10	mg/L		9/14/2015

Method Reference(s): EPA 365.3
Subcontractor ELAP ID: 10142

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		9/16/2015 20:18
1,2-Dichlorobenzene	< 10.0	ug/L		9/16/2015 20:18
1,3-Dichlorobenzene	< 10.0	ug/L		9/16/2015 20:18

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	W Main Basement		
Lab Sample ID:	153797-02	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

1,4-Dichlorobenzene	< 10.0	ug/L	9/16/2015	20:18
2,4,6-Trichlorophenol	< 10.0	ug/L	9/16/2015	20:18
2,4-Dichlorophenol	< 10.0	ug/L	9/16/2015	20:18
2,4-Dimethylphenol	< 10.0	ug/L	9/16/2015	20:18
2,4-Dinitrophenol	< 20.0	ug/L	9/16/2015	20:18
2,4-Dinitrotoluene	< 10.0	ug/L	9/16/2015	20:18
2,6-Dinitrotoluene	< 10.0	ug/L	9/16/2015	20:18
2-Chloronaphthalene	< 10.0	ug/L	9/16/2015	20:18
2-Chlorophenol	< 10.0	ug/L	9/16/2015	20:18
2-Nitrophenol	< 10.0	ug/L	9/16/2015	20:18
3,3'-Dichlorobenzidine	< 10.0	ug/L	9/16/2015	20:18
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	9/16/2015	20:18
4-Bromophenyl phenyl ether	< 10.0	ug/L	9/16/2015	20:18
4-Chloro-3-methylphenol	< 10.0	ug/L	9/16/2015	20:18
4-Chlorophenyl phenyl ether	< 10.0	ug/L	9/16/2015	20:18
4-Nitrophenol	< 20.0	ug/L	9/16/2015	20:18
Acenaphthene	< 10.0	ug/L	9/16/2015	20:18
Acenaphthylene	< 10.0	ug/L	9/16/2015	20:18
Anthracene	< 10.0	ug/L	9/16/2015	20:18
Benzidine	< 20.0	ug/L	9/16/2015	20:18
Benzo (a) anthracene	< 10.0	ug/L	9/16/2015	20:18
Benzo (a) pyrene	< 10.0	ug/L	9/16/2015	20:18
Benzo (b) fluoranthene	< 10.0	ug/L	9/16/2015	20:18
Benzo (g,h,i) perylene	< 10.0	ug/L	9/16/2015	20:18
Benzo (k) fluoranthene	< 10.0	ug/L	9/16/2015	20:18
Bis (2-chloroethoxy) methane	< 10.0	ug/L	9/16/2015	20:18
Bis (2-chloroethyl) ether	< 10.0	ug/L	9/16/2015	20:18
Bis (2-chloroisopropyl) ether	< 10.0	ug/L	9/16/2015	20:18
Bis (2-ethylhexyl) phthalate	**39.7**	ug/L	9/16/2015	20:18
Butylbenzylphthalate	< 10.0	ug/L	9/16/2015	20:18
Chrysene	< 10.0	ug/L	9/16/2015	20:18
Dibenz (a,h) anthracene	< 10.0	ug/L	9/16/2015	20:18

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier: W Main Basement
Lab Sample ID: 153797-02 **Date Sampled:** 9/9/2015
Matrix: Wastewater **Date Received:** 9/10/2015

Diethyl phthalate	< 10.0	ug/L		9/16/2015 20:18
Dimethyl phthalate	< 20.0	ug/L		9/16/2015 20:18
Di-n-butyl phthalate	< 10.0	ug/L		9/16/2015 20:18
Di-n-octylphthalate	< 10.0	ug/L		9/16/2015 20:18
Fluoranthene	< 10.0	ug/L		9/16/2015 20:18
Fluorene	< 10.0	ug/L		9/16/2015 20:18
Hexachlorobenzene	< 10.0	ug/L		9/16/2015 20:18
Hexachlorobutadiene	< 10.0	ug/L		9/16/2015 20:18
Hexachlorocyclopentadiene	< 10.0	ug/L		9/16/2015 20:18
Hexachloroethane	< 10.0	ug/L		9/16/2015 20:18
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		9/16/2015 20:18
Isophorone	< 10.0	ug/L		9/16/2015 20:18
Naphthalene	< 10.0	ug/L		9/16/2015 20:18
Nitrobenzene	< 10.0	ug/L		9/16/2015 20:18
N-Nitrosodimethylamine	< 10.0	ug/L		9/16/2015 20:18
N-Nitroso-di-n-propylamine	< 10.0	ug/L		9/16/2015 20:18
N-Nitrosodiphenylamine	< 10.0	ug/L		9/16/2015 20:18
Pentachlorophenol	< 20.0	ug/L		9/16/2015 20:18
Phenanthrene	< 10.0	ug/L		9/16/2015 20:18
Phenol	< 10.0	ug/L		9/16/2015 20:18
Pyrene	< 10.0	ug/L		9/16/2015 20:18

