ERG Environmental Resources Group
28003 Center Oaks Court • Suite 106 • Wixom, MI • 48393
Phone: 248-773-7986 • Fax: 248-924-3108

January 14, 2015

Mr. Jim Innes
Michigan Department of Environmental Quality, RRD
Constitution Hall
525 West Allegan Street
Lansing, Michigan 48909

RE: Soil Direct Contact Exceedance Delineation Report
Burton, Michigan

Dear Mr. Innes:

Environmental Resources Group, LLC (ERG) on behalf of RACER Trust has prepared the enclosed Soil Direct Contact Exceedance Delineation Report for the above referenced site. If you have any questions or require additional information please contact me at 248.773.7986.

Thank you,

Environmental Resources Group, LLC

Susan Graves
Senior Project Manager

CC: Dave Favero, Racer Trust
Enc

Environmental Resources Group

Assessment • Remediation • Compliance • Risk Management

SOIL DIRECT CONTACT EXCEEDANCE DELINEATION REPORT

RACER TRUST
DAVISON ROAD INDUSTRIAL LAND (12920)
DAVISON AND DONEGAL ROAD
FACILITY ID 25000447
BURTON, MICHIGAN

PREPARED FOR:

RACER TRUST

500 WOODWARD AVENUE, SUITE 2650
DETROIT, MICHIGAN 48226

PREPARED BY:

ENVIRONMENTAL RESOURCES GROUP, LLC
28003 CENTER OAKS COURT, SUITE 106
WIXOM, MI 48393
248-773-7986
ERG PROJECT NO.: 1119.001
JANUARY 14, 2016

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APPENDICES

1.0 INTRODUCTION, PURPOSE AND BACKGROUND

1.1 INTRODUCTION

Environmental Resources Group, LLC (ERG) has prepared the following report to summarize the activities associated with the Soil Direct Contact (DC) Exceedance Delineation conducted in August 2015, at the RACER Trust-Davison Road Industrial Land Site, located at Davison Road and Donegal Road in Burton, Michigan (Site) - please refer to Figure 1 for the Site Location Map). The purpose of the soil DC delineation was to verify the absence and/or delineate the presence of contamination in two areas where previous soil samples contained concentrations of polynuclear aromatic hydrocarbons (PNAs) above the MDEQ Part 201 Non-Residential Direct Contact Protection Criteria (DCC).

1.2 BACKGROUND

In 2004, numerous soil borings were installed throughout the Site in order to characterize fill material and determine if impacted soils existed. Analytical results from two samples indicated the presence of benzo(a)pyrene above the DCC. The samples were collected from MW4-04-SO2 - 6-8 ft. below ground surface (bgs), located on the northeastern portion of the Site, and FA-17 - 0-1 ft bgs located on the southern portion of the Site. Refer to Figure 2 for the Direct Contact Location Map.

1.2.1 MW4-04-SO2 LOCATION

In 2004, numerous soil borings were in advanced in the northeast portion of the Site. A soil sample collected from soil boring MW4-04-SO2 contained concentrations of benzo(a)pyrene above the DCC. Review of the historical figures and analytical data indicated that the horizontal extent of the PNA impact was delineated below the DCC; however, the nearest boring was located approximately 25 to 30 ft. from the MW-4-04-SO2 boring location. Additionally, the vertical extent of PNAs were not delineated below the DCC as the 6-8 ft bgs sample interval was the only sample submitted for analysis.

1.2.2 FA-17 LOCATION

Soil sample collected from FA-17 - 0-1 ft. bgs, collected in 2004 contained concentrations of benzo(a)pyrene above the DCC. No additional soil samples were collected or analyzed from the FA-17 boring location and the vertical and horizontal extent of PNA impact was not delineated.

2.0 METHODOLOGY

2.1 SOIL BORING INSTALLATION

To address the above issues, 26 soil borings were installed in and around the MW4-04-SO2 and FA-17 locations. ERG utilized survey data from 2004 and 2012 to determine the exact location of soil borings MW-04-04-SO2 and FA-17. The 2004 boring locations and a series of step out borings emanating in a north, south, east and west direction; at distances of 10 ft., 15 ft. and 20 ft. from the original boring locations were surveyed and staked. A geoprobe was used to collect continuous soil samples from each of the new boring locations. Select soil samples were submitted for laboratory analysis of PNAs. Refer to Figures 3 and 4 for the boring locations.

An ERG geologist was on-Site to observe the soil boring installation, collect soil samples, and to document soil conditions. ERG utilized a Geoprobe® direct-push drilling rig to collect samples. The soil borings were described in accordance with the Unified Soil Classification System including color, grain size, predominant soil type, odor, moisture, and visual contaminant impact. A photoionization detector (PID) was used to monitor the total volatile organic vapor content in the soil. Soil description, PID readings, and other pertinent observations including any visual evidence of contamination (e.g., staining, odor, sheen, etc.) were recorded in a field logbook. Soil boring logs are included as Appendix A.

All drilling and sampling equipment was decontaminated prior to drilling each boring with a solution of non-phosphate soap and control water followed by a control water rinse.

2.2 SOIL SAMPLE COLLECTION

Continuous soil samples were collected in two ft. intervals to a maximum boring depth of 20 ft. bgs. A total of 208 samples were collected from the two areas of concern identified. The purpose of collecting numerous samples was to avoid multiple mobilizations. Select samples were expeditiously analyzed in order to systemically delineate the vertical and horizontal extent of impact, while the remaining samples were placed on hold. All samples were submitted to Merit Laboratories under proper chain of custody procedures and were either analyzed for PNAs utilizing USEPA methodology or placed on hold pending the results from the analyzed samples.

3.0 RESULTS

Soils encountered during drilling consisted of fill, including sand and clay and varying amounts of foundry sand, slag, and other debris to a depth four to six ft. bgs. Soils beneath the fill consisted of interbedded silt, sand, and clay to a depth of 20 ft. bgs, the maximum depth explored. Groundwater was encountered at approximately 12 to 14 ft. bgs. Soil boring logs are included as Appendix A.

Based on the potential future use and planned land use restrictions, the soil analytical results were compared to the MDEQ Part 201 Non-Residential Cleanup Criteria. Refer to Table 1 for the Soil Analytical Results and Appendix B for the Laboratory Report

3.1 MW4-04-SO2 (DC-4 SO2) LOCATION

The initial round of samples analyzed included soil collected from MW4-04-SO2 (DC-4-SO2) from the 0-2', 2-4', 4-6' and 6-8' sample intervals and the four step out borings positioned 10 ft. north, south, east and west of the DC-4-SO2 location. PNAs were not detected above the laboratory detection limit and/or above the DCC in samples DC-4 SO2, DC-3-10 ft. (north), DC-8-10 ft. (east) or DC-11-10 ft. (west) from the 0-2', 2-4', 2-6', 6-8', and 8-10' sample intervals. Additionally, PNAs were not detected above the laboratory detection limit and/or above the DCC from samples collected from step out boring DC-5-10 ft. (south) from the 0-2', 2-4', 4-6' and 8-10' sample intervals. However, benzo(a)pyrene and benzo(a)fluoranthene were detected above the DCC in the 6-8' sample interval.

Due to the benzo(a)pyrene and benzo(a)fluoranthene DCC exceedance in sample DC-5-10' (6-8'), ERG requested that samples collected from the step out location DC-6-15 ft. (positioned 15 ft. south of the DC-4-SO2 location) be analyzed. Analytical results did not identify PNAs above the laboratory detection limit in soil samples analyzed from DC-6-15' at the 0-2', 2-4', 4-6', 6-8' and 8-10' sample intervals.

3.2 FA-17 (DC-17) LOCATION

Samples analyzed included soil collected from FA-17 (DC-17) from the 0-2' and 2-4' sample intervals and the four step out borings positioned 10 ft. north, south, east and west of the DC-17 location from sample intervals 0-2', 2-4' and 4-6'. PNAs were not detected above the DCC in sample DC-17 from the 0-2' or 2-4' sample intervals or from the four step out borings including DC-16-10 ft. (north), DC-18-10 ft., (south), DC-21-10 ft. (east) or DC-24-10 ft. (west) from the 0-2', 2-4', 2-6' or 6-8' sample intervals.

4.0 SUMMARY AND CONCLUSIONS

In August 2015, ERG conducted soil DCC exceedance delineation activities to verify the absence and/or delineate the presence of PNAs above the DCC in two areas of concern where historical soil samples contained concentrations of PNAs above the DCC.

Twenty-six soil borings were installed in and around borings MW-4-04-SO2 and FA-17 that were installed in 2004 as part of a prior subsurface investigation. The newly installed soil borings included a series of step out locations emanating in a north, south, east and west direction, at distances of 10 ft., 15 ft. and 20 ft. from the original boring locations.

Analytical results did not identify PNAs above the DCC in any of the soil samples submitted in the area of the FA-17 (DC-17) boring located on the southern portion of the Site and therefore no further action is necessary in relation to this location with the exception of the planned Declaration of Restrictive Covenant (DRC) Site

Analytical results identified one sample (DC-5-10' [6-8']) located south of the original MW-4-04-SO2 boring location contained PNAs above the DCC. Analysis of soils from the DC-5-10 ft. location collected from the 0-2', 2-4', 4-6' and 8-10' sample intervals did not contain PNAs above the DCC. Furthermore, analysis of samples collected from step out boring DC-6-15 ft. located 15 ft. south of MW-4 –04-SO2 did not identify concentration of PNAs above the DCC from the 0-2', 2-4', 4-6', 6-8' or 8-10' sample intervals.

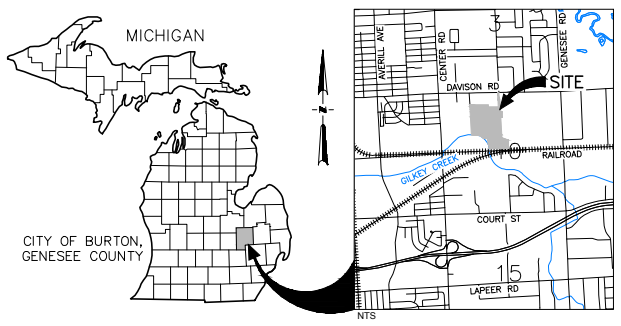
The extent of PNA impact exceeding the DCC has been delineated to an approximate 10 ft x 10 ft x 2 ft volume. To address the exceedance above the DCC, excavation and disposal of approximately 60 tons of soil would be required. It is expected that upon removal of the impacted soils and verification sample analysis is below the DCC, no further action will be necessary in this area with the exception of the planned DRC.

The DRC will be filed with the Genesee County Register of Deeds. The DRC to be implemented will at a minimum, prohibit the potable use of groundwater, prohibit uses of the property that are inconsistent with the assumptions used to develop the Part 201 generic nonresidential cleanup criteria, and require management of soil in accordance with applicable requirements.

Figures

SITE

LOCATON MAP



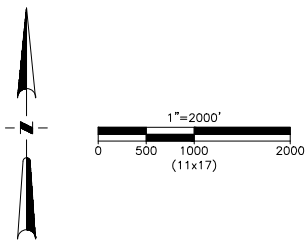


FIGURE 1	DRWG. by : MA CHECK : DATE : 12/30/2015 DWG: Fig 1 SHEET : 1 of 4	CONT. INT.: N/A FIELD : MD/SM/LB V. SCALE : N/A SCALE: 1"=200' JOB# :12-068	Revised Per Comments	1/11/16	**SITE LOCATION MAP** RACER TRUST DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN	PREPARED BY: MEGA Engineering Group Associates, Inc. Monument

ERG Environmental Resources Group
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NORTH LINE OF SECTION 10 &
℄ DAVISON ROAD

N 1/4 COR.
SEC. 10
T7N-R7E
H-3

SB/MW-1-12

SB/MW-2-12

SB/MW-04

SEE DETAIL
(SHEET 2)

MW-4-04-S02

SB/MW-1

SB-15-12

NORTH & SOUTH 1/4 LINE OF SECTION 10

SB-16-12

SB-18-12

SB-19-12

SB-17-12

SB/MW-5-12

SB-20-12

SB/MW-3-12

SB/MW-4-12

SB/MW-16-14

SB/MW-6-12

GILKEY CREEK

SB/MW-8-12

TMW-1

TMW-8

SB/MW-7-12

SB-21-12

GC-2
(MID STREAM)

SB/MW-10-12

SB-22-12

SB-23-12

SB/MW-9-12

SB-28-12

SB/MW-15-14

SB-27-12

SEE DETAIL
(SHEET 3)

SB-24-12

SB-26-12

FA-17

TMW-6

SB/MW-2

SB/MW-14-12

SB-25-12

SB/MW-12-12

SB/MW-13-12

SB/MW-11-12

D-1
(WEST)

GC-1
(UP STREAM)

DRAINAGE DITCH (SEASONAL)

D-2 (MID)

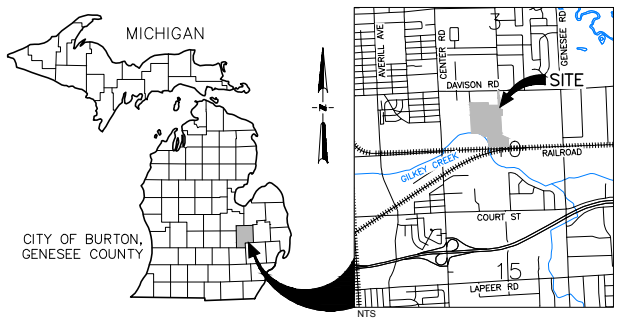
D-3
(EAST)

CN RAILROAD

CENTER
SEC. 10
T7N-R7E
H-4
(CALC.)

