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Transmitted Via Electronic Mail

Michigan Department of Environmental Quality
Southeast Michigan District Office
Remediation Division
Attn: Rich Berak
27700 Donald Court
Warren, MI 48092

Re: RACER Trust Pontiac EDC Site
65 East University Dr., Pontiac, Michigan
January 2012 Additional Investigation and Well Abandonment Activities

Date:
February 22, 2012

Contact:
Brad A. Saunders, P.E.

Phone:
810.225.1904

Email:
Brad.Saunders@arcadis-us.com

Our ref:
B0064486.2012

Dear Mr. Berak:

The purpose of this letter report is to transmit the results of additional soil investigation and well abandonment activities conducted at the former General Motors Pontiac Employee Development Center (Pontiac EDC) site located at 65 East University Dr. in Pontiac, Michigan. ARCADIS performed investigation activities on January 25, 2012 consistent with the approved excavation work plan, correspondence between RACER/ARCADIS and MDEQ, and in preparation for planned soil remediation activities at the site. In summary, five soil borings (B50-B54) were installed down to 12 feet below ground level (bgl) in areas of known contamination at the site where borings had previously been installed to investigate soil. Two soil borings (B55-B56) were installed down to 12 feet bgl in the vicinity of two former underground hydraulic lifts which were unable to previously be investigated due to constraints posed by the former building structure. In addition, ARCADIS abandoned monitoring wells MW-3, MW-6, MW-7, MW-15, and EW-2 which were located in the vicinity of planned excavation activities. Abandoned wells were pulled as feasible, filled with bentonite and sealed. Figure 9 (attached) is a site map which shows the location of pre-existing and additional investigation points and abandoned wells.

For the five borings (B50-B54) installed in known areas of contamination in the planned excavation zone, soil samples were obtained from the most impacted interval and analyzed for Michigan 10 metals and polychlorinated biphenyls (PCBs). Previous borings installed at these locations were sampled and analyzed for TPH, VOCs and PAHs, but not these contaminants. Because of the location of the contaminants in the soil and high water table, in most instances samples had to be obtained from the saturated zone. Analytical results for samples obtained from borings B50-B54 indicated no detectable presence of PCBs. Six of the ten metals

were detected (arsenic, barium, chromium, copper, lead and zinc) in borings B50-B54, but at low concentrations representative of background and less than Michigan Part 201 Soil Cleanup Criteria. Table 4 (attached) summarizes analytical results of samples taken from borings B50-B54 and analyzed for metals and PCBs. Table 4 also summarizes previously installed borings at the same locations from which samples were obtained and analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and polynuclear aromatic hydrocarbons (PAHs). In summary, results indicate that metals and PCBs are not contaminants of concern at the site, as exceedances of additional parameters were not realized beyond the exceedances of VOCs and PAHs which are driving planned remedial activities.

For the two borings (B55-B56) installed at the two previously un-investigated hydraulic lift locations, soils were screened and samples were obtained from the most impacted interval (if applicable) or the location immediately above the saturated zone. Samples were analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), PCBs, and Michigan 10 metals. These results are also included in Table 4. No VOCs, PAHs or PCBs were detected in either of the samples. The same six metals were detected as in the other samples, but again at low concentrations representative of background and less than Michigan Part 201 Soil Cleanup Criteria. TPH was detected at 7,274 mg/kg in the sample obtained from Boring B56, indicating the potential increased presence of petroleum hydrocarbons at this location. However, observations in the borehole down to 12 feet bgl did not indicate the presence of staining or odor, and no VOCs or PAHs were detected. It is possible that the sample and duplicate contained pieces of asphalt which were mixed in with soil during re-grading activities adjacent to the former basement.

For reference, also attached are boring logs and the laboratory analytical data reports applicable to the additional investigation activities.

In summary, results indicate that neither PCBs nor metals are contaminants of concern at the Site. As such, we propose to not further investigate these parameters or add these parameters to the list of parameters tested to confirm excavation results. Furthermore, results from investigation of the two previously un-investigated hydraulic lifts do not result in exceedances of Michigan Part 201 criteria. Therefore, expansion of the planned excavation area is not proposed.

Please contact me at Brad.Saunders@arcadis-us.com or (810) 225-1904 with any questions for other related project correspondence.

Sincerely,

ARCADIS U.S., Inc.

Brad Saunders, P.E.
Principal Engineer

cc: Dave Favero, RACER Trust

Attachments:

- Figure 9: Additional Investigation Locations Map
- Table 4: Additional Investigation and Comparison Soil Analytical Data
- Additional Investigation Boring Logs
- Laboratory Analytical Report