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**66.4**	38.8 - 131		9/16/2015 20:18
2-Fluorobiphenyl	**65.2**	27.3 - 103		9/16/2015 20:18
2-Fluorophenol	**32.3**	6.27 - 105		9/16/2015 20:18
Nitrobenzene-d5	**59.3**	47.5 - 103		9/16/2015 20:18
Phenol-d5	**26.2**	0 - 102		9/16/2015 20:18
Terphenyl-d14	**73.7**	53.4 - 113		9/16/2015 20:18

Method Reference(s): EPA 625
Preparation Date: 9/11/2015
Data File: B07508.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	W Main Basement		
Lab Sample ID:	153797-02	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

Total Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids	**870**	mg/L		9/16/2015

Method Reference(s): SM 2540 B
Subcontractor ELAP ID: 10142

Total Dissolved Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids, Dissolved	**390**	mg/L		9/14/2015

Method Reference(s): SM 2540 C
Subcontractor ELAP ID: 10142

Total Suspended Solids

Analyte	Result	Units	Qualifier	Date Analyzed
Solids, Suspended	**160**	mg/L		9/14/2015

Method Reference(s): SM 2540 D
Subcontractor ELAP ID: 10142

Total Petroleum Hydrocarbons (Gravimetric)

Analyte	Result	Units	Qualifier	Date Analyzed
Total Petroleum Hydrocarbon (Silica Gel / HEM)	**400**	mg/L		9/14/2015

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10142

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/14/2015 16:11
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/14/2015 16:11
1,1,2-Trichloroethane	< 2.00	ug/L		9/14/2015 16:11
1,1-Dichloroethane	< 2.00	ug/L		9/14/2015 16:11
1,1-Dichloroethene	< 2.00	ug/L		9/14/2015 16:11
1,2-Dichlorobenzene	< 2.00	ug/L		9/14/2015 16:11
1,2-Dichloroethane	< 2.00	ug/L		9/14/2015 16:11

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	W Main Basement		
Lab Sample ID:	153797-02	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

1,2-Dichloropropane	< 2.00	ug/L	9/14/2015	16:11
1,3-Dichlorobenzene	< 2.00	ug/L	9/14/2015	16:11
1,4-Dichlorobenzene	< 2.00	ug/L	9/14/2015	16:11
2-Chloroethyl vinyl Ether	< 10.0	ug/L	9/14/2015	16:11
Benzene	< 1.00	ug/L	9/14/2015	16:11
Bromodichloromethane	< 2.00	ug/L	9/14/2015	16:11
Bromoform	< 5.00	ug/L	9/14/2015	16:11
Bromomethane	< 2.00	ug/L	9/14/2015	16:11
Carbon Tetrachloride	< 2.00	ug/L	9/14/2015	16:11
Chlorobenzene	< 2.00	ug/L	9/14/2015	16:11
Chloroethane	< 2.00	ug/L	9/14/2015	16:11
Chloroform	< 2.00	ug/L	9/14/2015	16:11
Chloromethane	< 2.00	ug/L	9/14/2015	16:11
cis-1,3-Dichloropropene	< 2.00	ug/L	9/14/2015	16:11
Dibromochloromethane	< 2.00	ug/L	9/14/2015	16:11
Ethylbenzene	< 2.00	ug/L	9/14/2015	16:11
Methylene chloride	< 5.00	ug/L	9/14/2015	16:11
Tetrachloroethene	< 2.00	ug/L	9/14/2015	16:11
Toluene	< 2.00	ug/L	9/14/2015	16:11
trans-1,2-Dichloroethene	< 2.00	ug/L	9/14/2015	16:11
trans-1,3-Dichloropropene	< 2.00	ug/L	9/14/2015	16:11
Trichloroethene	< 2.00	ug/L	9/14/2015	16:11
Trichlorofluoromethane	< 2.00	ug/L	9/14/2015	16:11
Vinyl chloride	< 2.00	ug/L	9/14/2015	16:11

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**101**	81.1 - 116		9/14/2015	16:11
4-Bromofluorobenzene	**91.4**	82.3 - 113		9/14/2015	16:11
Pentafluorobenzene	**88.7**	91.1 - 110	*	9/14/2015	16:11
Toluene-D8	**98.1**	91.4 - 106		9/14/2015	16:11