EAST & WEST 1/4 LINE OF SECTION 10

LOCATON MAP



LEGEND

- MONITORING WELL
- SOIL BORING
- SOIL BORING INSTALLED IN 2004 POLYNUCLEAR AROMATIC HYDROCARBONS (PNAS) CONCENTRATIONS ABOVE THE PART 201 NON RESIDENTIAL DIRECT CONTACT CLEANUP CRITERIA
- SOIL BORING LOCATIONS

1"=200'
0 50 100 200
(11x17)

FIGURE 2	DRWG. by :MA,DC CHECK : DATE : 12/30/2015 DWG: Fig 2-4 SHEET : 2 of 4	CONT. INT.: N/A FIELD : MD/SM/LB V. SCALE : N/A SCALE: 1"=200' JOB# :12-068	Revised Per Comments	1/11/16	**DIRECT CONTACT LOCATION MAP** RACER TRUST DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN

PREPARED BY: Monument Engineering Group Associates, Inc. (MEGA)

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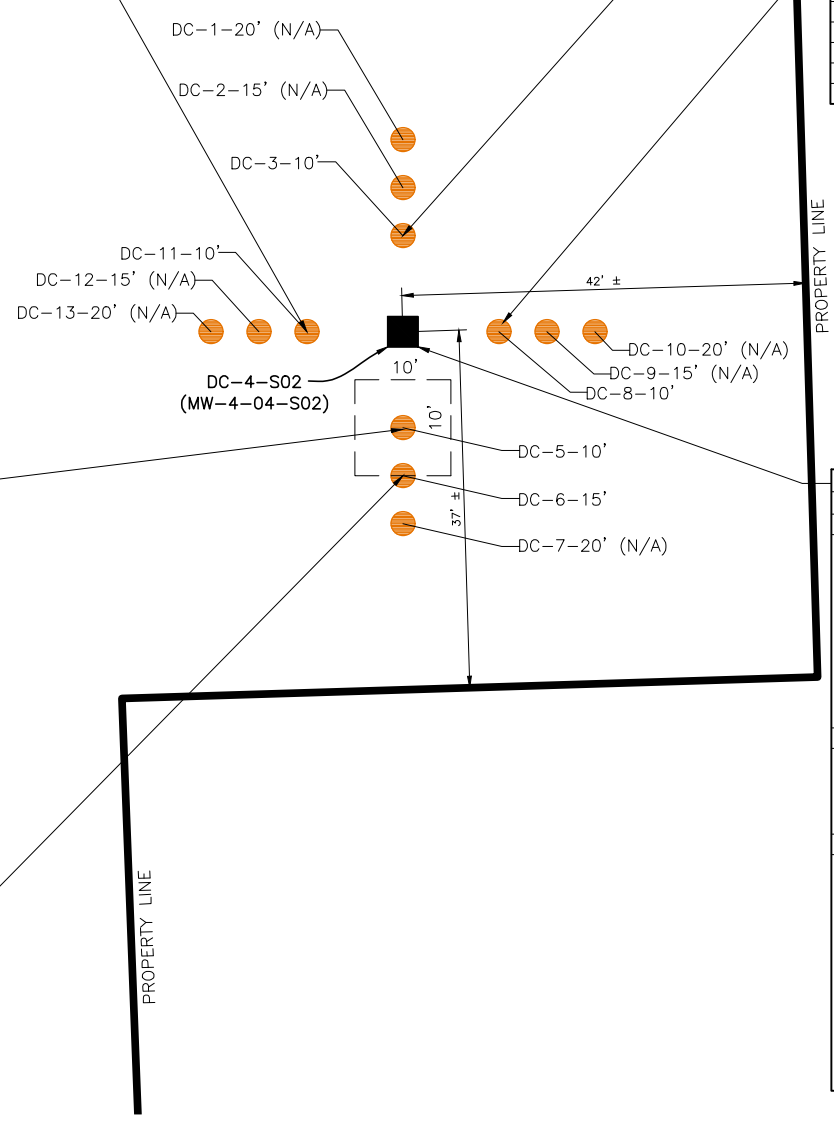
DC-4-SO2 (MW-4-04-S02)

(DETAIL)

DC–11–10'		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	BDL	–
2'–4'	B(a)f	500
	B(k)f	600
4'–6'	BDL	–
6'–8'	BDL	–

DC–3–10'		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(a)a	500
	B(b)p	500
	B(b)f	1200
	B(k)f	1200
	Chry	600
	Fluanth	1200
	Phen	800
	Pyr	1000
2'–4'	B(a)a	300
	B(a)p	400
	B(b)f	800
	B(k)f	800
	Chry	400
	Fluanth	700
	Phen	400
	Pyr	600
4'–6'	Anth	700
	B(a)a	1100
	B(b)p	900
	B(b)f	1800
	B(k)f	1900
	B(ghi)p	300
	Chry	1200
	Fluanth	25000
	Flu	400
	I(123)p	300
	Naph	400
	Phen	2500
	Pyr	2100
6'–8'	BDL	–
8'–10'	BDL	–

DC–8–10'		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	BDL	–
2'–4'	BDL	–
4'–6'	BDL	–
6'–8'	BDL	–
8'–10'	BDL	–



DC–5–10'		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(b)f	400
	B(k)f	400
	Fluanth	400
2'–4'	BDL	–
4'–6'	BDL	–
6'–8'	Acerap	22000
	Anth	36700
	B(a)p	47400
	B(b)f	106200
	B(k)f	112600
	B(ghi)p	9900
	Chry	50100
	Di(ah)a	3300
	Fluanth	143300
	Flu	18500
	I(123)p	11500
	Naph	21800
	Phen	124400
	Pyr	125700
	2–Meth	3300
	1–Meth	1900
	B(a)a	53800
8'–10'	B(b)f	700
	B(k)f	700
	Fluanth	700

DC–4–S02 (MW–4–04–S02)		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(a)a	500
	B(b)p	500
	B(b)f	1000
	B(k)f	1100
	B(ghi)p	300
	Chry	600
	Fluanth	1000
	Phen	600
	Pyr	900
2'–4'	BDL	–
4'–6'	B(b)f	600
	B(k)f	600
	Fluanth	400
	Pyr	400
6'–8'	BDL	–
8'–10'	Anth	700
	B(a)a	1500
	B(b)p	1300
	B(b)f	1400
	B(k)f	1300
	B(ghi)p	600
	Chry	1400
	Fluanth	3900
	I(1,2,3)p	600
	Phen	2200
	Pyr	2300

DC–6–15'		
8/25/2015		
DEPTH	PNA	CONCENTRATION
0–2'	BDL	–
2'–4'	BDL	–
4'–6'	BDL	–
6'–8'	BDL	–
8'–10'	BDL	–

NOTE

ALL CONCENTRATIONS IN PARTS PER BILLION.

PNAs – ONLY PNAs DETECTED ARE LISTED IN THE TABLES.

BDL – ALL PNAs ARE BELOW THE LABORATORY DETECTION LIMIT.

N/A – SAMPLES NOT ANALYZED.

LEGEND

10' × 10' APPROXIMATE AREA OF PNAs IMPACTED SOIL ABOVE THE DC CRITERIA

■ SOIL BORING INSTALLED IN 2004

● SOIL BORING LOCATIONS

DC		
DATE	#	< Criteria
DATE	##	PPB

HIGHLIGHTED DEPICTS PNAs CONCENTRATION ABOVE DC CRITERIA.

1"=10'

0 2.5 5 10

(11x17)

PNA SCHEDULE

SAMPLE DATE		
NAME	ABBREVIATION	DC CRITERIA #
Acenaphthene	Acenap	1.30 e+8
Anthracene	B(k)f	7.3
Benzo(a)anthracene	B(a)a	80,000
Benzo(a)pyrenc	B(a)p	8,000
Benzo(b)fluoranthene	B(b)f	80,000
Benzo(k)fluoranthene	B(k)f	8.0 e+8
Benzo(ghi)perylene	B(ghi)p	7.0 e+6
Chrysene	Chry	8.0 e+6
Dibenzo(ah)anthracene	Di(ah)a	8,000
Fluoranthene	Fluanth	1.30 e+8
Flourene	Fluo	8.70 e+7
Indeno(1,2,3–cd)pyrene	I(1,2,3)p	80,000
Naphthalene	Naph	5.20 e+7
Phenanthrene	Phen	5.20 e+6
Pyrene	Pyr	7.3 e+5
2–Methylnaphthalene	2–Meth	2.6 e+7
1–Methylnaphthalene	1–Meth	NLL

FIGURE **3**

DRWG. by :MA,DC
CHECK :
DATE : 12/30/2015
DWG: Fig 2–4
SHEET : 3 of 4

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE : N/A

SCALE: 1"=10'

JOB# :12–068

Revised Per Comments	1/11/16

DIRECT CONTACT INVESTIGATION DC-4-S02

SOIL ANALYTICAL RESULTS
RACER TRUST
DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN

PREPARED BY: Monument Engineering Group Associates, Inc. (MEGA)

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DC-17 (FA-17)

(DETAIL)

DC–24–10'		
8/26/2015		
DEPTH	PNA	CONCENTRATION
0–2'	1–Meth	500
2'–4'	B(b)f	400
	B(k)f	400
	Fluanth	500
	Pry	400
	2–Meth	400
	1–Meth	600
4'–6'	BDL	–

DC–16–10'		
8/26/2016		
DEPTH	PNA	CONCENTRATION
0–2'	B(a)a	600
	B(a)p	600
	B(b)f	1200
	B(k)f	1300
	Chry	600
	Fluanth	1400
	Phen	1100
	Pyr	900
2'–4'	Fluanth	1000
	Fluo	700
	Naph	800
	Phen	1100
	Pyr	700
	2–Meth	1600
	1–Meth	1500
4'–6'	Fluanth	800
	Naph	700
	Phen	1400
	Pyr	800
	2–Meth	2800
	1–Meth	4300

DC–21–10'		
8/26/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(b)f	700
	B(k)f	800
	Fluanth	500
	1–Meth	400
2'–4'	B(k)f	300
	Fluanth	500
	Phen	600
	Pry	400
	2–Meth	400
	1–Meth	1000
4'–6'	Fluanth	400

DC–14–20' (N/A)

DC–15–15' (N/A)

DC–16–10'

DC–24–10'

DC–25–15' (N/A)

DC–26–20' (N/A)

DC–21–10'

DC–22–15' (N/A)

DC–23–20' (N/A)

163' ±

DC–17
(FA–17)

DC–18–10'

DC–19–15' (N/A)

DC–20–20' (N/A)

DC–17 (FA–17)		
8/26/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(a)a	400
	B(b)p	400
	B(b)f	800
	B(k)f	900
	Chry	400
	Fluanth	900
	Phen	700
	Pyr	600
	1–Meth	300
2'–4'	Phen	500
	2–Meth	700
	1–Meth	1200

DC–18–10'		
8/26/2015		
DEPTH	PNA	CONCENTRATION
0–2'	B(a)p	700
	B(b)f	1100
	B(k)f	1200
	Fluanth	800
	Pyr	700
2'–4'	B(b)f	1400
	B(k)f	1700
	Fluanth	1700
	Pyr	1400
	2–Meth	800
	1–Meth	1200
4'–6'	B(a)a	300
	Chry	300
	Fluanth	600
	Fluo	300
	Naph	400
	Phen	1000
	Pyr	600
	2–Meth	1700
	1–Meth	2300

186' ±

PROPERTY LINE

PROPERTY LINE

NOTE

ALL CONCENTRATIONS IN PARTS PER BILLION.

PNAs – ONLY PNAs DETECTED ARE LISTED IN THE TABLES.

BDL – ALL PNAs ARE BELOW THE LABORATORY DETECTION LIMIT.

N/A – SAMPLES NOT ANALYZED.

LEGEND

10' × 10' — APPROXIMATE AREA OF PNAs IMPACTED SOIL ABOVE THE DC CRITERIA

■ SOIL BORING INSTALLED IN 2004

● SOIL BORING LOCATIONS

DC		
DATE	#	< Criteria
DATE	##	PPB

HIGHLIGHTED DEPICTS PNAs CONCENTRATION ABOVE DC CRITERIA.