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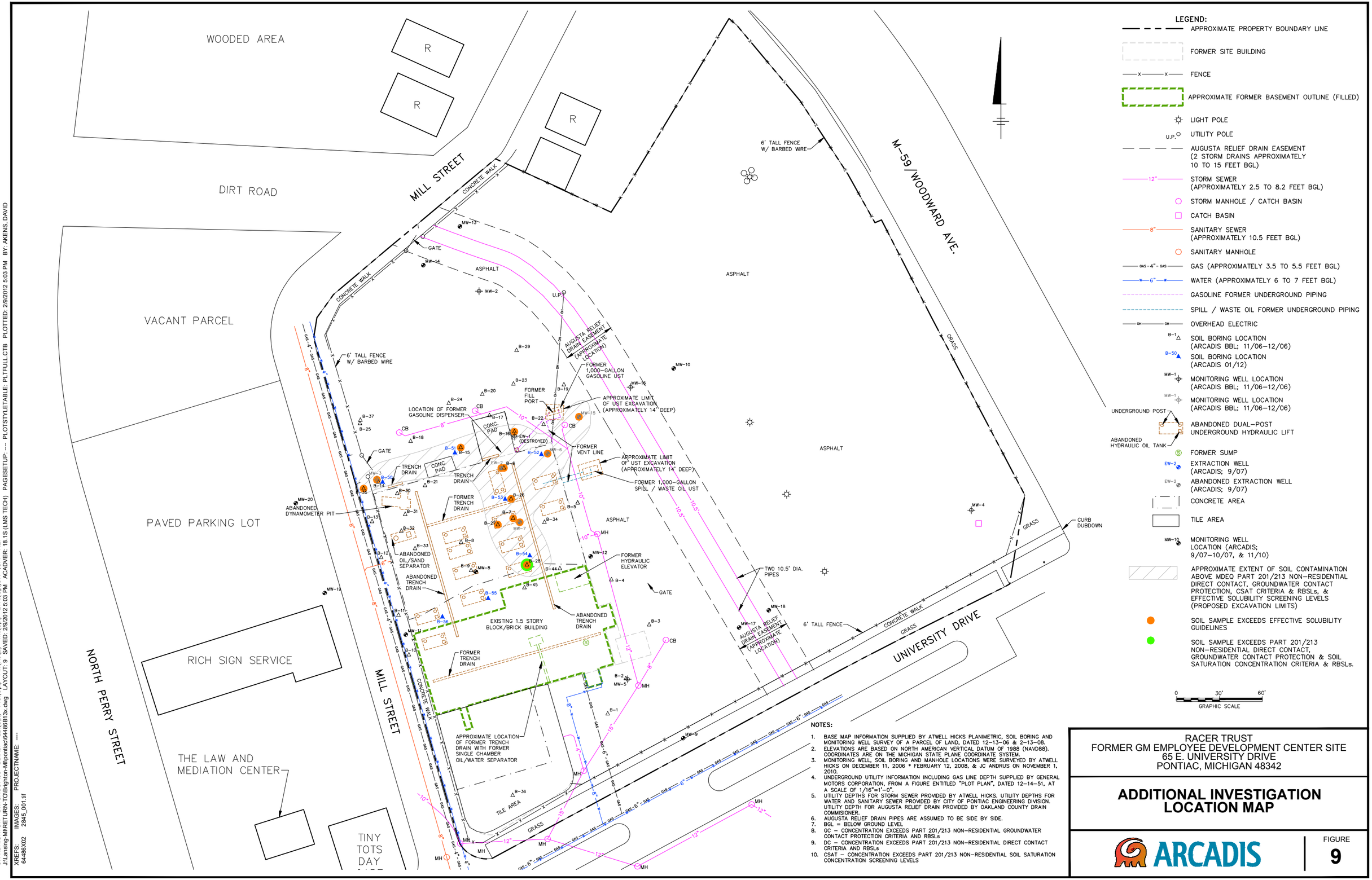
Attachment

Figure 9: Additional Investigation Locations Map



NOTES:

1. BASE MAP INFORMATION SUPPLIED BY ATWELL HICKS PLANIMETRIC, SOIL BORING AND MONITORING WELL SURVEY OF A PARCEL OF LAND, DATED 12-13-06 & 2-13-08.
2. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). COORDINATES ARE ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM.
3. MONITORING WELL, SOIL BORING AND MANHOLE LOCATIONS WERE SURVEYED BY ATWELL HICKS ON DECEMBER 11, 2006 * FEBRUARY 12, 2008, & JC ANDRUS ON NOVEMBER 1, 2010.
4. UNDERGROUND UTILITY INFORMATION INCLUDING GAS LINE DEPTH SUPPLIED BY GENERAL MOTORS CORPORATION, FROM A FIGURE ENTITLED "PLOT PLAN", DATED 12-14-51, AT A SCALE OF 1/16"=1'-0".
5. UTILITY DEPTHS FOR STORM SEWER PROVIDED BY ATWELL HICKS. UTILITY DEPTHS FOR WATER AND SANITARY SEWER PROVIDED BY CITY OF PONTIAC ENGINEERING DIVISION. UTILITY DEPTH FOR AUGUSTA RELIEF DRAIN PROVIDED BY OAKLAND COUNTY DRAIN COMMISIONER.
6. AUGUSTA RELIEF DRAIN PIPES ARE ASSUMED TO BE SIDE BY SIDE.
7. BGL = BELOW GROUND LEVEL
8. GC - CONCENTRATION EXCEEDS PART 201/213 NON-RESIDENTIAL GROUNDWATER CONTACT PROTECTION CRITERIA AND RBSLs
9. DC - CONCENTRATION EXCEEDS PART 201/213 NON-RESIDENTIAL DIRECT CONTACT CRITERIA AND RBSLs
10. CSAT - CONCENTRATION EXCEEDS PART 201/213 NON-RESIDENTIAL SOIL SATURATION CONCENTRATION SCREENING LEVELS

RACER TRUST
FORMER GM EMPLOYEE DEVELOPMENT CENTER SITE
65 E. UNIVERSITY DRIVE
PONTIAC, MICHIGAN 48342

ADDITIONAL INVESTIGATION LOCATION MAP

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FIGURE 9

CITY:BRIGHTON DIV/GROUP:85 DB:ADF LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
J:\Lansing-MI\RETURN-TO\Brighton-Mf\pontiac\64486B13x.dwg LAYOUT: 9 SAVED: 2/9/2012 5:03 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/9/2012 5:03 PM BY: AKENS, DAVID
XREFS: 64486X02 IMAGES: 2845_001.tif PROJECTNAME: ----

Attachment

Table 4: Additional Investigation and Comparison Soil Analytical Data

TABLE 4
FORMER GM EMPLOYEE DEVELOPMENT CENTER
65 EAST UNIVERSITY
PONTIAC, MICHIGAN
ADDITIONAL INVESTIGATION AND COMPARISON SOIL ANALYTICAL DATA