Method Reference(s): EPA 624

Data File: x26024.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153797

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Sample Identifier:	W Main Basement		
Lab Sample ID:	153797-02	**Date Sampled:**	9/9/2015
Matrix:	Wastewater	**Date Received:**	9/10/2015

Total Cyanide

Analyte	Result	Units	Qualifier	Date Analyzed
Cyanide, Total	< 0.0100	mg/L		9/15/2015

Method Reference(s): SM19 4500 CN E
Preparation Date: 9/15/2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: AMD Environmental Consultants

Project Reference: 975 Fuhrmann Blvd.

Lab Project ID: 153797

Matrix: Wastewater

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed	
4,4-DDD	<0.100	ug/L		9/16/2015	18:31
4,4-DDE	<0.100	ug/L		9/16/2015	18:31
4,4-DDT	<0.100	ug/L		9/16/2015	18:31
Aldrin	<0.100	ug/L		9/16/2015	18:31
alpha-BHC	<0.100	ug/L		9/16/2015	18:31
beta-BHC	<0.100	ug/L		9/16/2015	18:31
cis-Chlordane	<0.100	ug/L		9/16/2015	18:31
delta-BHC	<0.100	ug/L		9/16/2015	18:31
Dieldrin	<0.100	ug/L		9/16/2015	18:31
Endosulfan I	<0.100	ug/L		9/16/2015	18:31
Endosulfan II	<0.100	ug/L		9/16/2015	18:31
Endosulfan Sulfate	<0.100	ug/L		9/16/2015	18:31
Endrin	<0.100	ug/L		9/16/2015	18:31
Endrin Aldehyde	<0.100	ug/L		9/16/2015	18:31
gamma-BHC (Lindane)	<0.100	ug/L		9/16/2015	18:31
Heptachlor	<0.100	ug/L		9/16/2015	18:31
Heptachlor Epoxide	<0.100	ug/L		9/16/2015	18:31
Methoxychlor	<0.100	ug/L		9/16/2015	18:31
Toxaphene	<1.00	ug/L		9/16/2015	18:31
trans-Chlordane	<0.100	ug/L		9/16/2015	18:31

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
Decachlorobiphenyl (1)	**46.1**	34.3 - 135		9/16/2015	18:31
Tetrachloro-m-xylene (1)	**36.5**	15.3 - 91.3		9/16/2015	18:31

Method Reference(s): EPA 608
Preparation Date: 9/11/2015
Data File: PST11920.D
QC Batch ID: QC150911PESTW
QC Number: 1

Report Prepared Thursday, September 17, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Lab Project ID: 153797

Matrix: Wastewater

Chlorinated Pesticides

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
4,4-DDD (1)	0.500	ug/L	0.298	59.6	31 - 141		9/16/2015
4,4-DDE (1)	0.500	ug/L	0.301	60.2	30 - 145		9/16/2015
4,4-DDT (1)	0.500	ug/L	0.297	59.4	25 - 160		9/16/2015
Aldrin (1)	0.500	ug/L	0.197	39.3	42 - 122	*	9/16/2015
alpha-BHC (1)	0.500	ug/L	0.236	47.2	37 - 134		9/16/2015
beta-BHC (1)	0.500	ug/L	0.292	58.4	17 - 147		9/16/2015
cis-Chlordane (1)	0.500	ug/L	0.306	61.1	45 - 119		9/16/2015
delta-BHC (1)	0.500	ug/L	0.234	46.7	19 - 140		9/16/2015
Dieldrin (1)	0.500	ug/L	0.301	60.2	36 - 146		9/16/2015
Endosulfan I (1)	0.500	ug/L	0.292	58.5	45 - 153		9/16/2015
Endosulfan II (1)	0.500	ug/L	0.339	67.8	0 - 202		9/16/2015
Endosulfan Sulfate (1)	0.500	ug/L	0.342	68.4	26 - 144		9/16/2015
Endrin (1)	0.500	ug/L	0.292	58.5	30 - 147		9/16/2015
Endrin Aldehyde (1)	0.500	ug/L	0.366	73.2	-		9/16/2015
Endrin Ketone (1)	0.500	ug/L	0.338	67.5	-		9/16/2015
gamma-BHC (Lindane) (1)	0.500	ug/L	0.263	52.6	32 - 127		9/16/2015

Report Prepared *Thursday, September 17, 2015*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrmann Blvd.