1"=10'
0 2.5 5 10
(11x17)

PNA SCHEDULE

SAMPLE DATE		
NAME	ABBREVIATION	DC CRITERIA #
Acenaphthene	Acenap	1.30 e+8
Anthracene	B(k)f	7.3
Benzo(a)anthracene	B(a)a	80,000
Benzo(a)pyrenc	B(a)p	8,000
Benzo(b)fluoranthene	B(b)f	80,000
Benzo(k)fluoranthene	B(k)f	8.0 e+8
Benzo(ghi)perylene	B(ghi)p	7.0 e+6
Chrysene	Chry	8.0 e+6
Dibenzo(ah)anthracene	Di(ah)a	8,000
Fluoranthene	Fluanth	1.30 e+8
Flourene	Fluo	8.70 e+7
Indeno(1,2,3–cd)pyrene	I(1,2,3)p	80,000
Naphthalene	Naph	5.20 e+7
Phenanthrene	Phen	5.20 e+6
Pyrene	Pyr	7.3 e+5
2–Methylnaphthalene	2–Meth	2.6 e+7
1–Methylnaphthalene	1–Meth	NLL

FIGURE **4**

DRWG. by :MA,DC
CHECK :
DATE : 12/30/2015
DWG: Fig 2-4
SHEET : 4 of 4

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE : N/A

SCALE: 1"=10'

JOB# :12–068

Revised Per Comments	1/11/16

DIRECT CONTACT INVESTIGATION DC-17

SOIL ANALYTICAL RESULTS
RACER TRUST
DAVISON ROAD INDUSTRIAL LAND– BURTON, MICHIGAN

PREPARED BY: Monument Engineering Group Associates, Inc. (MEGA)

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Table

Direct Contact Delineation

Soil Analytical Results-PNAs

RACER Trust - Davison Road Industrial Land

Burton, MI

12/15

Sample ID	Chemical Abstract Service Number	Non-Residential Drinking Water Protection Criteria and RBSLs	Non-Residential Groundwater Surface Water Interface Protection Criteria and RBSLs	*Non-Residential Groundwater Contact Protection Criteria and RBSLs*	Non-Residential Direct Contact Criteria and RBSLs	DC-03 10'					DC-04-S02				
Sample Depth						(0-2')	(2-4')	(4-6')	(6-8')	(8-10')	(0-2')	(2-4')	(4-6')	(6-8')	(8-10')
Sample Date						8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015	8/25/2015
PNAs															
Acenaphthene	83-32-9	3.0E+5	8,700	9.7E+5	1.3E+8	<300	<300	<300	<300	<300	<300	<300	<300	<300	<500
Acenaphthylene	208-96-8	5,900	ID	4.4E+5	5.2E+6	<300	<300	<300	<300	<300	<300	<300	<300	<300	<500
Anthracene	120-12-7	41,000	ID	41,000	7.3E+8	<300	<300	700	<300	<300	<300	<300	<300	<300	700
Benzo(a)anthracene (Q)	56-55-3	NLL	NLL	NLL	80,000	500	300	1100	<300	<300	500	<300	<300	<300	1500
Benzo(a)pyrene (Q)	50-32-8	NLL	NLL	NLL	8,000	500	400	900	<300	<300	500	<300	<300	<300	1300
Benzo(b)fluoranthene (Q)	205-99-2	NLL	NLL	NLL	80,000	1200	800	1800	<300	<300	1000	<300	600	<300	1400
Benzo(g,h,i)perylene	191-24-2	NLL	NLL	NLL	7.0E+6	<300	<300	300	<300	<300	300	<300	<300	<300	600
Benzo(k)fluoranthene (Q)	207-08-9	NLL	NLL	NLL	8.0E+5	1200	800	1900	<300	<300	1100	<300	600	<300	1300
Chrysene (Q)	218-01-9	NLL	NLL	NLL	8.0E+6	600	400	1200	<300	<300	600	<300	<300	<300	1400
Dibenzo(a,h)anthracene (Q)	53-70-3	NLL	NLL	NLL	8,000	<300	<300	<300	<300	<300	<300	<300	<300	<300	<500
Fluoranthene	206-44-0	7.3E+5	5,500	7.3E+5	1.3E+8	1200	700	2500	<300	<300	1000	<300	400	<300	3900
Fluorene	86-73-7	3.9E+5	5,300	8.9E+5	8.7E+7	<300	<300	400	<300	<300	<300	<300	<300	<300	<300
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NLL	NLL	NLL	80,000	<300	<300	300	<300	<300	<300	<300	<300	<300	600
2-Methylnaphthalene	91-57-6	57,000	4,200	5.5E+6	2.6E+7	<300	<300	<300	<300	<300	<300	<300	<300	<300	<500
1-Methylnaphthalene	90-12-0	NLL	NLL	NLL	NLL	<300	<300	<300	<300	<300	<300	<300	<300	<300	<500
Naphthalene	91-20-3	35,000	730	2.1E+6	5.2E+7	<300	<300	400	<300	<300	<300	<300	<300	<300	<500
Phenanthrene	85-01-8	56,000	2,100	1.1E+6	5.2E+6	800	400	2500	<300	<300	600	<300	<300	<300	2200
Pyrene	129-00-0	4.8E+5	ID	4.8E+5	8.4E+7	1000	600	2100	<300	<300	900	<300	400	<300	2300

Analytical results compared to the MDEQ Part 201 Non-Residential Cleanup Criteria

Results in parts per billion (ppb)/micrograms per kilograms (ug/kg)

Bold-exceeds the MDEQ Part 201 Non Residential Drinking Water Criteria

Blue-Exceeds Non-Residential GSI Criteria

Italic-Exceeds Groundwater Protection Criteria

Green-Exceeds Non-Residential Direct Contact Criteria

NS - Not Sampled

NA - Not Analyzed or Not Applicable

Note: Includes analytes with concentrations above the Non Residential cleanup criteria only.

]

Direct Contact Delineation

Soil Analytical Results-PNAs

RACER Trust - Davison Road Industrial Land

Burton, MI

12/15

Sample ID	Chemical Abstract Service Number	Non-Residential Drinking Water Protection Criteria and RBSLs	Non-Residential Groundwater Surface Water Interface Protection Criteria and RBSLs	*Non-Residential Groundwater Contact Protection Criteria and RBSLs*	Non-Residential Direct Contact Criteria and RBSLs	DC-05 10'					DC-06 15'				
Sample Depth Sample Date						(0-2') 8/25/2015	(2-4') 8/25/2015	(4-6') 8/25/2015	(6-8') 8/25/2015	(8-10') 8/25/2015	(0-2') 8/25/2015	(2-4') 8/25/2015	(4-6') 8/25/2015	(6-8') 8/25/2015	(8-10') 8/25/2015
PNAs															
Acenaphthene	83-32-9	3.0E+5	8,700	9.7E+5	1.3E+8	<300	<300	<500	22,000	<500	<300	<300	<500	<300	<300
Acenaphthylene	208-96-8	5,900	ID	4.4E+5	5.2E+6	<300	<300	<500	<1000	<500	<300	<300	<500	<300	<300
Anthracene	120-12-7	41,000	ID	41,000	7.3E+8	<300	<300	<500	36,700	<500	<300	<300	<500	<300	<300
Benzo(a)anthracene (Q)	56-55-3	NLL	NLL	NLL	80,000	<300	<300	<500	53,800	<500	<300	<300	<500	<300	<300
Benzo(a)pyrene (Q)	50-32-8	NLL	NLL	NLL	8,000	<300	<300	<500	47,400	<500	<300	<300	<500	<300	<300
Benzo(b)fluoranthene (Q)	205-99-2	NLL	NLL	NLL	80,000	400	<300	<500	106,200	700	<300	<300	<500	<300	<300
Benzo(g,h,i)perylene	191-24-2	NLL	NLL	NLL	7.0E+6	<300	<300	<500	9,900	<500	<300	<300	<500	<300	<300
Benzo(k)fluoranthene (Q)	207-08-9	NLL	NLL	NLL	8.0E+5	400	<300	<500	112,600	700	<300	<300	<500	<300	<300
Chrysene (Q)	218-01-9	NLL	NLL	NLL	8.0E+6	<300	<300	<500	50,100	<500	<300	<300	<500	<300	<300
Dibenzo(a,h)anthracene (Q)	53-70-3	NLL	NLL	NLL	8,000	<300	<300	<500	3,300	<500	<300	<300	<500	<300	<300
Fluoranthene	206-44-0	7.3E+5	5,500	7.3E+5	1.3E+8	400	<300	<500	143,300	700	<300	<300	<500	<300	<300
Fluorene	86-73-7	3.9E+5	5,300	8.9E+5	8.7E+7	<300	<300	<500	18,500	<500	<300	<300	<500	<300	<300
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NLL	NLL	NLL	80,000	<300	<300	<500	11,500	<500	<300	<300	<500	<300	<300
2-Methylnaphthalene	91-57-6	57,000	4,200	5.5E+6	2.6E+7	<300	<300	<500	3,300	<500	<300	<300	<500	<300	<300
1-Methylnaphthalene	90-12-0	NLL	NLL	NLL	NLL	<300	<300	<500	1,900	<500	<300	<300	<500	<300	<300
Naphthalene	91-20-3	35,000	730	2.1E+6	5.2E+7	<300	<300	<500	21,800	<500	<300	<300	<500	<300	<300
Phenanthrene	85-01-8	56,000	2,100	1.1E+6	5.2E+6	<300	<300	<500	**124,400**	<500	<300	<300	<500	<300	<300
Pyrene	129-00-0	4.8E+5	ID	4.8E+5	8.4E+7	<300	<300	<500	125,700	<500	<300	<300	<500	<300	<300

Analytical results compared to the MDEQ Part 201 Non-Residential Cleanup Criteria
Results in parts per billion (ppb)/micrograms per kilograms (ug/kg)

Bold-exceeds the MDEQ Part 201 Non Residential Drinking Water Criteria
Blue-Exceeds Non-Residential GSI Criteria
Italic-Exceeds Groundwater Protection Criteria
Green-Exceeds Non-Residential Direct Contact Criteria
NS - Not Sampled
NA - Not Analyzed or Not Applicable

Note: Includes analytes with concentrations above the Non Residential cleanup criteria only.

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Direct Contact Delineation

Soil Analytical Results-PNAs

RACER Trust - Davison Road Industrial Land

Burton, MI

12/15

Sample ID	Chemical Abstract Service Number	Non-Residential Drinking Water Protection Criteria and RBSLs	Non-Residential Groundwater Surface Water Interface Protection Criteria and RBSLs	*Non-Residential Groundwater Contact Protection Criteria and RBSLs*	Non-Residential Direct Contact Criteria and RBSLs	DC-08 10'					DC-11 10'				
Sample Depth Sample Date						(0-2') 8/25/2015	(2-4') 8/25/2015	(4-6') 8/25/2015	(6-8') 8/25/2015	(8-10') 8/25/2015	(0-2') 8/25/2015	(2-4') 8/25/2015	(4-6') 8/25/2015	(6-8') 8/25/2015	(8-10') 8/25/2015
PNAs															
Acenaphthene	83-32-9	3.0E+5	8,700	9.7E+5	1.3E+8	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Acenaphthylene	208-96-8	5,900	ID	4.4E+5	5.2E+6	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Anthracene	120-12-7	41,000	ID	41,000	7.3E+8	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Benzo(a)anthracene (Q)	56-55-3	NLL	NLL	NLL	80,000	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Benzo(a)pyrene (Q)	50-32-8	NLL	NLL	NLL	8,000	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Benzo(b)fluoranthene (Q)	205-99-2	NLL	NLL	NLL	80,000	<300	<300	<300	<300	<300	<300	500	<300	<500	<300
Benzo(g,h,i)perylene	191-24-2	NLL	NLL	NLL	7.0E+6	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Benzo(k)fluoranthene (Q)	207-08-9	NLL	NLL	NLL	8.0E+5	<300	<300	<300	<300	<300	<300	600	<300	<500	<300
Chrysene (Q)	218-01-9	NLL	NLL	NLL	8.0E+6	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Dibenzo(a,h)anthracene (Q)	53-70-3	NLL	NLL	NLL	8,000	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Fluoranthene	206-44-0	7.3E+5	5,500	7.3E+5	1.3E+8	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Fluorene	86-73-7	3.9E+5	5,300	8.9E+5	8.7E+7	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NLL	NLL	NLL	80,000	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
2-Methylnaphthalene	91-57-6	57,000	4,200	5.5E+6	2.6E+7	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
1-Methylnaphthalene	90-12-0	NLL	NLL	NLL	NLL	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Naphthalene	91-20-3	35,000	730	2.1E+6	5.2E+7	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Phenanthrene	85-01-8	56,000	2,100	1.1E+6	5.2E+6	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300
Pyrene	129-00-0	4.8E+5	ID	4.8E+5	8.4E+7	<300	<300	<300	<300	<300	<300	<500	<300	<500	<300

Analytical results compared to the MDEQ Part 201 Non-Residential Cleanup Criteria
Results in parts per billion (ppb)/micrograms per kilograms (ug/kg)

Bold-exceeds the MDEQ Part 201 Non Residential Drinking Water Criteria
Blue-Exceeds Non-Residential GSI Criteria
Italic-Exceeds Groundwater Protection Criteria
Green-Exceeds Non-Residential Direct Contact Criteria
NS - Not Sampled
NA - Not Analyzed or Not Applicable

Note: Includes analytes with concentrations above the Non Residential cleanup criteria only.