Sample ID:	Units	Michigan Department of Environmental Quality Part 201/213 Non-Residential Soil Cleanup Criteria and Risk Based Screening Levels					B-50 Re-Occupy of Boring B-14 - Outside NW Corner of Building - Trench & Dyno Pit	B-14 Outside NW Corner of Building - Trench & Dyno Pit	B-51 Re-Occupy ob Boring B-15 - Outside North Side of Building - Trench	B-15 Outside North Side of Building - Trench	B-52 Re-Occupy of Boring MW-6 - Inside - Northeastern Corner of Northern-most Classroom, East Side of Building	MW-6 Inside - Northeastern Corner of Northern-most Classroom, East Side of Building	DUPE-1(MW-6)	MW-6 Inside - Northeastern Corner of Northern-most Classroom, East Side of Building	B-53 Re-Occupy of Boring B-26 - Inside - Middle of East Garage Between Wells MW-7 & EW-2	B-26 Inside - Middle of East Garage Between Wells MW-7 & EW-2	B-26 Inside - Middle of East Garage Between Wells MW-7 & EW-2	B-54 Re-Occupy of Boring B-28 - Inside - Two Rooms South of East Garage, East Side of Room	B-28 Inside - Two Rooms South of East Garage, East Side of Room	B-28 Inside - Two Rooms South of East Garage, East Side of Room	B-55 Former Lift Location (eastern-most)	B-56 Former Lift Location (western-most)	DUP-1 (B-56)
Date Collected:							1/25/2012	11/6/2006	1/25/2012	11/6/2006	1/25/2012	9/13/2007	9/13/2007	9/13/2007	1/25/2012	9/11/2007	9/11/2007	1/25/2012	9/11/2007	9/11/2007	1/25/2011	1/25/2011	1/25/2011
Sample Depth (feet bgl):		Drinking Water Protection	Groundwater Surface Water Interface	Indoor Air	Ambient Air	Direct Contact Criteria	6-8'	5-7'	6-7'	6-8'	4-5'	0-2'	0-2'	6-8'	7-8'	0-2'	6-8'	4-5'	0-2'	8-10'	1-3'	4-5'	4-5'
Analytical Parameter																							
TPH (EPA Method 418.1/1664A)	mg/kg	none	none	none	none	none	NS	1,000	NS	710	NS	NA	NA	NA	NS	NA	NA	NS	NA	NA	40	7,274	7,767
PAHs (EPA Method 8310/8270C)																							
1-Methylnaphthalene	ug/kg	none	none	none	none	none	NS	57	NS	400	NS	<300	<300	400	NS	<300	<300	NS	<300	2,600	<300	<600	<600
2-Methylnaphthalene	ug/kg	1.7E+05	4,200	4.9E+06	1.8E+06	2.6E+07	NS	110	NS	760	NS	<300	<300	1,000	NS	<300	<300	NS	<300	**4,600**	<300	<600	<600
Acenaphthene	ug/kg	8.8E+05	8,700	3.5E+08	9.7E+07	1.3E+08	NS	15	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Acenaphthylene	ug/kg	17,000	ID	3.0E+06	2.7E+06	5.2E+06	NS	< 12	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Anthracene	ug/kg	41,000	ID	1.0E+09	1.6E+09	7.3E+08	NS	15	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Benz(a)anthracene	ug/kg	NLL	NLL	NLV	NLV	80,000	NS	58	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Benzo(a)pyrene	ug/kg	NLL	NLL	NLV	NLV	8,000	NS	62	NS	20	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Benzo(b)fluoranthene	ug/kg	NLL	NLL	NLV	NLV	80,000	NS	34	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Benzo(g,h,i)perylene	ug/kg	NLL	NLL	NLV	NLV	7.0E+06	NS	59	NS	38	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Benzo(k)fluoranthene	ug/kg	NLL	NLL	NLV	NLV	8.0E+05	NS	22	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Chrysene	ug/kg	NLL	NLL	ID	ID	8.0E+06	NS	51	NS	20	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Dibenzo(a,h)anthracene	ug/kg	NLL	NLL	NLV	NLV	8,000	NS	17	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Fluoranthene	ug/kg	7.3E+05	5,500	1.0E+09	8.9E+08	1.3E+08	NS	85	NS	20	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Fluorene	ug/kg	8.9E+05	5,300	1.0E+09	1.5E+08	8.7E+07	NS	< 12	NS	< 12	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Indeno(1,2,3-cd)pyrene	ug/kg	NLL	NLL	NLV	NLV	80,000	NS	36	NS	13	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Naphthalene	ug/kg	1.0E+05	730	4.7E+05	3.0E+05	5.2E+07	NS	52	NS	**780**	NS	<300	<300	600	NS	<300	<300	NS	<300	**3,900**	<300	<600	<600
Phenanthrene	ug/kg	1.6E+05	2,100	5.1E+06	1.9E+05	5.2E+06	NS	87	NS	51	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Pyrene	ug/kg	4.8E+05	ID	1.0E+09 (D)	7.8E+08	8.4E+07	NS	100	NS	42	NS	<300	<300	<300	NS	<300	<300	NS	<300	<400	<300	<600	<600
Other Target PAHs	ug/kg	various	various	various	various	various	NS	ND	NS	ND	NS	ND	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	ND
VOCs (EPA Method 8260B)																							
1,1,1-Trichloroethane	ug/kg	4,000	1,800	4.6E+05	4.6E+05	4.6E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,1,2,2-Tetrachloroethane	ug/kg	700	1,600 (X)	23,000	34,000	2.4E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,1,2-Trichloroethane	ug/kg	100	6,600 (X)	24,000	57,000	8.4E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<3000	<60	<80	<80
1,1-Dichloroethane	ug/kg	50,000	15,000	4.3E+05	2.5E+06	8.9E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,1-Dichloroethene	ug/kg	140	2,600	330	3,700	5.7E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,2,3-Trimethylbenzene	ug/kg	none	none	none	none	none		<6		<6.2		<100	<100	2,000		<100	400		100	42,000	<100	<200	<200
1,2,4-Trimethylbenzene	ug/kg	2,100	570	1.1E+05	2.5E+07	1.10E+05	NS	NA	NS	NA	NS	<100	<100	**9,000**	NS	<100	<100	NS	500	**200,000**	<100	<100	<100