Lab Project ID: 153797

Matrix: Wastewater

Chlorinated Pesticides

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Heptachlor (1)	0.500	ug/L	0.199	39.8	34 - 111		9/16/2015
Heptachlor Epoxide (1)	0.500	ug/L	0.305	60.9	37 - 142		9/16/2015
Methoxychlor (1)	0.500	ug/L	0.423	84.6	-		9/16/2015
trans-Chlordane (1)	0.500	ug/L	0.295	59.0	45 - 119		9/16/2015

Method Reference(s): EPA 608
Preparation Date: 9/11/2015
Data File: PST11921.D
QC Number: 1
QC Batch ID: QC150911PESTW

Report Prepared *Thursday, September 17, 2015*

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.
"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, tern 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.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	AMD Environmental Consultants	CLIENT:	Same	153797
ADDRESS:	4248 Ridge Lea Road, Suite 16	ADDRESS:		Quotation #:
CITY:	Amherst STATE: NY ZIP: 14150	CITY:	STATE: ZIP:	
PHONE:	716-201-2772	PHONE:		Email:
ATTN:	Anthony Demiglio	ATTN:		

PROJECT REFERENCE

975 Fuhrman Blvd.
per Sub COC
GP 9/10/15

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	EPA 624	EPA 625 /pH	Pesticide/PCB	PPL Metals	T.Cn	1664 T.Ext.Hex	TSS/ Total Solids/ TDS	T. Phenol	BOD	T. Phosphate	REMARKS	PARADIGM LAB SAMPLE NUMBER
9/9/15	12:00		X	E Incinerator Basement	WW	12	X	X	X	X	X	X	X	X	X	X	Asbestos?	01
9/9/15	12:30		X	W Main Basement	WW	12	X	X	X	X	X	X	X	X	X	X		02

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	per JH X				
Other please indicate:	GP 9/10/15	Other please indicate:		Other EDD please indicate:	

Sampled By: Anthony DeMiglio	Date/Time: 9/9/15	Total Cost:
Relinquished By:	Date/Time: 9/9/15	
Received By:	Date/Time: 9/10/15	P.I.F.
Received @ Lab By:	Date/Time: 9/10/15 15:04	

11°C iced 9/10/15 11:13

See additional page for sample conditions.

Chain of Custody Supplement

Client: AMD Environmental **Completed by:** Glenn Pezzulo

Lab Project ID: 153797 **Date:** 9/10/15

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 VOA		X
Comments			
Preservation	X VOA Metals TCN		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X 608 Pest 625 SVOA		X
Comments	624 VOA: neg		
Holding Time	X	X pH	
Comments			
Temperature		X	X Metals
Comments	11°C iced		
Sufficient Sample Quantity	X		
Comments	T. Phenol, 1664 TPH, TSS, TDS, T. Solids, BOD, T. Phos Sent directly to Sub lab		

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

94929

CHAIN OF CUSTODY

ENVIROTEST: ELAP ID: 10142

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman
AMD 975 Fuhrmann Blvd		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due:	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	T. Phenol	1664 T. Ext. Hydro	TSS/TDS/T. Solids	BOD	T. Phosphate						REMARKS	PARADIGM LAB SAMPLE NUMBER				
9/9/2015	12:00		X	East Incinerater Basement	WW	5	X	X	X	X	X											
9/9/2015	12:30		X	West Main Basement	WW	5	X	X	X	X	X											

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 12.7	Y ☐	N ☐
Comments:		

Client

Sampled By: [signature] Date/Time: 9/9/15

Relinquished By: [signature] Date/Time: 9/9/15

Received By: [signature] Date/Time: 9/10/15 10.25A

Received @ Lab By: ups 1ZE112121398373890 Date/Time:

Total Cost:

P.I.F.

PARADIGM

Analytical Report For

AMD Environmental Consultants

For Lab Project ID

154665

Referencing

975 Fuhrman

Prepared

Wednesday, November 11, 2015

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

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: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-2
Lab Sample ID: 154665-01 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 344	ug/Kg		11/9/2015 20:19
Acenaphthylene	< 344	ug/Kg		11/9/2015 20:19
Anthracene	< 344	ug/Kg		11/9/2015 20:19
Benzo (a) anthracene	< 344	ug/Kg		11/9/2015 20:19
Benzo (a) pyrene	< 344	ug/Kg		11/9/2015 20:19
Benzo (b) fluoranthene	< 344	ug/Kg		11/9/2015 20:19
Benzo (g,h,i) perylene	< 344	ug/Kg		11/9/2015 20:19
Benzo (k) fluoranthene	< 344	ug/Kg		11/9/2015 20:19
Chrysene	< 344	ug/Kg		11/9/2015 20:19
Dibenz (a,h) anthracene	< 344	ug/Kg		11/9/2015 20:19
Fluoranthene	**560**	ug/Kg		11/9/2015 20:19
Fluorene	< 344	ug/Kg		11/9/2015 20:19
Indeno (1,2,3-cd) pyrene	< 344	ug/Kg		11/9/2015 20:19
Naphthalene	< 344	ug/Kg		11/9/2015 20:19
Phenanthrene	**471**	ug/Kg		11/9/2015 20:19
Pyrene	**464**	ug/Kg		11/9/2015 20:19