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Direct Contact Delineation

Soil Analytical Results-PNAs

RACER Trust - Davison Road Industrial Land

Burton, MI

12/15

Sample ID	Chemical Abstract Service Number	Non-Residential Drinking Water Protection Criteria and RBSLs	Non-Residential Groundwater Surface Water Interface Protection Criteria and RBSLs	*Non-Residential Groundwater Contact Protection Criteria and RBSLs*	Non-Residential Direct Contact Criteria and RBSLs	DC-16 10'			DC-17 (FA-17)		DC-18 10'			DC-21 10'		
Sample Depth Sample Date						(0-2') 8/26/2015	(2-4') 8/26/2015	(4-6') 8/26/2015	(0-2') 8/26/2015	(2-4') 8/26/2015	(0-2') 8/26/2015	(2-4') 8/26/2015	(4-6') 8/26/2015	(0-2') 8/26/2015	(2-4') 8/26/2015	(4-6') 8/26/2015
PNAs																
Acenaphthene	83-32-9	3.0E+5	8,700	9.7E+5	1.3E+8	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
Acenaphthylene	208-96-8	5,900	ID	4.4E+5	5.2E+6	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
Anthracene	120-12-7	41,000	ID	41,000	7.3E+8	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
Benzo(a)anthracene (Q)	56-55-3	NLL	NLL	NLL	80,000	<300	<300	<300	400	<300	<600	<800	300	600	<500	<500
Benzo(a)pyrene (Q)	50-32-8	NLL	NLL	NLL	8,000	<300	<300	<300	400	<300	700	<800	<300	600	<500	<500
Benzo(b)fluoranthene (Q)	205-99-2	NLL	NLL	NLL	80,000	700	<300	<300	800	<300	1100	1400	<300	1200	<500	<500
Benzo(g,h,i)perylene	191-24-2	NLL	NLL	NLL	7.0E+6	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
Benzo(k)fluoranthene (Q)	207-08-9	NLL	NLL	NLL	8.0E+5	800	300	<300	900	<300	1200	1700	<300	1300	<500	<500
Chrysene (Q)	218-01-9	NLL	NLL	NLL	8.0E+6	<300	<300	<300	400	<300	<600	<800	300	600	<500	<500
Dibenzo(a,h)anthracene (Q)	53-70-3	NLL	NLL	NLL	8,000	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
Fluoranthene	206-44-0	7.3E+5	5,500	7.3E+5	1.3E+8	500	500	400	900	<300	800	1700	600	1400	1000	800
Fluorene	86-73-7	3.9E+5	5,300	8.9E+5	8.7E+7	<300	<300	<300	<300	<300	<600	<800	300	<600	700	<500
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NLL	NLL	NLL	80,000	<300	<300	<300	<300	<300	<600	<800	<300	<600	<500	<500
2-Methylnaphthalene	91-57-6	57,000	4,200	5.5E+6	2.6E+7	<300	400	<300	<300	700	<600	800	1700	<600	1600	2800
1-Methylnaphthalene	90-12-0	NLL	NLL	NLL	NLL	400	1000	<300	300	1200	<600	1200	2300	<600	1500	4300
Naphthalene	91-20-3	35,000	730	2.1E+6	5.2E+7	<300	<300	<300	<300	<300	<600	<800	400	<600	800	700
Phenanthrene	85-01-8	56,000	2,100	1.1E+6	5.2E+6	<300	600	<300	600	500	<600	<800	1000	1100	1100	1400
Pyrene	129-00-0	4.8E+5	ID	4.8E+5	8.4E+7	<300	400	<300	<300	<300	700	1400	<300	900	700	800

Analytical results compared to the MDEQ Part 201 Non-Residential Cleanup Criteria

Results in parts per billion (ppb)/micrograms per kilograms (ug/kg)

Bold-exceeds the MDEQ Part 201 Non Residential Drinking Water Criteria

Blue-Exceeds Non-Residential GSI Criteria

Italic-Exceeds Groundwater Protection Criteria

Green-Exceeds Non-Residential Direct Contact Criteria

NS - Not Sampled

NA - Not Analyzed or Not Applicable

Note: Includes analytes with concentrations above the Non Residential cleanup criteria only.

]

Direct Contact Delineation

Soil Analytical Results-PNAs

RACER Trust - Davison Road Industrial Land

Burton, MI

12/15

Sample ID / **Sample Depth** / **Sample Date** / ***PNAs***	**Chemical Abstract Service Number**	**Non-Residential Drinking Water Protection Criteria and RBSLs**	Non-Residential Groundwater Surface Water Interface Protection Criteria and RBSLs	*Non-Residential Groundwater Contact Protection Criteria and RBSLs*	Non-Residential Direct Contact Criteria and RBSLs	DC-24 10' (0-2') 8/26/2015	DC-24 10' (2-4') 8/26/2015	DC-24 10' (4-6') 8/26/2015
Acenaphthene	83-32-9	3.0E+5	8,700	9.7E+5	1.3E+8	<500	<300	<300
Acenaphthylene	208-96-8	5,900	ID	4.4E+5	5.2E+6	<500	<300	<300
Anthracene	120-12-7	41,000	ID	41,000	7.3E+8	<500	<300	<300
Benzo(a)anthracene (Q)	56-55-3	NLL	NLL	NLL	80,000	<500	<300	<300
Benzo(a)pyrene (Q)	50-32-8	NLL	NLL	NLL	8,000	<500	<300	<300
Benzo(b)fluoranthene (Q)	205-99-2	NLL	NLL	NLL	80,000	<500	400	<300
Benzo(g,h,i)perylene	191-24-2	NLL	NLL	NLL	7.0E+6	<500	<300	<300
Benzo(k)fluoranthene (Q)	207-08-9	NLL	NLL	NLL	8.0E+5	<500	400	<300
Chrysene (Q)	218-01-9	NLL	NLL	NLL	8.0E+6	<500	<300	<300
Dibenzo(a,h)anthracene (Q)	53-70-3	NLL	NLL	NLL	8,000	<500	<300	<300
Fluoranthene	206-44-0	7.3E+5	5,500	7.3E+5	1.3E+8	<500	500	<300
Fluorene	86-73-7	3.9E+5	5,300	8.9E+5	8.7E+7	<500	<300	<300
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NLL	NLL	NLL	80,000	<500	<300	<300
2-Methylnaphthalene	91-57-6	57,000	4,200	5.5E+6	2.6E+7	<500	400	<300
1-Methylnaphthalene	90-12-0	NLL	NLL	NLL	NLL	500	600	<300
Naphthalene	91-20-3	35,000	730	2.1E+6	5.2E+7	<500	<300	<300
Phenanthrene	85-01-8	56,000	2,100	1.1E+6	5.2E+6	<500	<300	<300
Pyrene	129-00-0	4.8E+5	ID	4.8E+5	8.4E+7	<500	400	<300

Analytical results compared to the MDEQ Part 201 Non-Residential Cleanup Criteria

Results in parts per billion (ppb)/micrograms per kilograms (ug/kg)

Bold-exceeds the MDEQ Part 201 Non Residential Drinking Water Criteria

Blue-Exceeds Non-Residential GSI Criteria

Italic-Exceeds Groundwater Protection Criteria

Green-Exceeds Non-Residential Direct Contact Criteria

NS - Not Sampled

NA - Not Analyzed or Not Applicable

Note: Includes analytes with concentrations above the Non Residential cleanup criteria only.

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Appendix A

Boring Logs

SOIL BORING LOG

ERG Environmental Resources Group
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Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-01 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0					SAND: Brown, fine, some Silt, some Organics (Roots), dry	0.0	
2			2.5		S.A.A., some Clay, fine, trace asphalt, trace fine to coarse Gravel, damp	0.0	
4						1.2	
6			3		SAND: Light brown, fine, some Clay, some slag pieces, damp	0.1	
8					S.A.A., trace fine to coarse Gravel, damp	0.0	
10			3		S.A.A., no Gravel, trace Clay, no slag, fine, moist	0.0	
12					SAND, SILT and CLAY: Gray, soft, fine, wet	0.0	
14			3		SAND: Light brown, fine, trace Clay, trace fine to coarse Gravel, some slag pieces, very moist	0.0	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-02 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			3		SAND: Brown, fine, some Silt, trace fine to coarse Gravel, trace Organics (roots), damp	0.2	
					S.A.A., damp	0.0	
4							
			3		S.A.A., some crushed rock, trace asphalt, damp	0.2	
6							
					CLAY and SAND: Brown, fine, some fine to coarse Gravel, medium stiff, damp	0.0	
					SAND: Light brown, fine, trace Clay, medium stiff, damp	0.1	
8							
			3		CLAY and SAND: Light brown, fine, soft, trace coarse Gravel, moist	0.0	
10							
					SAND: Brown, fine, some Clay, soft, moist	0.0	
12							
			3.5		CLAY and SAND: Grayish brown, fine soft, wet	0.1	
14							
					SAND: Light brown to orange, fine, some medium Sand, wet	0.1	
16							
					EOB		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-03 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2		SAND: Brown, fine, some Clay, soft, some Organics (roots), some fine to coarse Gravel, trace crushed rock, damp	0.3	DC-03 10' (0-2')
					S.A.A., damp	0.2	DC-03 10' (2-4')
4							
			3.5		SAND and CLAY: Brown, fine, medium stiff, some fine to coarse Gravel, some crushed concrete, some slag pieces, damp	0.3	DC-03 10' (4-6')
6							
					CLAY: Brown, medium stiff, some fine Sand, some fine to to coarse Gravel, trace slag pieces, damp	0.2	DC-03 10' (6-8')
8							
			3		SAND: Light brown, fine, trace Clay, soft, damp	0.0	DC-03 10' (8-10')
10							
					SAND and CLAY: Brown, fine, soft, moist	0.0	
12							
			3.5		SAND: Brown, fine, wet	0.0	
14							
						0.0	
16							
					EOB		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-04 (SO_2)**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 20'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Brown, fine, some Clay, soft, some Organics (roots), trace fine to coarse Gravel, damp	0.4	DC-04 (SO_2) (0-2')
2						0.1	DC-04 (SO_2) (2-4')
4			2.5		S.A.A., damp	0.1	DC-04 (SO_2) (4-6')
6					SAND and CLAY: Brown, fine, medium stiff, some fine to coarse Gravel, damp	0.3	DC-04 (SO_2) (6-8')
8			3		S.A.A., some slag pieces, damp	0.1	DC-04 (SO_2) (8-10')
10					S.A.A., Light brown to orange, fine, soft, moist	0.2	
12			3		S.A.A., Gray, fine, soft, no gravel, no slag, wet.	0.2	
14					SAND: Brown, fine, some medium Sand, wet	0.3	
16			4			2.2	
18					SAND and CLAY: Brown, fine, soft, wet	0.1	
20					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
[illegible] Center Dale Court • S[illegible] • W[illegible], MI • [illegible]
Phone [illegible] • Fax [illegible]

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-05 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0					SAND: Brown, fine, some fine to coarse Gravel, some Organics (roots), trace Clay, medium stiff, trace concrete (pink), dry	1.2	DC-05 10' (0-2')
2			2		S.A.A., trace slag pieces, dry	0.1	DC-05 10' (2-4')
4			2			0.8	DC-05 10' (4-6')
6					S.A.A., Sand and slag pieces, dry	0.0	DC-05 10' (6-8')
8			2.5		S.A.A., some slag pieces, dry	0.0	DC-05 10' (8-10')
10					SAND and CLAY: Brown, fine, soft, moist	0.1	
12			4		SAND: Gray, fine, moist	0.1	
14					SAND and CLAY: Gray, fine, soft, wet	0.1	
					SAND: Brown, fine, wet	0.0	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-06 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Brown, fine, some fine to coarse Gravel, some Organics (roots, leaves), trace Clay, medium stiff, dry	0.0	DC-06 15' (0-2')
2						0.0	DC-06 15' (2-4')
4			2		S.A.A., no organics, some slag pieces, no clay, dry	0.2	DC-06 15' (4-6')
6					S.A.A., trace plastic pieces, no clay, dry	0.0	DC-06 15' (6-8')
8			3		SAND: Light brown, fine, moist	0.2	DC-06 15' (8-10')
10					SAND and CLAY: Brown, fine, soft, moist	0.2	
12			3.5		SAND: Gray, fine, some medium, very moist	0.0	
14					SAND and CLAY: Brown, fine, gray, soft, wet	0.0	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-07 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Brown, fine, some Organics (roots), trace Clay, medium stiff, trace fine to coarse Gravel, dry	0.9	
2						0.4	
4			3		SAND: Light brown, fine, damp	0.1	
6					S.A.A., damp	0.3	
8			2.5		S.A.A., some Clay, soft, moist	0.3	
10					SAND and CLAY: Brown, fine, soft, moist	0.1	
12			3		SAND: Gray, fine, some medium, trace Clay, moist	0.4	
14					SAND and CLAY: Brown, fine, some medium, gray, soft, wet	0.0	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
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Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-08 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling PID Issues- No readings	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0					SAND: Brown, fine, some fine to coarse Gravel, some Organics (roots, leaves), trace Clay, medium stiff, damp		DC-08 10' (0-2')
2			1.5		S.A.A., no Clay, trace Organics, damp		DC-08 10' (2-4')
4					SAND: Light brown, fine, damp		DC-08 10' (4-6')
6			2				DC-08 10' (6-8')
8					S.A.A., some Silt, moist		DC-08 10' (8-10')
10			3.5		SAND and CLAY: Brown, fine, soft, some Silt, moist		
12							
14			3.5		S.A.A., Gray, fine, soft, wet		
16					SAND: Brown, fine, some medium, wet **EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-09 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling collected dup 06 PID Issues- No readings	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 20'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			3		SAND: Brown, fine, some Clay, medium stiff, some Organics, (roots, leaves), trace fine to coarse Gravel, damp		
2					trace fine to coarse Gravel, damp		
					S.A.A., trace Clay, trace Organics, no Gravel, damp		
4			3		SAND: Light brown, fine, damp		
6							
8			3.5		S.A.A, moist		
10					SAND and CLAY: Brown, fine, soft, some Silt, very moist		
12			3.5		S.A.A., moist		
14					S.A.A., Gray, wet		
16			3		SAND: Brown, fine, some medium Sand, some Silt, wet		
18					S.A.A., wet		
20					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-10 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling PID Issues- No readings	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			3		SAND and CLAY: Brown, fine, medium stiff, trace Organics (roots), trace fine to coarse Gravel, dry		
2					SAND: Light brown, fine, trace Clay, medium stiff, trace Organics (roots), damp		
4			3		S.A.A., no Clay, no Organics, damp		
6							
8			3.5		S.A.A., some Silt, moist		
10					SAND and CLAY: Brown, fine, soft, some Silt, very moist		
12			3.5		SAND: Gray, fine, very moist		
14					SAND and CLAY: Gray, fine, some medium, soft, wet		
16					SAND: Brownish orange, fine, some medium, wet **EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-11 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling PID Issues- No readings	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Brown, fine, some slag pieces, trace Clay, medium stiff, trace Organics (roots), damp		DC-11 10' (0-2')
2							DC-11 10' (2-4')
4			2.5		S.A.A., trace slag pieces, damp		DC-11 10' (4-6')
6					S.A.A., trace foundry sand, light brown, damp		DC-11 10' (6-8')
8			2.5		SAND and CLAY: Brown, fine, soft, moist		DC-11 10' (8-10')
10					S.A.A., brownish-orange, moist		
12			3		SAND: Gray, fine, some medium, very moist		
14					SAND and CLAY: Gray, fine, soft, wet		
					SAND: Brown, fine, some medium, wet		
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
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Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-12 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Brown, fine, some Organics (roots, leaves), some fine to coarse Gravel, trace Clay, trace concrete pieces, trace slag pieces, trace brick fragments, damp	13.3	
					S.A.A., trace Organics (roots, leaves)	0.5	
4							
6			2		S.A.A., trace glass pieces, damp	1.9	
						0.5	
8					SAND: Light brown, fine, some Silt, damp		
10			2.5		SAND and CLAY: Brown, fine, soft, moist	0.0	
12					SAND: Brown, fine, some medium, wet	0.0	
						0.1	
14			2.5		SAND and CLAY: Gray, fine, brown, soft, wet	0.0	
					SAND: Brownish-orange, fine, some medium, wet	0.1	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-13 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/25/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/25/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Brown, fine, some Organics (roots), trace Clay, medium stiff, trace fine to coarse Gravel, dry	0.4	
2					S.A.A., trace slag pieces, dry	0.3	
4			2.5		SAND: Light brown, fine, trace Clay, damp	0.0	
6						0.0	
8			2		S.A.A., damp	0.0	
10					SAND and CLAY: Brown, fine, soft, some Silt, moist	0.0	
12			2.5		SAND: Brown, fine, some medium, wet	0.2	
14					SAND and CLAY: Brownish-orange, fine, gray, soft, some medium, wet	0.3	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-14 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Dark brown, fine, some Organics (roots, grass), some light brown foundry Sand, trace glass pieces, moist	0.3	
2					S.A.A., trace Clay, soft, moist	0.8	
4			1.5		S.A.A., trace Organics, moist	0.9	
6						0.6	
8			3		CLAY: Grayish brown, soft, moist	0.4	
10						0.3	
12			3		CLAY and SILT: Brown, soft, wet	0.2	
14					S.A.A., gray, wet	0.4	
16					**EOB**	0.6	