1,2-Dichloroethane	ug/kg	100	7,200 (X)	2,100	6,200	91,000	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,2-Dichloropropane	ug/kg	100	4,600 (X)	7,400	30,000	5.5E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
1,3,5-Trimethylbenzene	ug/kg	1,800	1,100	94,000	1.9E+07	94,000	NS	NA	NS	NA	NS	<100	<100	**3,000**	NS	<100	<100	NS	200	**75,000**	<100	<200	<200
2-Butanone	ug/kg	7.6E+05	44,000	2.7E+07	3.5E+07	2.7E+07	NS	<24	NS	<25	NS	<60	<60	900	NS	<900	<900	NS	<800	<20000	<960	<1200	<1200
2-Hexanone	ug/kg	58,000	ID	1.8E+06	1.3E+06	2.5E+06	NS	<12	NS	<12	NS	<60	<60	<600	NS	<3000	<3000	NS	<3000	<50000	<3000	<4000	<4000
2-Methylnaphthalene	ug/kg	1.7E+05	4,200	4.9E+06	1.8E+06	2.6E+07	NS	<12	NS	<12	NS	<900	<900	<9000	NS	<400	<400	NS	<400	**14,000**	<400	<550	<550
4-Methyl-2-pentanone	ug/kg	1.5E+05	ID	2.7E+06	5.3E+07	2.7E+06	NS	<12	NS	<12	NS	<3000	<3000	<30000	NS	<3000	<3000	NS	<3000	<50000	<3000	<4000	<4000
Acetone	ug/kg	42,000	34,000	1.1E+08	1.6E+08	7.3E+07	NS	<120	NS	<120	NS	<400	<400	<4000	NS	<1000	<1000	NS	<1000	<20000	<1000	<2000	<2000
Benzene	ug/kg	100	4,000 (X)	8,400	45,000	4.0E+05	NS	< 6	NS	< 6.2	NS	<3000	<3000	<30000	NS	<60	**8,100**	NS	<50	**2,000**	<60	<80	<80
Bromodichloromethane	ug/kg	1,600 (W)	ID	6,400	31,000	4.9E+05	NS	<6	NS	<6.2	NS	<1000	<1000	<10000	NS	<100	<100	NS	<100	<2000	<100	<200	<200
Bromoform	ug/kg	1,600 (W)	ID	7.7E+05	3.1E+06	8.7E+05	NS	<6	NS	<6.2	NS	<60	<60	**14,900**	NS	<100	<100	NS	<100	<2000	<100	<200	<200
Bromomethane	ug/kg	580	700	1,600	13,000	1.0E+06	NS	<12	NS	<12	NS	<100	<100	<1000	NS	<200	<200	NS	<200	<4000	<300	<300	<300
n-Butylbenzene	ug/kg	4,600	ID	ID	ID	8.00E+06	NS	NA	NS	NA	NS	<100	<100	<1000	NS	<60	120	NS	<50	**22,000**	<60	<80	<80
sec-Butylbenzene	ug/kg	4,600	ID	ID	ID	8.00E+06	NS	NA	NS	NA	NS	<200	<200	<2000	NS	<60	<60	NS	<50	4,000	<60	<80	<80
Carbon disulfide	ug/kg	46,000	ID	1.4E+05	1.6E+06	2.8E+05 (C,DD)	NS	< 6	NS	< 6.2	NS	<300	<300	<3000	NS	<300	<300	NS	<300	<5000	<300	<400	<400
Carbon tetrachloride	ug/kg	100	900 (X)	990	12,000	3.9E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Chlorobenzene	ug/kg	2,000	500	2.2E+05	9.2E+05	2.6E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Chloroethane	ug/kg	34,000	22,000 (X)	9.5E+05	3.6E+07	9.5E+05	NS	<12	NS	<12	NS	<300	<300	<3000	NS	<300	<300	NS	<300	<5000	<300	<400	<400
Chloroform	ug/kg	1,600 (W)	7,000	38,000	1.5E+05	1.5E+06	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Chloromethane	ug/kg	22,000	ID	10,000	1.2E+05	1.1E+06	NS	<12	NS	<12	NS	<300	<300	<3000	NS	<300	<300	NS	<300	<5000	<300	<400	<400
Dibromochloromethane	ug/kg	4,600	ID	21,000	80,000	5.0E+05	NS	<6	NS	<6.2	NS	<100	<100	<1000	NS	<100	<100	NS	<100	<2000	<100	<200	<200
Ethylbenzene	ug/kg	1,500	360	1.4E+05	2.4E+06	1.4E+05	NS	**3,500**	NS	**20,000**	NS	<60	<60	**9,500**	NS	<60	**2,500**	NS	**460**	**63,000**	<60	<80	<80
p-Isopropyltoluene	ug/kg	2.6E+06	3,200	3.9E+06	2.0E+06	3.9E+05	NS	NA	NS	NA	NS	<300	<300	<3000	NS	<100	<100	NS	<100	<2000	<100	<200	<200
n-Propylbenzene	ug/kg	4,600	ID	ID	ID	8.0E+06	NS	NA	NS	NA	NS	<400	<400	<4000	NS	<100	300	NS	100	**22,000**	<100	<200	<200
Methylene chloride	ug/kg	100	30,000 (X)	2.4E+05	7.0E+05	2.3E+06	NS	9.6	NS	6.2	NS	<100	<100	2,000	NS	<100	<100	NS	<100	<2000	<100	<200	<200
Naphthalene	ug/kg	1.0E+05	730	4.7E+05	3.0E+05	5.2E+07	NS	NA	NS	NA	NS	<100	<100	<1000	NS	<400	<400	NS	<400	**18,000**	<400	<550	<550
Styrene	ug/kg	2,700	2,100 (X)	5.2E+05	3.3E+05	5.2E+05	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<5000	<60	<80	<80
Tetrachloroethene	ug/kg	100	1,200 (X)	60,000	6.0E+05	88,000	NS	33	NS	< 6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Toluene	ug/kg	16,000	5,400	2.5E+05	3.3E+06	2.5E+05	NS	14	NS	**21,000**	NS	<100	<100	**37,000**	NS	<100	<100	NS	<100	**104,000**	<100	<200	<200
Trichloroethene	ug/kg	100	4,000 (X)	37,000	2.6E+05	5.0E+05	NS	< 6	NS	14	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Vinyl chloride	ug/kg	40	260 (X)	2,800	29,000	34,000	NS	<12	NS	<12	NS	<60	<60	**800**	NS	<60	<60	NS	<50	<1000	<40	<40	<40
cis-1,2-Dichloroethene	ug/kg	1,400	12,000	41,000	2.10E+05	6.4E+05	NS	< 6	NS	< 6.2	NS	<60	<60	**1,700**	NS	<60	<60	NS	<50	<1000	<60	<80	<80
cis-1,3-Dichloropropene	ug/kg	none	none	none	none	none	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
m,p-Xylene	ug/kg	none	none	none	none	none	NS	8,000	NS	65,000	NS	100	<100	31,000	NS	<100	4,300	NS	1500	291,000	<100	<200	<200
o-Xylene	ug/kg	none	none	none	none	none	NS	220	NS	20,000	NS	<60	<60	10,700	NS	<60	640	NS	240	149,000	<60	<80	<80
trans-1,2-Dichloroethene	ug/kg	2,000	30,000 (X)	43,000	3.30E+05	1.4E+06	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
trans-1,3-Dichloropropene	ug/kg	none	none	none	none	none	NS	<6	NS	<6.2	NS	<60	<60	<600	NS	<60	<60	NS	<50	<1000	<60	<80	<80
Xylenes, Total	ug/kg	5,600	820	1.5E+05	5.4E+07	1.5E+05	NS	**8,220**	NS	**85,000**	NS	<160	<160	**41,700**	NS	<160	**4,940**	NS	**1,740**	**440,000**	<160	<280	<280
1,2-Dichloroethene (total)	ug/kg	100	7,200 (X)	11,000	21,000	4.2E+05	NS	< 6	NS	< 6.2	NS	NA	NA	NA	NS	NA	NA	NS	NA	NA	NA	NA	NA
Other Target VOCs	ug/kg	various	various	various	various	various	NS	ND	NS	ND	NS	ND	ND	ND	NS	ND	ND	NS	ND	7,000	ND	ND	ND