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**47.2**	33.8 - 96.3		11/9/2015 20:19
Nitrobenzene-d5	**42.7**	32.5 - 99.4		11/9/2015 20:19
Terphenyl-d14	**84.3**	60.5 - 111		11/9/2015 20:19

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08535.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-3
Lab Sample ID: 154665-02 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 354	ug/Kg		11/10/2015 22:01
Acenaphthylene	< 354	ug/Kg		11/10/2015 22:01
Anthracene	< 354	ug/Kg		11/10/2015 22:01
Benzo (a) anthracene	**719**	ug/Kg		11/10/2015 22:01
Benzo (a) pyrene	**626**	ug/Kg		11/10/2015 22:01
Benzo (b) fluoranthene	**604**	ug/Kg		11/10/2015 22:01
Benzo (g,h,i) perylene	**382**	ug/Kg		11/10/2015 22:01
Benzo (k) fluoranthene	**491**	ug/Kg		11/10/2015 22:01
Chrysene	**774**	ug/Kg		11/10/2015 22:01
Dibenz (a,h) anthracene	< 354	ug/Kg		11/10/2015 22:01
Fluoranthene	**1500**	ug/Kg		11/10/2015 22:01
Fluorene	< 354	ug/Kg		11/10/2015 22:01
Indeno (1,2,3-cd) pyrene	**486**	ug/Kg		11/10/2015 22:01
Naphthalene	< 354	ug/Kg		11/10/2015 22:01
Phenanthrene	**1130**	ug/Kg		11/10/2015 22:01
Pyrene	**1360**	ug/Kg		11/10/2015 22:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**56.0**	33.8 - 96.3		11/10/2015 22:01
Nitrobenzene-d5	**41.3**	32.5 - 99.4		11/10/2015 22:01
Terphenyl-d14	**85.2**	60.5 - 111		11/10/2015 22:01

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08579.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-4
Lab Sample ID: 154665-03 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 338	ug/Kg		11/9/2015 22:10
Acenaphthylene	< 338	ug/Kg		11/9/2015 22:10
Anthracene	< 338	ug/Kg		11/9/2015 22:10
Benzo (a) anthracene	**455**	ug/Kg		11/9/2015 22:10
Benzo (a) pyrene	**408**	ug/Kg		11/9/2015 22:10
Benzo (b) fluoranthene	**432**	ug/Kg		11/9/2015 22:10
Benzo (g,h,i) perylene	< 338	ug/Kg		11/9/2015 22:10
Benzo (k) fluoranthene	< 338	ug/Kg		11/9/2015 22:10
Chrysene	**489**	ug/Kg		11/9/2015 22:10
Dibenz (a,h) anthracene	< 338	ug/Kg		11/9/2015 22:10
Fluoranthene	**757**	ug/Kg		11/9/2015 22:10
Fluorene	< 338	ug/Kg		11/9/2015 22:10
Indeno (1,2,3-cd) pyrene	< 338	ug/Kg		11/9/2015 22:10
Naphthalene	< 338	ug/Kg		11/9/2015 22:10
Phenanthrene	**573**	ug/Kg		11/9/2015 22:10
Pyrene	**637**	ug/Kg		11/9/2015 22:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**60.9**	33.8 - 96.3		11/9/2015 22:10
Nitrobenzene-d5	**48.6**	32.5 - 99.4		11/9/2015 22:10
Terphenyl-d14	**86.3**	60.5 - 111		11/9/2015 22:10

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08539.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-6
Lab Sample ID: 154665-04 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Mercury

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.0120	mg/Kg	M	11/10/2015 12:50

Method Reference(s): EPA 7471B
Preparation Date: 11/9/2015
Data File: Hg151110B

RCRA Metals (ICP)