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
[illegible] Center Dale Court • S[illegible] • W[illegible], MI • 48[illegible]
Phone: 248-[illegible] • Fax: 248-[illegible]

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-15 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2		SAND: Dark brown, fine, some Clay, soft, some light brown foundry Sand, trace glass pieces, moist	0.5	
2					S.A.A., no Clay	0.3	
4			2		S.A.A., some Clay, trace Organics, moist	0.1	
6					SAND and CLAY: Dark brown, fine, some light brown foundry Sand, trace Organics, moist	0.4	
8			3.5		CLAY: Brownish gray, medium stiff, moist	0.3	
10					S.A.A., soft, some Silt, moist	0.3	
12			3.5		CLAY and SILT: Brown, soft, wet	0.4	
14					CLAY: Gray, soft, moist	0.5	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-16 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, some light brown foundry Sand, some Organics (roots), trace slag pieces, trace Clay, moist	0.1	DC-16 10' (0-2')
					S.A.A., trace Clay, damp	0.7	DC-16 10' (2-4')
4					S.A.A., no Clay, moist		DC-16 10' (4-6')
6			2.5			0.3	
					CLAY and SILT and SAND: Brown, soft, fine, trace light brown foundry Sand, moist	0.2	
8					SILT and CLAY: Brown, soft, some fine Sand, moist	0.5	
10			2.5		S.A.A., gray, moist	0.4	
12					SILT: Gray, wet	0.2	
14			3		SILT and CLAY: Gray, soft, moist	0.2	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client:** RACER	**Boring No.:** DC-17 (FA-17)
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started:** 8/26/15	**Bit Type:** N/A	**Hole Diameter:** 2"
Drill Crew: Dan	**Completed:** 8/26/15	**Hammer Type:** N/A	**Well Diameter:** N/A
Comments: continuous sampling	**Backfilled:** natural cuttings	**Hammer Weight:** N/A	**Hammer Drop:** N/A
	Groundwater Depth: N/A	**Elevation:** N/A	**Total Depth of Boring:** 16'

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0					SAND: Dark brown, fine, some Organics (roots), trace Clay trace slag pieces, trace fine to coarse Gravel, damp	0.8	DC-17 (FA-17) (0-2')
2			2.5		S.A.A., trace light brown foundry Sand, moist	0.9	DC-17 (FA-17) (2-4')
4					S.A.A., moist	0.9	
6			2.5		CLAY and SAND: Brown, soft, fine, some crushed concrete trace fine to coarse Gravel, moist	0.3	
8					S.A.A., fine to medium, no concrete, no gravel, soft, wet	0.1	
10			3		SILT and CLAY: Brown, soft, wet	0.5	
12					S.A.A., Gray, wet	0.4	
14			4		SILT and SAND: Brown, fine to medium, wet	0.4	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-18 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, some Organics (roots), trace Clay trace slag pieces, trace fine to coarse Gravel, damp	0.2	DC-18 10' (0-2')
4					S.A.A., trace light brown foundry Sand, moist	0.9	DC-18 10' (2-4')
6			2.5		S.A.A., moist	1.3	DC-18 10' (4-6')
8						1.1	
10			2.5		SAND and CLAY: Brown, fine to medium, soft, wet	0.8	
12					SILT and CLAY: Brown, soft, wet	0.8	
14			4		SAND and SILT: Brown, fine, wet	0.7	
16					SILT and CLAY: Gray, soft, wet	0.1	
					EOB		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-19 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, some Organics (roots, moss), trace Clay, medium stiff, trace fine to coarse Gravel, damp	0.7	
4			2.5		S.A.A., some white substance, trace light brown foundry Sand, trace slag pieces, no Organics, moist	1.1	
6					S.A.A., damp	2.0	
8					S.A.A., some brown Clay, soft, moist	11.0	
10			3		SILT and CLAY and SAND: Brown, fine, soft, wet	1.1	
12						1.0	
14			4		SAND and SILT: Brown, fine, wet	0.9	
16					CLAY and SILT: Gray, soft, moist	0.8	
					EOB		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
[illegible]

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-20 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Brown, fine, trace Clay, medium stiff, trace Organics (roots, grass), trace crushed rock, damp	0.9	
4			2.5		SAND: Dark brown, fine, some slag pieces, trace Clay, medium stiff, moist	1.5 2.9	
6					SAND and SILT: Brown, fine, some medium, trace fine to coarse Gravel, moist	1.4	
8			3		CLAY: Brown, soft, some fine Sand, moist	1.3	
10					CLAY and SILT: Brown, soft, moist	1.0	
12			4		SAND and SILT: Brown, fine, wet	1.4	
14					CLAY and SILT: Gray, soft, moist	1.2	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-21 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0			2.5		SAND: Dark brown, fine, trace Clay, soft, trace Organics (roots, grass), trace foundry Sand, petro odor, damp	55.4	DC-21 10' (0-2')
2					SAND: Dark brown, fine, some slag pieces, trace Clay, medium stiff, moist	4.2	DC-21 10' (2-4')
4			2.5			2.7	DC-21 10' (4-6')
6					CLAY and SAND: Brown-dark brown, fine, soft, moist	1.3	
8			2		CLAY and SILT: Brown, soft, some fine Sand, moist	0.9	
10					CLAY: Gray, medium stiff, moist	1.5	
12			3		SAND and CLAY: Brown, fine, soft, wet	1.2	
14					CLAY and SILT: Gray, soft, moist	0.4	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-22 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2		SAND and CLAY: Dark brown-brown, fine, soft, some foundry pieces, trace fine to coarse Gravel, trace Organics (roots, moss), moist	0.8 2.9	
4					SAND: Dark brown, fine, some Clay, soft, trace foundry Sand, moist	1.1	
6			2.5		SAND and CLAY: Dark brown-brown, fine, some medium soft, trace fine to coarse Gravel, moist	0.5	
8					SILT and CLAY and SAND: Brown, fine, soft, moist	0.5	
10			2.5	▽	S.A.A., wet	0.5	
12					S.A.A., gray, wet	0.6	
14			2		S.A.A., gray, moist	0.5	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-23 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, some Clay, soft, trace foundry pieces, trace Organics (roots), moist	0.4	
					S.A.A., trace slag pieces, moist	0.6	
4							
			1.5			1.1	
6					S.A.A., moist		
						1.7	
8							
			3		CLAY: Brown, medium stiff, some fine to medium Sand, moist	0.5	
10					CLAY and SILT: Brown, medium stiff, moist		
						0.5	
12			4		SAND and SILT: Brown, fine, wet		
						0.5	
14					SILT and CLAY: Gray, soft, moist		
						0.5	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-24 10'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
0					SAND: Dark brown, fine, trace Clay, soft, trace fine to coarse Gravel, trace Organics (roots), moist	0.1	DC-24 10' (0-2')
2			2		S.A.A., trace slag pieces, moist	0.3	DC-24 10' (2-4')
4			3		S.A.A., some crushed concrete, moist	0.2	DC-24 10' (4-6')
6					SAND and SILT and CLAY: Dark brown, fine, soft, trace fine to coarse Gravel, moist	0.3	
8			3		S.A.A., Brownish gray, medium stiff, moist	1.2	
10					SILT and CLAY: Brown, soft, some fine Sand, wet	0.9	
12			4		SAND and SILT: Brown, fine, some medium, wet	1.3	
14					SILT and CLAY: Gray, soft, wet	1.0	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-25 15'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, trace Clay, soft, trace fine to coarse Gravel, trace Organics (roots), trace light brown foundry Sand, moist	1.4	
					S.A.A., some slag pieces, moist	16.3	
4			2.5		SAND and CLAY: Dark brown, fine, soft, some medium Sand, some fine to coarse Gravel, trace slag pieces, moist	1.1	
6						1.2	
8							
			3		SAND and CLAY: Brown, fine, soft, some medium, wet	1.8	
10					SILT and CLAY and SAND: Brown, fine, soft, wet	1.7	
12			3		SAND and SILT: Brown, fine, wet	1.6	
14					SILT and CLAY: Gray, soft, wet	1.5	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

SOIL BORING LOG

ERG Environmental Resources Group
[illegible]

Project: RACER	**Project Number:** 1119.001	**Client: RACER**	**Boring No.: DC-26 20'**
Address, City, State Davison Rd and Donegal Rd, Burton, MI		**Drilling Contractor:** LaPointe Environmental	**Drill Rig Type:** Truck Mount
Logged By: LLL	**Date** **Started: 8/26/15**	**Bit Type: N/A**	**Hole Diameter: 2"**
Drill Crew: Dan	**Completed: 8/26/15**	**Hammer Type: N/A**	**Well Diameter: N/A**
Comments: continuous sampling	**Backfilled: natural cuttings**	**Hammer Weight: N/A**	**Hammer Drop: N/A**
	Groundwater Depth: N/A	**Elevation: N/A**	**Total Depth of Boring: 16'**

Depth (feet)	Sample Type	Sample Number	Recovery (feet)	Graphic Log	Lithology **Soil Group Name:** modifier, color, moisture, density/consistency, grain size, other descriptors **Rock Description:** modifier, color, hardness/degree of concentration, bedding and joint characteristics, solutions, void conditions.	PID	Samples Submitted For Laboratory Analysis
2			2.5		SAND: Dark brown, fine, trace Clay, soft, trace fine to coarse Gravel, trace Organics (roots), trace light brown foundry Sand, damp	1.2	
					S.A.A., trace brick fragments, trace slag pieces, moist	1.0	
4							
			2			1.2	
6					SAND and CLAY: Dark brown, fine to medium, soft, trace slag pieces, trace wood fragments, moist	1.6	
8					S.A.A. Grayish-brown, medium stiff, moist		
			3			1.1	
10					SILT and CLAY: Brown, soft, some fine Sand, wet	1.1	
12					SAND and SILT: Brown, fine, wet		
			3			1.4	
14					SILT and CLAY: Gray, soft, moist	1.2	
16					**EOB**		

Standard Penetration Slit Spoon Sampler (SPT)
Direct Push Sampler
Water Sample
HA Hand Auger
Soil Gas Sample Screen Interval
Stabilized Ground water
Groundwater At time of Drilling
S.A.A Same as above

Appendix B

Laboratory Report

Analytical Laboratory Report

Report ID: S67762.01(01)
Generated on 08/31/2015

Report to

Attention: Sue Graves
ERG
28003 Center Oaks Dr
Wixom, MI 48393

Phone: 248-773-7986 FAX: 248-924-3108
Email: sue.graves@ergrp.net

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
Kevin George (kgeorge@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S67762.01-S67762.96
Project: 1119.001 / RACER Davison Rd. LF
Collected Date: 08/25/2015
Submitted Date/Time: 08/26/2015 15:30
Sampled by: L. Lambert
P.O. #: 228971

Table of Contents

Maya Murshak
Technical Director

General Report Notes

Results relate only to items tested as received by laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.
QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.
Full accreditation certificates are available upon request.
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Certifications

Authority	Certification ID
Michigan DEQ	#9956
DOD ELAP/ISO 17025	#69699
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods

Method Summary

Method	Version
SM2540B	Standard Method 2540 B 20th Edition
SW3550C	SW 846 Method 3550C Revision 3 February 2007
SW8270D	SW 846 Method 8270D Revision 4 February 2007