TABLE 4
FORMER GM EMPLOYEE DEVELOPMENT CENTER
65 EAST UNIVERSITY
PONTIAC, MICHIGAN
ADDITIONAL INVESTIGATION AND COMPARISON SOIL ANALYTICAL DATA

MTBE (EPA Method 8021B/8260B)	ug/kg	800	1.4E+05	5.9E+06 (C)	3.0E+07	5.9E+06	NS	340	NS	**4,200**	NS	<200	<200	<30000	NS	<200	<200	NS	<200	<4000	<300	<300	<300
Total Metals (EPA Method 6010B/6020)																							
Arsenic	mg/kg	4.6	4.6	NLV	910	37	2.70	NA	0.28	NA	2.88	NA	NA	NA	0.85	NA	NA	1.32	NA	NA	4.09	0.69	0.53
Barium	mg/kg	1,300	440	NLV	1.5E+05	1.3E+05	6.74	NA	3.16	NA	10.50	NA	NA	NA	4.30	NA	NA	24.6	NA	NA	40.1	7.90	7.05
Cadmium	mg/kg	6	3	NLV	2,200	2,100	<0.20	NA	<0.20	NA	<0.20	NA	NA	NA	<0.20	NA	NA	<0.20	NA	NA	<0.20	<0.20	<0.20
Chromium (Trivalent)	mg/kg	1.0E+06	2.9E+6	NLV	1.5E+05	1.0E+06	1.42	NA	0.91	NA	2.79	NA	NA	NA	1.29	NA	NA	3.29	NA	NA	7.76	1.25	1.26
Copper	mg/kg	5,800	75	NLV	59,000	73,000	4.56	NA	3.13	NA	6.09	NA	NA	NA	3.58	NA	NA	10.2	NA	NA	11.4	2.72	2.89
Lead	mg/kg	700	2,500	NLV	NLV	900 (DD)	2.90	9.82	5.07	11.5	2.67	7.1	7.8	4.5	10.40	7.0	9.0	4.41	18.8	3.1	11.6	2.12	2.00
Mercury **(7471A)**	mg/kg	1.7	0.05	89	62	580	<0.050	NA	<0.050	NA	<0.050	NA	NA	NA	<0.050	NA	NA	<0.050	NA	NA	<0.050	<0.050	<0.050
Selenium	mg/kg	4	0.4	NLV	59,000	9,600	<0.4	NA	<0.4	NA	<0.4	NA	NA	NA	<0.4	NA	NA	<0.4	NA	NA	<0.4	<0.4	<0.4
Silver	mg/kg	13	0.1	NLV	2,900	9,000	<0.1	NA	<0.1	NA	<0.1	NA	NA	NA	<0.1	NA	NA	<0.1	NA	NA	<0.1	<0.1	<0.1
Zinc	mg/kg	5,000	170	NLV	NLV	6.3E+5	9.51	NA	5.46	NA	12.8	NA	NA	NA	7.43	NA	NA	20.7	NA	NA	28.4	5.21	6.57
PCBs (EPA Method 8082)																							
PCBs, Total	ug/kg	NLL	NLL	1.6E+07	8.1E+05	(T)	<1,000	<33	<330	<500	<330	NA	NA	NA	<330	NA	NA	<330	NA	NA	<330	<330	<330