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	**8.11**	mg/Kg	M	11/11/2015 12:29
Barium	**291**	mg/Kg		11/11/2015 10:03
Cadmium	< 1.18	mg/Kg	M	11/11/2015 10:03
Chromium	< 2.36	mg/Kg	M	11/11/2015 10:03
Lead	< 2.36	mg/Kg	M	11/11/2015 10:03
Selenium	**6.39**	mg/Kg	M	11/11/2015 10:03
Silver	< 2.36	mg/Kg	M	11/11/2015 10:03

Method Reference(s): EPA 6010C
EPA 3050
Preparation Date: 11/9/2015
Data File: 111115a

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 488	ug/Kg		11/9/2015 22:37
Acenaphthylene	< 488	ug/Kg		11/9/2015 22:37
Anthracene	< 488	ug/Kg		11/9/2015 22:37
Benzo (a) anthracene	< 488	ug/Kg		11/9/2015 22:37
Benzo (a) pyrene	< 488	ug/Kg		11/9/2015 22:37
Benzo (b) fluoranthene	< 488	ug/Kg		11/9/2015 22:37
Benzo (g,h,i) perylene	< 488	ug/Kg		11/9/2015 22:37
Benzo (k) fluoranthene	< 488	ug/Kg		11/9/2015 22:37
Chrysene	< 488	ug/Kg		11/9/2015 22:37
Dibenz (a,h) anthracene	< 488	ug/Kg		11/9/2015 22:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-6
Lab Sample ID: 154665-04 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Fluoranthene	< 488	ug/Kg	11/9/2015	22:37
Fluorene	< 488	ug/Kg	11/9/2015	22:37
Indeno (1,2,3-cd) pyrene	< 488	ug/Kg	11/9/2015	22:37
Naphthalene	< 488	ug/Kg	11/9/2015	22:37
Phenanthrene	< 488	ug/Kg	11/9/2015	22:37
Pyrene	< 488	ug/Kg	11/9/2015	22:37

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2-Fluorobiphenyl	**46.5**	33.8 - 96.3		11/9/2015	22:37
Nitrobenzene-d5	**45.4**	32.5 - 99.4		11/9/2015	22:37
Terphenyl-d14	**87.2**	60.5 - 111		11/9/2015	22:37

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08540.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-7
Lab Sample ID: 154665-05 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 343	ug/Kg		11/9/2015 23:05
Acenaphthylene	< 343	ug/Kg		11/9/2015 23:05
Anthracene	< 343	ug/Kg		11/9/2015 23:05
Benzo (a) anthracene	< 343	ug/Kg		11/9/2015 23:05
Benzo (a) pyrene	< 343	ug/Kg		11/9/2015 23:05
Benzo (b) fluoranthene	< 343	ug/Kg		11/9/2015 23:05
Benzo (g,h,i) perylene	< 343	ug/Kg		11/9/2015 23:05
Benzo (k) fluoranthene	< 343	ug/Kg		11/9/2015 23:05
Chrysene	< 343	ug/Kg		11/9/2015 23:05
Dibenz (a,h) anthracene	< 343	ug/Kg		11/9/2015 23:05
Fluoranthene	< 343	ug/Kg		11/9/2015 23:05
Fluorene	< 343	ug/Kg		11/9/2015 23:05
Indeno (1,2,3-cd) pyrene	< 343	ug/Kg		11/9/2015 23:05
Naphthalene	< 343	ug/Kg		11/9/2015 23:05
Phenanthrene	< 343	ug/Kg		11/9/2015 23:05
Pyrene	< 343	ug/Kg		11/9/2015 23:05

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**56.5**	33.8 - 96.3		11/9/2015 23:05
Nitrobenzene-d5	**51.9**	32.5 - 99.4		11/9/2015 23:05
Terphenyl-d14	**85.6**	60.5 - 111		11/9/2015 23:05

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08541.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-10
Lab Sample ID: 154665-06 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 329	ug/Kg		11/9/2015 23:33
Acenaphthylene	< 329	ug/Kg		11/9/2015 23:33
Anthracene	< 329	ug/Kg		11/9/2015 23:33
Benzo (a) anthracene	< 329	ug/Kg		11/9/2015 23:33
Benzo (a) pyrene	< 329	ug/Kg		11/9/2015 23:33
Benzo (b) fluoranthene	< 329	ug/Kg		11/9/2015 23:33
Benzo (g,h,i) perylene	< 329	ug/Kg		11/9/2015 23:33
Benzo (k) fluoranthene	< 329	ug/Kg		11/9/2015 23:33
Chrysene	< 329	ug/Kg		11/9/2015 23:33
Dibenz (a,h) anthracene	< 329	ug/Kg		11/9/2015 23:33
Fluoranthene	< 329	ug/Kg		11/9/2015 23:33
Fluorene	< 329	ug/Kg		11/9/2015 23:33
Indeno (1,2,3-cd) pyrene	< 329	ug/Kg		11/9/2015 23:33
Naphthalene	< 329	ug/Kg		11/9/2015 23:33
Phenanthrene	< 329	ug/Kg		11/9/2015 23:33
Pyrene	< 329	ug/Kg		11/9/2015 23:33