Sample Summary (96 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S67762.01	DC-01 20' (0-2')	Soil	08/25/15 10:15
S67762.02	DC-01 20' (2-4')	Soil	08/25/15 10:18
S67762.03	DC-01 20' (4-6')	Soil	08/25/15 10:20
S67762.04	DC-01 20' (6-8')	Soil	08/25/15 10:25
S67762.05	DC-01 20' (8-10')	Soil	08/25/15 10:27
S67762.06	DC-01 20' (10-12')	Soil	08/25/15 10:30
S67762.07	DC-01 20' (12-14')	Soil	08/25/15 10:32
S67762.08	DC-01 20' (14-16')	Soil	08/25/15 10:34
S67762.09	DC-02 15' (0-2')	Soil	08/25/15 11:00
S67762.10	DC-02 15' (2-4')	Soil	08/25/15 11:02
S67762.11	DC-02 15' (4-6')	Soil	08/25/15 11:05
S67762.12	DC-02 15' (6-7')	Soil	08/25/15 11:07
S67762.13	DC-02 15' (7-8')	Soil	08/25/15 11:09
S67762.14	DUP 01	Soil	08/25/15 00:01
S67762.15	DC-02 15' (8-10')	Soil	08/25/15 11:15
S67762.16	DC-02 15' (10-12')	Soil	08/25/15 11:17
S67762.17	DC-02 15' (12-14')	Soil	08/25/15 11:22
S67762.18	DC-02 15' (14-16')	Soil	08/25/15 11:25
S67762.19	DC-03 10' (0-2')	Soil	08/25/15 11:35
S67762.20	DC-03 10' (2-4')	Soil	08/25/15 11:37
S67762.21	DC-03 10' (4-6')	Soil	08/25/15 11:40
S67762.22	DC-03 10' (6-8')	Soil	08/25/15 11:42
S67762.23	DC-03 10' (8-10')	Soil	08/25/15 11:48
S67762.24	DC-03 10' (10-12')	Soil	08/25/15 11:50
S67762.25	DUP 02	Soil	08/25/15 00:01
S67762.26	DC-03 10' (12-14')	Soil	08/25/15 11:52
S67762.27	DC-03 10' (14-16')	Soil	08/25/15 11:55
S67762.28	DC-04 (S02) (0-2')	Soil	08/25/15 12:05
S67762.29	DC-04 (S02) (2-4')	Soil	08/25/15 12:07
S67762.30	DC-04 (S02) (4-6')	Soil	08/25/15 12:10
S67762.31	DC-04 (S02) (6-8')	Soil	08/25/15 12:12
S67762.32	DC-04 (S02) (8-10')	Soil	08/25/15 12:14
S67762.33	DC-04 (S02) (10-12')	Soil	08/25/15 12:17
S67762.34	DC-04 (S02) (12-14')	Soil	08/25/15 12:19
S67762.35	DC-04 (S02) (14-16')	Soil	08/25/15 12:22
S67762.36	DUP 03	Soil	08/25/15 00:01
S67762.37	DC-04 (S02) (16-18')	Soil	08/25/15 12:25
S67762.38	DC-04 (S02) (18-20')	Soil	08/25/15 12:27
S67762.39	DC-05 10' (0-2')	Soil	08/25/15 12:40
S67762.40	DC-05 10' (2-4')	Soil	08/25/15 12:42
S67762.41	DC-05 10' (4-6')	Soil	08/25/15 12:45
S67762.42	DC-05 10' (6-8')	Soil	08/25/15 12:47
S67762.43	DC-05 10' (8-10')	Soil	08/25/15 12:50
S67762.44	DC-05 10' (10-12')	Soil	08/25/15 12:52
S67762.45	DC-05 10' (12-14')	Soil	08/25/15 12:55
S67762.46	DC-05 10' (14-15')	Soil	08/25/15 12:57
S67762.47	DC-05 10' (15-16')	Soil	08/25/15 12:59
S67762.48	DUP 04	Soil	08/25/15 00:01
S67762.49	DC-06 15' (0-2')	Soil	08/25/15 13:10
S67762.50	DC-06 15' (2-4')	Soil	08/25/15 13:12
S67762.51	DC-06 15' (4-6')	Soil	08/25/15 13:15
S67762.52	DC-06 15' (6-8')	Soil	08/25/15 13:17
S67762.53	DC-06 15' (8-10')	Soil	08/25/15 13:20

Sample Summary (continued)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S67762.54	DC-06 15' (10-12')	Soil	08/25/15 13:22
S67762.55	DC-06 15' (12-14')	Soil	08/25/15 13:25
S67762.56	DC-06 15' (14-16')	Soil	08/25/15 13:27
S67762.57	DC-07 20' (0-2')	Soil	08/25/15 13:40
S67762.58	DC-07 20' (2-4')	Soil	08/25/15 13:42
S67762.59	DC-07 20' (4-6')	Soil	08/25/15 13:44
S67762.60	DUP-5	Soil	08/25/15 00:01
S67762.61	DC-07 20' (6-8')	Soil	08/25/15 13:46
S67762.62	DC-07 20' (8-10')	Soil	08/25/15 13:48
S67762.63	DC-07 20' (10-12')	Soil	08/25/15 13:50
S67762.64	DC-07 20' (12-14')	Soil	08/25/15 13:52
S67762.65	DC-07 20' (14-16')	Soil	08/25/15 13:54
S67762.66	DC-08 10' (0-2')	Soil	08/25/15 14:05
S67762.67	DC-08 10' (2-4')	Soil	08/25/15 14:07
S67762.68	DC-08 10' (4-6')	Soil	08/25/15 14:09
S67762.69	DC-08 10' (6-8')	Soil	08/25/15 14:11
S67762.70	DC-08 10' (8-10')	Soil	08/25/15 14:13
S67762.71	DC-08 10' (10-12')	Soil	08/25/15 14:15
S67762.72	DC-08 10' (12-14')	Soil	08/25/15 14:17
S67762.73	DC-08 10' (14-15')	Soil	08/25/15 14:19
S67762.74	DC-08 10' (15-16')	Soil	08/25/15 14:21
S67762.75	DC-9 15' (0-2')	Soil	08/25/15 14:35
S67762.76	DC-9 15' (2-4')	Soil	08/25/15 14:37
S67762.77	DC-9 15' (4-6')	Soil	08/25/15 14:39
S67762.78	DC-9 15' (6-8')	Soil	08/25/15 14:41
S67762.79	DC-9 15' (8-10')	Soil	08/25/15 14:43
S67762.80	DC-9 15' (10-12')	Soil	08/25/15 14:45
S67762.81	DC-9 15' (12-14')	Soil	08/25/15 14:47
S67762.82	DC-9 15' (14-15')	Soil	08/25/15 14:49
S67762.83	DC-9 15' (15-16')	Soil	08/25/15 14:51
S67762.84	DC-9 15' (16-18')	Soil	08/25/15 14:53
S67762.85	DC-9 15' (18-20')	Soil	08/25/15 14:55
S67762.86	DUP-6	Soil	08/25/15 00:01
S67762.87	DC-10 20' (0-2')	Soil	08/25/15 15:05
S67762.88	DC-10 20' (2-4')	Soil	08/25/15 15:07
S67762.89	DC-10 20' (4-6')	Soil	08/25/15 15:09
S67762.90	DC-10 20' (6-8')	Soil	08/25/15 15:11
S67762.91	DC-10 20' (8-10')	Soil	08/25/15 15:13
S67762.92	DC-10 20' (10-12')	Soil	08/25/15 15:15
S67762.93	DC-10 20' (12-14')	Soil	08/25/15 15:17
S67762.94	DC-10 20' (14-15')	Soil	08/25/15 15:19
S67762.95	DC-10 20' (15-16')	Soil	08/25/15 15:21
S67762.96	DUP7	Soil	08/25/15 00:01

Analytical Laboratory Report

Lab Sample ID: S67762.01
Sample Tag: DC-01 20' (0-2')
Collected Date/Time: 08/25/2015 10:15
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.02
Sample Tag: DC-01 20' (2-4')
Collected Date/Time: 08/25/2015 10:18
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.03
Sample Tag: DC-01 20' (4-6')
Collected Date/Time: 08/25/2015 10:20
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.04
Sample Tag: DC-01 20' (6-8')
Collected Date/Time: 08/25/2015 10:25
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.05
Sample Tag: DC-01 20' (8-10')
Collected Date/Time: 08/25/2015 10:27
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.06
Sample Tag: DC-01 20' (10-12')
Collected Date/Time: 08/25/2015 10:30
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.07
Sample Tag: DC-01 20' (12-14')
Collected Date/Time: 08/25/2015 10:32
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.08
Sample Tag: DC-01 20' (14-16')
Collected Date/Time: 08/25/2015 10:34
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.09
Sample Tag: DC-02 15' (0-2')
Collected Date/Time: 08/25/2015 11:00
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.10
Sample Tag: DC-02 15' (2-4')
Collected Date/Time: 08/25/2015 11:02
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.11
Sample Tag: DC-02 15' (4-6')
Collected Date/Time: 08/25/2015 11:05
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.12
Sample Tag: DC-02 15' (6-7')
Collected Date/Time: 08/25/2015 11:07
Matrix: Soil
COC Reference: 67859

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.13
Sample Tag: DC-02 15' (7-8')
Collected Date/Time: 08/25/2015 11:09
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.14
Sample Tag: DUP 01
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.15
Sample Tag: DC-02 15' (8-10')
Collected Date/Time: 08/25/2015 11:15
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.16
Sample Tag: DC-02 15' (10-12')
Collected Date/Time: 08/25/2015 11:17
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.17
Sample Tag: DC-02 15' (12-14')
Collected Date/Time: 08/25/2015 11:22
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.18
Sample Tag: DC-02 15' (14-16')
Collected Date/Time: 08/25/2015 11:25
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.19
Sample Tag: DC-03 10' (0-2')
Collected Date/Time: 08/25/2015 11:35
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	91	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	120-12-7	
Benzo(a)anthracene	500	ug/kg	300	SW8270D	08/28/15 07:19	PL	56-55-3	
Benzo(a)pyrene	500	ug/kg	300	SW8270D	08/28/15 07:19	PL	50-32-8	
Benzo(b)fluoranthene	1,200	ug/kg	300	SW8270D	08/28/15 07:19	PL	205-99-2	p
Benzo(k)fluoranthene	1,200	ug/kg	300	SW8270D	08/28/15 07:19	PL	207-08-9	p
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	191-24-2	
Chrysene	600	ug/kg	300	SW8270D	08/28/15 07:19	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	53-70-3	
Fluoranthene	1,200	ug/kg	300	SW8270D	08/28/15 07:19	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	91-20-3	
Phenanthrene	800	ug/kg	300	SW8270D	08/28/15 07:19	PL	85-01-8	
Pyrene	1,000	ug/kg	300	SW8270D	08/28/15 07:19	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.20
Sample Tag: DC-03 10' (2-4')
Collected Date/Time: 08/25/2015 11:37
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	94	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	120-12-7	
Benzo(a)anthracene	300	ug/kg	300	SW8270D	08/28/15 06:12	PL	56-55-3	
Benzo(a)pyrene	400	ug/kg	300	SW8270D	08/28/15 06:12	PL	50-32-8	
Benzo(b)fluoranthene	800	ug/kg	300	SW8270D	08/28/15 06:12	PL	205-99-2	p
Benzo(k)fluoranthene	800	ug/kg	300	SW8270D	08/28/15 06:12	PL	207-08-9	p
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	191-24-2	
Chrysene	400	ug/kg	300	SW8270D	08/28/15 06:12	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	53-70-3	
Fluoranthene	700	ug/kg	300	SW8270D	08/28/15 06:12	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	91-20-3	
Phenanthrene	400	ug/kg	300	SW8270D	08/28/15 06:12	PL	85-01-8	
Pyrene	600	ug/kg	300	SW8270D	08/28/15 06:12	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:12	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.21
Sample Tag: DC-03 10' (4-6')
Collected Date/Time: 08/25/2015 11:40
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	92	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:34	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:34	PL	208-96-8	
Anthracene	700	ug/kg	300	SW8270D	08/28/15 06:34	PL	120-12-7	
Benzo(a)anthracene	1,100	ug/kg	300	SW8270D	08/28/15 06:34	PL	56-55-3	
Benzo(a)pyrene	900	ug/kg	300	SW8270D	08/28/15 06:34	PL	50-32-8	
Benzo(b)fluoranthene	1,800	ug/kg	300	SW8270D	08/28/15 06:34	PL	205-99-2	p
Benzo(k)fluoranthene	1,900	ug/kg	300	SW8270D	08/28/15 06:34	PL	207-08-9	p
Benzo(ghi)perylene	300	ug/kg	300	SW8270D	08/28/15 06:34	PL	191-24-2	
Chrysene	1,200	ug/kg	300	SW8270D	08/28/15 06:34	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:34	PL	53-70-3	
Fluoranthene	2,500	ug/kg	300	SW8270D	08/28/15 06:34	PL	206-44-0	
Fluorene	400	ug/kg	300	SW8270D	08/28/15 06:34	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	300	ug/kg	300	SW8270D	08/28/15 06:34	PL	193-39-5	
Naphthalene	400	ug/kg	300	SW8270D	08/28/15 06:34	PL	91-20-3	
Phenanthrene	2,500	ug/kg	300	SW8270D	08/28/15 06:34	PL	85-01-8	
Pyrene	2,100	ug/kg	300	SW8270D	08/28/15 06:34	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:34	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:34	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.22
Sample Tag: DC-03 10' (6-8')
Collected Date/Time: 08/25/2015 11:42
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	84	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 03:59	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.23
Sample Tag: DC-03 10' (8-10')
Collected Date/Time: 08/25/2015 11:48
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	90	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:21	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.24
Sample Tag: DC-03 10' (10-12')
Collected Date/Time: 08/25/2015 11:50
Matrix: Soil
COC Reference: 74929