Notes: See Last Page

TABLE 2a and 2b NOTES

FORMER GM EMPLOYEE DEVELOPMENT CENTER
65 EAST UNIVERSITY
PONTIAC, MI

Notes:

Exceedances: Cleanup Criteria and Risk Based Screening Level Exceedances are bold .
Samples with TPH results greater than 100 mg/kg were analyzed for PAHs.

bgl: below ground level

J: Estimated value between method detection limit and practical quantitation limit.

NS: Not sampled.

ND / <: Not detected / <detection limit

NA: Not analyzed.

Soil Cleanup Criteria: - Part 201 (Environmental Remediation) and Part 213 (Leaking Underground Storage Tanks) of the Michigan Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451 (Revised March 25, 2011). Referenced are Non-Residential Cleanup Criteria and Screening Levels
- Groundwater Protection Criteria: Lowest value of Drinking Water Protection Criteria (DW), Groundwater/Surface Water Interface Protection Criteria (GSIP), and Groundwater Contact Protection Criteria (GWC).
- Indoor Air: Soil Volatilization to Indoor Air Inhalation Criteria.
Ambient Air: Lowest Value of Infinite Source Volatile Soil Inhalation Criteria, Finite Source 2,5 Meter Thickness, and Particulate Soil Inhalation Criteria.
- Direct Contact: Lowest Value of Direct Contact Criteria and Soil Saturation Concentration Screening Levels.
Effective Solubility Screening Levels were obtained from the Effective Solubility Workgroup Report of Findings, dated February 28, 2008

(C): Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat. Concentrations greater than Csat are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase material containing a hazardous substance is not present.

{G} = Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. A value of 150 mg/L was used to calculate the GSI protection criteria value based on MDEQ Remediation Division, Operational Memorandum No. 5.

{X} = The GSI criterion shown is not protective for surface water that is used as a drinking water source. For groundwater discharges to the Great Lakes and their connecting waters or discharges in close proximity to water supply intake(s) in inland surface waters, the generic GSI criterion is the Surface Water Human Drinking Water Value (HDV) listed in the table below except for those HDV indicted with an asterisk. For HDV with an asterisk, the generic GSI criterion is the lesser of the HDV, the WV and the calculated FCV (see formulas in footnote {G}). Soil protection criteria based on the HDV are listed below except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk are the greater of the 20 X GSI and GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

{DD}= Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.

Attachment

Additional Investigation Boring Logs

Date Start/Finish: 1-25-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: Enter Rig Type Here

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-50**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
					0.1			(0-0.6) ASPHALT	
								(0.6-1.5) SAND; very fine to fine, trace small pebble, angular, poorly sorted; dry, very dark brown (10YR 2/2).	
					0.0			(1.5-2.5) SILT; little clay, low plasticity; dry, soft, light olive brown (2.5Y 5/4).	
		1	0-5	5.0	0.0			(2.5-6) CLAY; high plasticity; moist, medium stiff, dark grayish brown (2.5Y 4/2).	
					0.3				
					2.8				
5	-5				0.1				
		2	5-8	2.6	31.1			(6-8) SAND; very fine to fine, some silt, little clay, trace granule, subrounded to subangular, poorly sorted; wet, dark gray (10YR 4/1). NOTE: odor and staining, black (10YR 2/1), from 7-8' bgs.	Borehole backfilled with bentonite.
					54.8				
					0.2			(8-12) SAND; very fine to coarse, trace granule, subrounded to subangular, trace clay, poorly sorted; wet, dark gray (10YR 4/1).	
10	-10	3	8-12	2.6	0.0				
					0.0				
					0.6				
								End of boring at 12' bgs.	
15	-15								

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 6' bgs
Soil samples collected at (5-6' bgs) and (6-8' bgs)

Date Start/Finish: 1-25-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-51**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
					1.1			(0-0.4) ASPHALT	
								(0.4-1) SILT; little clay, low plasticity; dry, soft, light olive brown (2.5Y 5/4).	
					0.8			(1-6) CLAY; high plasticity; moist, soft, dark grayish brown (2.5Y 4/2).	
		1	0-5	5.0	0.7				
					0.5				
					0.9				
5	-5							NOTE: wet at 5' bgs.	
					0.5				
		2	5-8	3.5	494			(6-7.5) SAND; very fine to fine, some silt, poorly sorted; wet, dark gray (10YR 4/1).	Borehole backfilled with bentonite.
								NOTE: odor and staining, black (10YR 2/1), from 6-7' bgs.	
					44.4			(7.5-8) CLAY; some silt, high plasticity, rapid dilatancy; wet, soft, gray (2.5Y 5/1).	
								(8-12) SILT; some clay, rapid dilatancy, trace sand, very fine to fine; wet, gray (2.5Y 5/1).	
					15.4				
10	-10	3	8-12	2.5					
					7.4				
								End of boring at 12' bgs.	
15	-15								

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 5' bgs
Soil samples collected at (6-7' bgs)