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**67.5**	33.8 - 96.3		11/9/2015 23:33
Nitrobenzene-d5	**55.0**	32.5 - 99.4		11/9/2015 23:33
Terphenyl-d14	**88.9**	60.5 - 111		11/9/2015 23:33

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08542.D

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-11
Lab Sample ID: 154665-07 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 346	ug/Kg		11/10/2015 00:01
Acenaphthylene	< 346	ug/Kg		11/10/2015 00:01
Anthracene	< 346	ug/Kg		11/10/2015 00:01
Benzo (a) anthracene	< 346	ug/Kg		11/10/2015 00:01
Benzo (a) pyrene	< 346	ug/Kg		11/10/2015 00:01
Benzo (b) fluoranthene	< 346	ug/Kg		11/10/2015 00:01
Benzo (g,h,i) perylene	< 346	ug/Kg		11/10/2015 00:01
Benzo (k) fluoranthene	< 346	ug/Kg		11/10/2015 00:01
Chrysene	< 346	ug/Kg		11/10/2015 00:01
Dibenz (a,h) anthracene	< 346	ug/Kg		11/10/2015 00:01
Fluoranthene	< 346	ug/Kg		11/10/2015 00:01
Fluorene	< 346	ug/Kg		11/10/2015 00:01
Indeno (1,2,3-cd) pyrene	< 346	ug/Kg		11/10/2015 00:01
Naphthalene	< 346	ug/Kg		11/10/2015 00:01
Phenanthrene	< 346	ug/Kg		11/10/2015 00:01
Pyrene	< 346	ug/Kg		11/10/2015 00:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**60.4**	33.8 - 96.3		11/10/2015 00:01
Nitrobenzene-d5	**57.3**	32.5 - 99.4		11/10/2015 00:01
Terphenyl-d14	**92.5**	60.5 - 111		11/10/2015 00:01

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08543.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-12
Lab Sample ID: 154665-08 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 341	ug/Kg		11/10/2015 00:29
Acenaphthylene	< 341	ug/Kg		11/10/2015 00:29
Anthracene	< 341	ug/Kg		11/10/2015 00:29
Benzo (a) anthracene	< 341	ug/Kg		11/10/2015 00:29
Benzo (a) pyrene	< 341	ug/Kg		11/10/2015 00:29
Benzo (b) fluoranthene	< 341	ug/Kg		11/10/2015 00:29
Benzo (g,h,i) perylene	< 341	ug/Kg		11/10/2015 00:29
Benzo (k) fluoranthene	< 341	ug/Kg		11/10/2015 00:29
Chrysene	< 341	ug/Kg		11/10/2015 00:29
Dibenz (a,h) anthracene	< 341	ug/Kg		11/10/2015 00:29
Fluoranthene	< 341	ug/Kg		11/10/2015 00:29
Fluorene	< 341	ug/Kg		11/10/2015 00:29
Indeno (1,2,3-cd) pyrene	< 341	ug/Kg		11/10/2015 00:29
Naphthalene	< 341	ug/Kg		11/10/2015 00:29
Phenanthrene	< 341	ug/Kg		11/10/2015 00:29
Pyrene	< 341	ug/Kg		11/10/2015 00:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**52.0**	33.8 - 96.3		11/10/2015 00:29
Nitrobenzene-d5	**47.0**	32.5 - 99.4		11/10/2015 00:29
Terphenyl-d14	**90.5**	60.5 - 111		11/10/2015 00:29