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.25
Sample Tag: DUP 02
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.26
Sample Tag: DC-03 10' (12-14')
Collected Date/Time: 08/25/2015 11:52
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.27
Sample Tag: DC-03 10' (14-16')
Collected Date/Time: 08/25/2015 11:55
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.28
Sample Tag: DC-04 (S02) (0-2')
Collected Date/Time: 08/25/2015 12:05
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	93	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	120-12-7	
Benzo(a)anthracene	500	ug/kg	300	SW8270D	08/28/15 05:06	PL	56-55-3	
Benzo(a)pyrene	500	ug/kg	300	SW8270D	08/28/15 05:06	PL	50-32-8	
Benzo(b)fluoranthene	1,000	ug/kg	300	SW8270D	08/28/15 05:06	PL	205-99-2	p
Benzo(k)fluoranthene	1,100	ug/kg	300	SW8270D	08/28/15 05:06	PL	207-08-9	p
Benzo(ghi)perylene	300	ug/kg	300	SW8270D	08/28/15 05:06	PL	191-24-2	
Chrysene	600	ug/kg	300	SW8270D	08/28/15 05:06	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	53-70-3	
Fluoranthene	1,000	ug/kg	300	SW8270D	08/28/15 05:06	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	91-20-3	
Phenanthrene	600	ug/kg	300	SW8270D	08/28/15 05:06	PL	85-01-8	
Pyrene	900	ug/kg	300	SW8270D	08/28/15 05:06	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:06	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.29
Sample Tag: DC-04 (S02) (2-4')
Collected Date/Time: 08/25/2015 12:07
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	94	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 05:28	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.30
Sample Tag: DC-04 (S02) (4-6')
Collected Date/Time: 08/25/2015 12:10
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	93	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	50-32-8	
Benzo(b)fluoranthene	600	ug/kg	300	SW8270D	08/28/15 06:57	PL	205-99-2	p
Benzo(k)fluoranthene	600	ug/kg	300	SW8270D	08/28/15 06:57	PL	207-08-9	p
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	53-70-3	
Fluoranthene	400	ug/kg	300	SW8270D	08/28/15 06:57	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	85-01-8	
Pyrene	400	ug/kg	300	SW8270D	08/28/15 06:57	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:57	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.31
Sample Tag: DC-04 (S02) (6-8')
Collected Date/Time: 08/25/2015 12:12
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:24	EMR		
Inorganics								
Total Solids	89	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 04:44	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.32
Sample Tag: DC-04 (S02) (8-10')
Collected Date/Time: 08/25/2015 12:14
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	92	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	208-96-8	X
Anthracene	700	ug/kg	500	SW8270D	08/28/15 09:38	PL	120-12-7	X
Benzo(a)anthracene	1,500	ug/kg	500	SW8270D	08/28/15 09:38	PL	56-55-3	X
Benzo(a)pyrene	1,300	ug/kg	500	SW8270D	08/28/15 09:38	PL	50-32-8	X
Benzo(b)fluoranthene	1,400	ug/kg	500	SW8270D	08/28/15 09:38	PL	205-99-2	Xp
Benzo(k)fluoranthene	1,300	ug/kg	500	SW8270D	08/28/15 09:38	PL	207-08-9	Xp
Benzo(ghi)perylene	600	ug/kg	500	SW8270D	08/28/15 09:38	PL	191-24-2	X
Chrysene	1,400	ug/kg	500	SW8270D	08/28/15 09:38	PL	218-01-9	X
Dibenzo(ah)anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	53-70-3	X
Fluoranthene	3,900	ug/kg	500	SW8270D	08/28/15 09:38	PL	206-44-0	X
Fluorene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	600	ug/kg	500	SW8270D	08/28/15 09:38	PL	193-39-5	X
Naphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	91-20-3	X
Phenanthrene	2,200	ug/kg	500	SW8270D	08/28/15 09:38	PL	85-01-8	X
Pyrene	2,300	ug/kg	500	SW8270D	08/28/15 09:38	PL	129-00-0	X
2-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	91-57-6	X
1-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:38	PL	90-12-0	X

X-Elevated reporting limit due to matrix interference
p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.33
Sample Tag: DC-04 (S02) (10-12')
Collected Date/Time: 08/25/2015 12:17
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.34
Sample Tag: DC-04 (S02) (12-14')
Collected Date/Time: 08/25/2015 12:19
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.35
Sample Tag: DC-04 (S02) (14-16')
Collected Date/Time: 08/25/2015 12:22
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.36
Sample Tag: DUP 03
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74930

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.37
Sample Tag: DC-04 (S02) (16-18')
Collected Date/Time: 08/25/2015 12:25
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.38
Sample Tag: DC-04 (S02) (18-20')
Collected Date/Time: 08/25/2015 12:27
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.39
Sample Tag: DC-05 10' (0-2')
Collected Date/Time: 08/25/2015 12:40
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	93	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	50-32-8	
Benzo(b)fluoranthene	400	ug/kg	300	SW8270D	08/28/15 07:39	PL	205-99-2	p
Benzo(k)fluoranthene	400	ug/kg	300	SW8270D	08/28/15 07:39	PL	207-08-9	p
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	53-70-3	
Fluoranthene	400	ug/kg	300	SW8270D	08/28/15 07:39	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:39	PL	90-12-0	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.40
Sample Tag: DC-05 10' (2-4')
Collected Date/Time: 08/25/2015 12:42
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	95	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:59	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.41
Sample Tag: DC-05 10' (4-6')
Collected Date/Time: 08/25/2015 12:45
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	95	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	208-96-8	X
Anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	120-12-7	X
Benzo(a)anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	56-55-3	X
Benzo(a)pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	50-32-8	X
Benzo(b)fluoranthene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	205-99-2	X
Benzo(k)fluoranthene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	207-08-9	X
Benzo(ghi)perylene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	191-24-2	X
Chrysene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	218-01-9	X
Dibenzo(ah)anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	53-70-3	X
Fluoranthene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	206-44-0	X
Fluorene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	193-39-5	X
Naphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	91-20-3	X
Phenanthrene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	85-01-8	X
Pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	129-00-0	X
2-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	91-57-6	X
1-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 09:18	PL	90-12-0	X

X-Elevated reporting limit due to matrix interference

Analytical Laboratory Report

Lab Sample ID: S67762.42
Sample Tag: DC-05 10' (6-8')
Collected Date/Time: 08/25/2015 12:47
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	97	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	22,000	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	208-96-8	X
Anthracene	36,700	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	120-12-7	X
Benzo(a)anthracene	53,800	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	56-55-3	X
Benzo(a)pyrene	47,400	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	50-32-8	X
Benzo(b)fluoranthene	106,200	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	205-99-2	pX
Benzo(k)fluoranthene	112,600	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	207-08-9	pX
Benzo(ghi)perylene	9,900	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	191-24-2	X
Chrysene	50,100	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	218-01-9	X
Dibenzo(ah)anthracene	3,300	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	53-70-3	X
Fluoranthene	143,300	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	206-44-0	X
Fluorene	18,500	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	11,500	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	193-39-5	X
Naphthalene	21,800	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	91-20-3	X
Phenanthrene	124,400	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	85-01-8	X
Pyrene	125,700	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	129-00-0	X
2-Methylnaphthalene	3,300	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	91-57-6	X
1-Methylnaphthalene	1,900	ug/kg	1,000	SW8270D	08/28/15 10:56	PL	90-12-0	X

X-Elevated reporting limit due to matrix interference
p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.43
Sample Tag: DC-05 10' (8-10')
Collected Date/Time: 08/25/2015 12:50
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	92	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	208-96-8	X
Anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	120-12-7	X
Benzo(a)anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	56-55-3	X
Benzo(a)pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	50-32-8	X
Benzo(b)fluoranthene	700	ug/kg	500	SW8270D	08/28/15 10:37	PL	205-99-2	Xp
Benzo(k)fluoranthene	700	ug/kg	500	SW8270D	08/28/15 10:37	PL	207-08-9	Xp
Benzo(ghi)perylene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	191-24-2	X
Chrysene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	218-01-9	X
Dibenzo(ah)anthracene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	53-70-3	X
Fluoranthene	700	ug/kg	500	SW8270D	08/28/15 10:37	PL	206-44-0	X
Fluorene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	193-39-5	X
Naphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	91-20-3	X
Phenanthrene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	85-01-8	X
Pyrene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	129-00-0	X
2-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	91-57-6	X
1-Methylnaphthalene	Not detected	ug/kg	500	SW8270D	08/28/15 10:37	PL	90-12-0	X

X-Elevated reporting limit due to matrix interference
p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.

Analytical Laboratory Report

Lab Sample ID: S67762.44
Sample Tag: DC-05 10' (10-12')
Collected Date/Time: 08/25/2015 12:52
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.45
Sample Tag: DC-05 10' (12-14')
Collected Date/Time: 08/25/2015 12:55
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.46
Sample Tag: DC-05 10' (14-15')
Collected Date/Time: 08/25/2015 12:57
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.47
Sample Tag: DC-05 10' (15-16')
Collected Date/Time: 08/25/2015 12:59
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.48
Sample Tag: DUP 04
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74931

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.49
Sample Tag: DC-06 15' (0-2')
Collected Date/Time: 08/25/2015 13:10
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.50
Sample Tag: DC-06 15' (2-4')
Collected Date/Time: 08/25/2015 13:12
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.51
Sample Tag: DC-06 15' (4-6')
Collected Date/Time: 08/25/2015 13:15
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.52
Sample Tag: DC-06 15' (6-8')
Collected Date/Time: 08/25/2015 13:17
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.53
Sample Tag: DC-06 15' (8-10')
Collected Date/Time: 08/25/2015 13:20
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.54
Sample Tag: DC-06 15' (10-12')
Collected Date/Time: 08/25/2015 13:22
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.55
Sample Tag: DC-06 15' (12-14')
Collected Date/Time: 08/25/2015 13:25
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.56
Sample Tag: DC-06 15' (14-16')
Collected Date/Time: 08/25/2015 13:27
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.57
Sample Tag: DC-07 20' (0-2')
Collected Date/Time: 08/25/2015 13:40
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.58
Sample Tag: DC-07 20' (2-4')
Collected Date/Time: 08/25/2015 13:42
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.59
Sample Tag: DC-07 20' (4-6')
Collected Date/Time: 08/25/2015 13:44
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.60
Sample Tag: DUP-5
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74932

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.61
Sample Tag: DC-07 20' (6-8')
Collected Date/Time: 08/25/2015 13:46
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.62
Sample Tag: DC-07 20' (8-10')
Collected Date/Time: 08/25/2015 13:48
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.63
Sample Tag: DC-07 20' (10-12')
Collected Date/Time: 08/25/2015 13:50
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.64
Sample Tag: DC-07 20' (12-14')
Collected Date/Time: 08/25/2015 13:52
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.65
Sample Tag: DC-07 20' (14-16')
Collected Date/Time: 08/25/2015 13:54
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.66
Sample Tag: DC-08 10' (0-2')
Collected Date/Time: 08/25/2015 14:05
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	89	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:19	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.67
Sample Tag: DC-08 10' (2-4')
Collected Date/Time: 08/25/2015 14:07
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	95	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 08:39	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.68
Sample Tag: DC-08 10' (4-6')
Collected Date/Time: 08/25/2015 14:09
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	97	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 07:19	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.69
Sample Tag: DC-08 10' (6-8')
Collected Date/Time: 08/25/2015 14:11
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	95	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:00	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.70
Sample Tag: DC-08 10' (8-10')
Collected Date/Time: 08/25/2015 14:13
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Extraction / Prep.								
PNA Extraction	Completed			SW3550C	08/26/15 23:45	EMR		
Inorganics								
Total Solids	86	%	1	SM2540B	08/27/15 17:45	ASB		
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	50-32-8	
Benzo(b)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	SW8270D	08/28/15 06:20	PL	90-12-0	

Analytical Laboratory Report

Lab Sample ID: S67762.71
Sample Tag: DC-08 10' (10-12')
Collected Date/Time: 08/25/2015 14:15
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.72
Sample Tag: DC-08 10' (12-14')
Collected Date/Time: 08/25/2015 14:17
Matrix: Soil
COC Reference: 74933

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.73
Sample Tag: DC-08 10' (14-15')
Collected Date/Time: 08/25/2015 14:19
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.74
Sample Tag: DC-08 10' (15-16')
Collected Date/Time: 08/25/2015 14:21
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.75
Sample Tag: DC-9 15' (0-2')
Collected Date/Time: 08/25/2015 14:35
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.76
Sample Tag: DC-9 15' (2-4')
Collected Date/Time: 08/25/2015 14:37
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.77
Sample Tag: DC-9 15' (4-6')
Collected Date/Time: 08/25/2015 14:39
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.78
Sample Tag: DC-9 15' (6-8')
Collected Date/Time: 08/25/2015 14:41
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.79
Sample Tag: DC-9 15' (8-10')
Collected Date/Time: 08/25/2015 14:43
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.80
Sample Tag: DC-9 15' (10-12')
Collected Date/Time: 08/25/2015 14:45
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.81
Sample Tag: DC-9 15' (12-14')
Collected Date/Time: 08/25/2015 14:47
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.82
Sample Tag: DC-9 15' (14-15')
Collected Date/Time: 08/25/2015 14:49
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.83
Sample Tag: DC-9 15' (15-16')
Collected Date/Time: 08/25/2015 14:51
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.84
Sample Tag: DC-9 15' (16-18')
Collected Date/Time: 08/25/2015 14:53
Matrix: Soil
COC Reference: 74934