Date Start/Finish: 1-25-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-52**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
					0.4			(0-0.4) CONCRETE	
					0.2			(0.4-4.5) CLAY; medium plasticity, trace granule, subrounded to subangular; dry, stiff, yellowish brown (10YR 5/4).	
		1	0-5	5.0	0.8				
					4.1				
					148.1			NOTE: odor and color change to very dark gray (5Y 3/1) from 4-6' bgs.	
5	-5							(4.5-7) SILT; some clay, little sand, very fine to medium, trace granule to small pebble, subrounded to subangular; wet, olive gray (5Y 4/2).	
					10.0				Borehole backfilled with bentonite.
		2	5-8	3.5	11.4				
					29.6			(7-12) CLAY; medium plasticity, trace small to large pebble, subrounded to subangular, trace silt; moist, dark gray (2.5Y 4/1).	
					9.1			NOTE: sand layer from 7.5-8' bgs, very fine to coarse, little clay, trace silt, trace small to large pebbles, subrounded to subangular, poorly sorted; wet, dark gray (2.5Y 4/1)	
					2.7				
10	-10	3	8-12	2.5					
					0.5				
					0.3				
								End of boring at 12' bgs.	
15	-15								

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 4.5' bgs
Soil samples collected at 4-5' bgs and 7-8' bgs
No staining observed

Date Start/Finish: 1-25-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-53**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
					0.8			(0-0.8) CONCRETE	
					0.9			(0.8-1.5) CLAY; medium plasticity, little sand, fine to very coarse; moist, soft, dark grayish brown (2.5Y 4/2)	
		1	0-5	5.0	1.2			(1.5-2) SAND; very fine to medium, some clay, poorly sorted; wet, very dark brown (10YR 2/2).	
					0.7			(2-7.5) CLAY; high plasticity; moist, medium stiff, dark grayish brown (2.5Y 4/2).	
5	-5				1.1				
					0.9				Borehole backfilled with bentonite.
		2	5-8	3.0	1.7				
					554.1			NOTE: odor from 7.5-10' bgs	
					277.9			(7.5-9) SAND; some silt, very fine to fine, poorly sorted; wet, gray (10YR 5/1). NOTE: staining, very dark gray (10YR 3/1), from 8-9' bgs.	
					51.5			(9-12) SILT; little clay, rapid dilatancy; wet, soft, grayish brown (10YR 5/2).	
10	-10	3	8-12	3.3	113.0				
					13.0				
								End of boring at 12' bgs.	
15	-15								

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 1.5' bgs
Soil sample collected at 7-8 bgs

Date Start/Finish: 1-26-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-54**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
					0.1			(0-0.7) CONCRETE	
								(0.7-1) CLAY; low plasticity, little sand, medium; moist, medium stiff, yellowish brown (10YR 5/6).	
					0.3			(1-5) CLAY; medium plasticity, trace sand, medium; dry to moist, medium stiff, dark yellowish brown (10YR 4/4).	
		1	0-5	5.0	0.2				
					29.9			NOTE: odor from 3.5 to 10' bgs.	
					398.8				
5	-5								
					113.7			(5-8) SILT; little sand, very fine to medium, trace granule, subrounded to subangular, rapid dilatancy; wet, dark grayish brown (2.5Y 4/2).	
		2	5-8	2.6	58.3				
					73.3				
								(8-12) CLAY; some silt, low to medium plasticity, little small to large pebbles, subrounded; moist, stiff, dark gray (2.5Y 4/1).	
					104.9				
10	-10	3	8-12	2.3					
					20.0				
								End of boring at 12' bgs.	
15	-15								

Borehole backfilled with bentonite.

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 5' bgs
Soil sample collected at 4-5 and 8-10 bgs
No staining observed

Date Start/Finish: 1-26-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-55**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
		1	0-5	5.0	3.4			(0-0.3) GRAVEL	
					2.9			(0.4-3) CLAY; high plasticity, little silt; dry to moist, soft, light olive brown (2.5Y 5/3).	
					2.5				
					0.3			(3-7.5) SAND; fine to medium, trace small pebble, subrounded to subangular, trace clay, poorly sorted; wet, very dark brown (10YR 2/2).	
					0.4			NOTE: wet at 4' bgs.	
5	-5	2	5-8	2.6	0.1				Borehole backfilled with bentonite.
					0.2			(7.5-11) CLAY; some silt, medium plasticity, trace sand, very fine to medium, rapid dilatancy; wet, yellowish brown (10YR 5/4).	
					0.1				
10	-10	3	8-12	2.3	1.9				
					2.0			(11-12) SAND; very fine to fine, well sorted; wet, light brownish gray (10YR 6/2).	
								End of boring at 12' bgs.	
15	-15								

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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 4' bgs
Soil sample collected at 1-3' bgs
No odor or staining observed

Date Start/Finish: 1-26-12
Drilling Company: Terra Probe Environmental
Driller's Name: S. Bishoff
Drilling Method: Hand Auger/Geoprobe
Sampling Method: Hand Auger/Macrocore
Rig Type: NA

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 12' bgs
Surface Elevation: NA

Descriptions By: Christine Snyder

Well/Boring ID: **B-56**

Client: RACER Trust

Location: Former GM Employee Development Center Site
65 E. University Drive
Pontiac, MI 48342

DEPTH	ELEVATION	Sample Run Number	Sample Interval (feet)	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	0								
		1	0-5	5.0	0.2 0.1 2.0 0.2			(0-0.4) CONCRETE; rebar. (0.4-4) CLAY; medium plasticity, little sand, very fine to fine, trace silt; moist, medium stiff to soft, dark grayish brown (10YR 4/2).	
					0.1	X		(4-5) SAND, fine to medium, well sorted; dry to moist, yellowish brown (10YR 5/4).	
5	-5	2	5-8	2.6	0.1 0.1			(5-10) SAND; very fine to medium, little silt, trace clay, poorly sorted; moist to wet, yellowish brown (10YR 5/4). NOTE: 3" silt and clay layers, medium plasticity, rapid dilatancy; wet, grayish brown (2.5Y 5/2)	Borehole backfilled with bentonite.
		3	8-12	2.3	0.0 0.3 0.2 0.3			(10-12) CLAY; some silt, medium plasticity, low to no dilatancy; moist, medium stiff, brown (7.5YR 5/3).	
10	-10								
15	-15							End of boring at 12' bgs.	