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08544.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-14
Lab Sample ID: 154665-09 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 356	ug/Kg		11/10/2015 23:25
Acenaphthylene	< 356	ug/Kg		11/10/2015 23:25
Anthracene	**610**	ug/Kg		11/10/2015 23:25
Benzo (a) anthracene	**991**	ug/Kg		11/10/2015 23:25
Benzo (a) pyrene	**784**	ug/Kg		11/10/2015 23:25
Benzo (b) fluoranthene	**909**	ug/Kg		11/10/2015 23:25
Benzo (g,h,i) perylene	**483**	ug/Kg		11/10/2015 23:25
Benzo (k) fluoranthene	**543**	ug/Kg		11/10/2015 23:25
Chrysene	**1040**	ug/Kg		11/10/2015 23:25
Dibenz (a,h) anthracene	< 356	ug/Kg		11/10/2015 23:25
Fluoranthene	**2200**	ug/Kg		11/10/2015 23:25
Fluorene	**389**	ug/Kg		11/10/2015 23:25
Indeno (1,2,3-cd) pyrene	**627**	ug/Kg		11/10/2015 23:25
Naphthalene	< 356	ug/Kg		11/10/2015 23:25
Phenanthrene	**2420**	ug/Kg		11/10/2015 23:25
Pyrene	**1720**	ug/Kg		11/10/2015 23:25

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**50.9**	33.8 - 96.3		11/10/2015 23:25
Nitrobenzene-d5	**42.2**	32.5 - 99.4		11/10/2015 23:25
Terphenyl-d14	**84.2**	60.5 - 111		11/10/2015 23:25

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08582.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 154665

Client: **AMD Environmental Consultants**

Project Reference: 975 Fuhrman

Sample Identifier: D-15
Lab Sample ID: 154665-10 **Date Sampled:** 11/2/2015
Matrix: Soil **Date Received:** 11/4/2015

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 375	ug/Kg		11/10/2015 01:24
Acenaphthylene	< 375	ug/Kg		11/10/2015 01:24
Anthracene	< 375	ug/Kg		11/10/2015 01:24
Benzo (a) anthracene	< 375	ug/Kg		11/10/2015 01:24
Benzo (a) pyrene	< 375	ug/Kg		11/10/2015 01:24
Benzo (b) fluoranthene	< 375	ug/Kg		11/10/2015 01:24
Benzo (g,h,i) perylene	< 375	ug/Kg		11/10/2015 01:24
Benzo (k) fluoranthene	< 375	ug/Kg		11/10/2015 01:24
Chrysene	< 375	ug/Kg		11/10/2015 01:24
Dibenz (a,h) anthracene	< 375	ug/Kg		11/10/2015 01:24
Fluoranthene	**573**	ug/Kg		11/10/2015 01:24
Fluorene	< 375	ug/Kg		11/10/2015 01:24
Indeno (1,2,3-cd) pyrene	< 375	ug/Kg		11/10/2015 01:24
Naphthalene	< 375	ug/Kg		11/10/2015 01:24
Phenanthrene	**439**	ug/Kg		11/10/2015 01:24
Pyrene	**468**	ug/Kg		11/10/2015 01:24

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	**58.7**	33.8 - 96.3		11/10/2015 01:24
Nitrobenzene-d5	**52.4**	32.5 - 99.4		11/10/2015 01:24
Terphenyl-d14	**83.9**	60.5 - 111		11/10/2015 01:24

Method Reference(s): EPA 8270D
EPA 3550C
Preparation Date: 11/9/2015
Data File: B08546.D

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.
"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, tern 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.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	A M D Env.	CLIENT:	A M D	154665
ADDRESS:		ADDRESS:		Quotation #:
CITY: Amherst STATE: NY ZIP:		CITY: STATE: ZIP:		Email:
PHONE:		PHONE:		
ATTN:	Anthony Demaglio	ATTN:	Anthony Demaglio	

PROJECT REFERENCE

975 Fillmore

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	SVOCs-Short	metals - RCRA	per AD	6P 11/4/15	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	11-2	9:30	✓		D-2	SO	1	✓					01
2		9:45	✓		D-3	SO	1	✓					02
3		9:00	✓		D-4	SO	1	✓					03
4		9:15	✓		D-6	SO	1	✓	✓				04
5		10:00	✓		D-7	SO	1	✓					05
6		1:30	✓		D-10	SO	1	✓					06
7		3:45	✓		D-11	SO	1	✓					07
8		2:10	✓		D-12	SO	1	✓					08
9		2:30	✓		D-14	SO	1	✓					09
10	11-2	2:40	✓		D-15	SO	1	✓					10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☒	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: [signature] Date/Time: 11/2

Relinquished By: [signature] Date/Time: 11-2-15 1550

Received By: [signature] Date/Time: 11-3-15 12pm

Received @ Lab By: [signature] Date/Time: 11/4/15 14:32

Total Cost:

P.I.F.

7°C iced 11/4/15 11:33

Chain of Custody Supplement

Client: AMD Environmental **Completed by:** Glenn Pezzulo

Lab Project ID: 154665 **Date:** 11/4/15

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	7°C iced		
Sufficient Sample Quantity	X		
Comments			