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.85
Sample Tag: DC-9 15' (18-20')
Collected Date/Time: 08/25/2015 14:55
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.86
Sample Tag: DUP-6
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.87
Sample Tag: DC-10 20' (0-2')
Collected Date/Time: 08/25/2015 15:05
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.88
Sample Tag: DC-10 20' (2-4')
Collected Date/Time: 08/25/2015 15:07
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.89
Sample Tag: DC-10 20' (4-6')
Collected Date/Time: 08/25/2015 15:09
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.90
Sample Tag: DC-10 20' (6-8')
Collected Date/Time: 08/25/2015 15:11
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.91
Sample Tag: DC-10 20' (8-10')
Collected Date/Time: 08/25/2015 15:13
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.92
Sample Tag: DC-10 20' (10-12')
Collected Date/Time: 08/25/2015 15:15
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.93
Sample Tag: DC-10 20' (12-14')
Collected Date/Time: 08/25/2015 15:17
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.94
Sample Tag: DC-10 20' (14-15')
Collected Date/Time: 08/25/2015 15:19
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.95
Sample Tag: DC-10 20' (15-16')
Collected Date/Time: 08/25/2015 15:21
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

Analytical Laboratory Report

Lab Sample ID: S67762.96
Sample Tag: DUP7
Collected Date/Time: 08/25/2015 00:01
Matrix: Soil
COC Reference: 74935

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Tech	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				08/26/15 17:00	KAG		

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C.O.C. PAGE # _____ OF _____

67859

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO: 248.773.7986 FAX NO: 248.924.3108 P.O. NO.:
E-MAIL ADDRESS: sue.graves@ergrp.net QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO: 734.879.9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001 / Racer Davison Rd. LF
SAMPLER(S) - PLEASE PRINT/SIGN NAME: C. Lambert / C. Lambert

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications: ☐ OHIO VAP ☐ Drinking Water ☐ DoD ☐ NPDES

Project Locations: ☐ Detroit ☐ New York ☐ Other _____

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs
67702.01	8/25/15	10:15	DC-01 20' (0-2')	S	1	1							1
.02		10:18	DC-01 20 (2-4')										1
.03		10:20	DC-01 20' (4-6')										1
.04		10:25	DC-01 20' (6-8')										1
.05		10:27	DC-01 20' (8-10')										1
.06		10:30	DC-01 20' (10-12')										1
.07		10:32	DC-01 20' (12-14')										1
.08		10:34	DC-01 20' (14-16')										1
.09		11:00	DC-02 15' (0-2')										1
.10		11:02	DC-02 15' (2-4')										1
.11		11:05	DC-02 15' (4-6')										1
.12		11:07	DC-02 15' (6-7')										1

Hold

All samples kept on ice

PO# 228971
Site # 12920

RELINQUISHED BY: SIGNATURE/ORGANIZATION: C. Lambert GEI ☑ Sampler DATE: 8/26/15 TIME: 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION: DATE: 8/26/15 TIME: 1430
RELINQUISHED BY: SIGNATURE/ORGANIZATION: DATE: TIME:
RECEIVED BY: SIGNATURE/ORGANIZATION: DATE: TIME:

RELINQUISHED BY: SIGNATURE/ORGANIZATION: DATE: 8/26/15 TIME: 15:30
RECEIVED BY: SIGNATURE/ORGANIZATION: DATE: 8/26/15 TIME: 15:30

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS:
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS:

NOTES: TEMP. ON ARRIVAL 3.5

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 1.15.12

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C.O.C. PAGE # _____ OF _____

74929

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248.773.7986 FAX NO.: 248.924.3108 P.O. NO.:
E-MAIL ADDRESS: Sue.graves@erg.net QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave. #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734.579.9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001 / Racer Davison Rd LF
SAMPLER(S) - PLEASE PRINT/SIGN NAME: C. Carlisle / C. Carlisle

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. FOR LAB USE ONLY	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs		Special Instructions
67762.13	8/25/15	11:09	DC-02 15' (7-8')	S	1	1							1	Hold	All samples kept on ice
.14		—	DUP 01										1	Hold	
.15		11:15	DC-02 15' (8-10')										1		
.16		11:17	DC-02 15' (10-12')										1		PO# 228971
.17		11:22	DC-02 15' (12-14')										1		Site # 12920
.18		11:25	DC-02 15' (14-16')										1		
.19		11:35	DC-03 10' (0-2')										1	72 hr TAT	
.20		11:37	DC-03 10' (2-4')										1	72 hr TAT	
.21		11:40	DC-03 10' (4-6')										1	72 HR TAT	
.22		11:42	DC-03 10' (6-8')										1	72 hr TAT	
.23		11:48	DC-03 10' (8-10')										1	72 HR TAT	
.24		11:50	DC-03 10' (10-12')										1	Hold	

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☑ Sampler	DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1430
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 9.26.15	TIME 15:30
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 3.5
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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C.O.C. PAGE # _____ OF _____

74930

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: SVR Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248.773.7986 FAX NO.: 248.924.3108
E-MAIL ADDRESS: SVR.graves@ergrp.net
P.O. NO.:
QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734.879.9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001 Racer Davison Rd LF
SAMPLER(S) - PLEASE PRINT/SIGN NAME: C. Carlisle / C. Carlisle

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. FOR LAB USE ONLY	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs		Special Instructions
167762.25	8/25/15	—	DUP02	S	1	1							1	Hold	All samples kept on ice
.26		11:52	DC-03 10' (12-14')										1		
.27		11:55	DC-03 10' (14-16')										1		
.28		12:05	DC-04 (S02) (0-2')										1	72hr TAT	PO# 228971
.29		12:07	DC-04 (S02) (2-4')										1	72hr TAT	Site# 12920
.30		12:10	DC-04 (S02) (4-6')										1	72 hr TAT	
.31		12:12	DC-04 (S02) (6-8')										1	72 HR TAT	
.32		12:14	DC-04 (S02) (8-10')										1	72 HR TAT	
.33		12:17	DC-04 (S02) (10-12')										1	Hold	
.34		12:19	DC-04 (S02) (12-14')										1	Hold	
.35		12:22	DC-04 (S02) (14-16')										1	Hold	
.36	—	—	DUP03										1	Hold	

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☐ Sampler	DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1431
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 15:31

SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS

NOTES: TEMP. ON ARRIVAL 5.5

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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74931

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248-773-7986 FAX NO.: 248-924-3108
E-MAIL ADDRESS: Sue.graves@ergrp.net
P.O. NO.:
QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave. #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734.879.9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001/Davison Rd. LF-Racer
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Laura Lambert/

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs		Special Instructions
67762.37	8/25/15	12:25	DC-04 (SO2) (16-18')	S	1	1							1	hold	All samples kept on ice.
.38		12:27	DC-04 (SO2) (18-20')										1	hold	
.39		12:40	DC-05 10' (0-2')										1	72 hr TAT	
.40		12:42	DC-05 10' (2-4')										1		PO# 228971
.41		12:45	DC-05 10' (4-6')										1		Site #12920
.42		12:47	DC-05 10' (6-8')										1		
.43		12:50	DC-05 10' (8-10')										1	"	
.44		12:52	DC-05 10' (10-12')										1	Hold	
.45		12:55	DC-05 10' (12-14')										1		
.46		12:57	DC-05 10' (14-15')										1		
.47		12:59	DC-05 10' (15-16')										1		
.48		—	DUP 04										1	"	

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☐ Sampler	DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1830
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8/26/15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 15:30
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 5.5
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12

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Phone (517) 332-0167 Fax (517) 332-4034
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C.O.C. PAGE # _____ OF _____

74932

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Centeroaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248-773-7986 FAX NO.: 248.924.3108 P.O. NO.:
E-MAIL ADDRESS: sue.graves@ergrp.net QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave. #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734.879-9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001/Davison Rd. LF - Racer
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Laura Lambert

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PAHs		
67762.49	8/25/15	13:10	DC-06 15' (0-2')	S	1	1							1	Hold	All Samples Kept on ice.
.50		13:12	DC-06 15' (2-4')										1		
.51		13:15	DC-06 15' (4-6')										1		
.52		13:17	DC-06 15' (6-8')										1		PO# 228971
.53		13:20	DC-06 15' (8-10')										1		Site # 12920
.54		13:22	DC-06 15' (10-12')										1		
.55		13:25	DC-06 15' (12-14')										1		
.56		13:27	DC-06 15' (14-16')										1		
.57		13:40	DC-07-20' (0-2)										1		
.58		13:42	DC-7-20' (2-4)										1		
.59		13:44	DC-7-20 (4-6)										1		
.60		-	DUP-5										1		

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☐ Sampler	DATE 8-26-15	TIME 14:20
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 1455
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 1520
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 5.1
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12

Merit Laboratories, Inc.

2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # _____ OF _____

74933

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248-773-7986 FAX NO.: 248-924-3108
E-MAIL ADDRESS: sue.graves@ergrp.net
P.O. NO.:
QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave. #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734-879-9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001/Davison Rd. LF-Racer
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Laura Lambert

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. FOR LAB USE ONLY	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs		Special Instructions
67762.61	8.25.15	13:46	DC-7-20' (6-8)	S	1	1							1	Hold	All Samples Kept on ice.
.62		13:48	DC-7-20' (8-10)										1		
.63		13:50	DC-7-20' (10-12)										1		
.64		13:52	DC-7-20' (12-14')										1		PO # 228971
.65		13:54	DC-7-20' (14-16)										1		Site # 12920
.66		14:05	DC-8-10' (0-2)										1	72 hr TAT	
.67		14:07	DC-8-10' (2-4')										1		
.68		14:09	DC-8-10' (4-6)										1		
.69		14:11	DC-8-10' (6-8')										1		
.70		14:13	DC-8-10' (8-10')										1		
.71		14:15	DC-8-10' (10-12')										1	Hold	
.72	↓	14:17	DC-8-10' (12-14')	↓	↓	↓							1	Hold	

RELINQUISHED BY: SIGNATURE/ORGANIZATION ☐ Sampler		DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1830
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 15:30
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 5.3
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12

Merit Laboratories, Inc.

2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
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C.O.C. PAGE # _____ OF _____

74934

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
ADDRESS: 28003 Center Oaks Ct. #106
CITY: Wixom STATE: MI ZIP CODE: 48393
PHONE NO.: 248-773-7986 FAX NO.: 248-924-3108
E-MAIL ADDRESS: sue.graves@ergrp.net
P.O. NO.:
QUOTE NO.:

INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
ADDRESS: 500 Woodward Ave. #1510
CITY: Detroit STATE: MI ZIP CODE: 48226
PHONE NO.: 734-879-9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001 / Davison Rd. LF - Racer
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Laura Lambert / LauraL

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

DELIVERABLES REQUIRED ☐ STD ☐ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER _____

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other _____

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	DNAs		
67762.73	8.25.15	14:19	DL-8-10' (14-15')	S	1	1							1	Hold	All samples kept on ice.
.74		14:21	DC-8-10' (15-16')										1		
.75		14:35	DL-9-15' (0-2')										1		
.76		14:37	DL-9-15' (2-4')										1		PO # 228971
.77		14:39	DL-9-15 (4-6)										1		Site # 12920
.78		14:41	DL-9-15' (6-8')										1		
.79		14:43	DL-9-15' (8-10')										1		
.80		14:45	DL-9-15' (10-12')										1		
.81		14:47	DL-9-15 (12-14')										1		
.82		14:49	DL-9-15 (14-15')										1		
.83		14:51	DL-9-15 (15-16')										1		
.84	↓	14:53	DL-9-15 (16-18')	↓	↓	↓							1		

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☑ Sampler	DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 1430
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8/26/15	TIME 1530
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 15:30
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

NOTES: TEMP. ON ARRIVAL 3.5

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

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74935

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Sue Graves
COMPANY: ERG
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PHONE NO.: 248-773-7986 FAX NO.: 248-924-3108
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INVOICE TO

CONTACT NAME: Dave Favero ☐ SAME
COMPANY: Racer
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PHONE NO.: 734-879-9525 E-MAIL ADDRESS: d.favero@racertrust.org

PROJECT NO./NAME: 1119.001 / Davison Rd. LF - Racer
SAMPLER(S) - PLEASE PRINT/SIGN NAME: Laura Lambert / Lambert

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ STANDARD ☐ OTHER _____

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Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	PNAs	
67762.85	8.25.15	14:55	DL 9-15' (18-20')	S	1	1							1	Hold
.86		—	DUP-6										1	
.87		15:05	DL 10-20' (0-2)										1	
.88		15:07	DL-10-20' (2-4)										1	
.89		15:09	DL-10-20' (4-6)										1	
.90		15:11	DL 10-20 (6-8')										1	
.91		15:13	DL-10-20 (8-10')										1	
.92		15:15	DL-10-20 (10-12)										1	
.93		15:17	DL-10-20 (12-14')										1	
.94		15:19	DL-10-20 (14-15')										1	
.95		15:21	DL-10-20 (15-16')										1	
.96	↓	—	DUP 7	↓	↓	↓							1	

All samples kept on ice.

PO# 228971
Site# 12920

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☑ Sampler	DATE 8-26-15	TIME 14:30
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8-26-15	TIME 1930
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 8/26	TIME 1930
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 8.26.15	TIME 15:30
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 5.5
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

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