ARCADIS
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Remarks: BGS = Below ground surface

Hand auger to 5' bgs
Groundwater encountered at 5' bgs
Soil sample collected at 4-5' bgs
No odor or staining observed

Attachment

Laboratory Analytical Report

Analytical Laboratory Report

Revised Report

Report ID: S51439.01(02)
Generated on 02/08/2012
Replaces report S51439.01(01) generated on 02/07/2012

Report to

Attention: Brad Saunders
Arcadis
10559 Citation Drive
Suite 100
Brighton, MI 48116

Phone: 810-229-8594 FAX: 810-229-8837
Email: brad.saunders@arcadis-us.com

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

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

Report Summary

Lab Sample ID(s): S51439.01-S51439.15
Project: B0064486.2011.00003
Collected Date: 01/25/2012 - 01/26/2012
Submitted Date/Time: 01/27/2012 10:00
Sampled by: Christine Snyder
P.O. #: PO124276

reporting limits lowered for selenium 0.4 mg/kg, silver 0.1 mg/kg, and vinyl chloride 40 ug/kg

Report Notes

Results relate only to items tested as received by the 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 RL.
Samples are held by the lab for 30 days from the sample submittal date unless a written request to hold longer is provided by the client.

Laboratory Certifications:
Michigan DNRE (#9956), DOD/ISO 17025 (#L11-184), WBENC (#2005110032)
Ohio EPA (#CL0002), IN Drinking Water (#C-MI-07), NELAC NY (#11814), NELAC FL (#E871045)
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak
Laboratory Director

Sample Summary (15 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S51439.01	B-50 012512 (5-6)	Soil	01/25/2012 11:15
S51439.02	B-50 012512 (6-8)	Soil	01/25/2012 11:20
S51439.03	B-51 012512 (6-7)	Soil	01/25/2012 12:30
S51439.04	B-52 012512 (4-5)	Soil	01/25/2012 14:20
S51439.05	B-52 012512 (7-8)	Soil	01/25/2012 14:25
S51439.06	B-53 012512 (7-8)	Soil	01/25/2012 15:10
S51439.07	B-54 012612 (8-10)	Soil	01/26/2012 09:25
S51439.08	B-54 012612 (4-5)	Soil	01/26/2012 09:20
S51439.09	B-55 012612 (1-3)	Soil	01/26/2012 10:15
S51439.10	B-55 012612 (1-3) MS	Soil	01/26/2012 10:15
S51439.11	B-55 012612 (1-3) MSD	Soil	01/26/2012 10:15
S51439.12	Dup-1 012612	Soil	01/26/2012 00:01
S51439.13	B-56 012612 (4-5)	Soil	01/26/2012 12:15
S51439.14	Meth Blank	Methanol	01/26/2012 00:01
S51439.15	B-56 012612 (1-3)	Soil	01/26/2012 00:01

Lab Sample ID: S51439.01
Sample Tag: B-50 012512 (5-6)
Collected Date/Time: 01/25/2012 11:15
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				01/31/12 08:45	PCS		

Lab Sample ID: S51439.02
Sample Tag: B-50 012512 (6-8)
Collected Date/Time: 01/25/2012 11:20
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
Inorganics								
Total Solids	87	%	1	Std M 2540 B	01/30/12 12:00	WAR		
Metals								
Arsenic	2.70	mg/kg	0.20	6020	02/02/12 15:07	PER	7440-38-2	
Barium	6.74	mg/kg	1.0	6020	02/02/12 15:07	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:07	PER	7440-43-9	
Chromium	1.42	mg/kg	0.50	6020	02/02/12 15:07	PER	7440-47-3	
Copper	4.56	mg/kg	0.50	6020	02/02/12 15:07	PER	7440-50-8	
Lead	2.90	mg/kg	0.30	6020	02/02/12 15:07	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:36	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:07	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:07	PER	7440-22-4	
Zinc	9.51	mg/kg	1.0	6020	02/02/12 15:07	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	1,000	8082A	01/30/12 17:08	JANB	11096-82-5	

Lab Sample ID: S51439.03
Sample Tag: B-51 012512 (6-7)
Collected Date/Time: 01/25/2012 12:30
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
Inorganics								
Total Solids	84	%	1	Std M 2540 B	01/30/12 12:00	WAR		
Metals								
Arsenic	0.28	mg/kg	0.20	6020	02/02/12 15:14	PER	7440-38-2	
Barium	3.16	mg/kg	1.0	6020	02/02/12 15:14	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:14	PER	7440-43-9	
Chromium	0.91	mg/kg	0.50	6020	02/02/12 15:14	PER	7440-47-3	
Copper	3.13	mg/kg	0.50	6020	02/02/12 15:14	PER	7440-50-8	
Lead	5.07	mg/kg	0.30	6020	02/02/12 15:14	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:39	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:14	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:14	PER	7440-22-4	
Zinc	5.46	mg/kg	1.0	6020	02/02/12 15:14	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/30/12 18:44	JANB	11096-82-5	

Lab Sample ID: S51439.04
Sample Tag: B-52 012512 (4-5)
Collected Date/Time: 01/25/2012 14:20
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
Inorganics								
Total Solids	90	%	1	Std M 2540 B	01/30/12 12:00	WAR		
Metals								
Arsenic	2.88	mg/kg	0.20	6020	02/02/12 15:16	PER	7440-38-2	
Barium	10.5	mg/kg	1.0	6020	02/02/12 15:16	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:16	PER	7440-43-9	
Chromium	2.79	mg/kg	0.50	6020	02/02/12 15:16	PER	7440-47-3	
Copper	6.09	mg/kg	0.50	6020	02/02/12 15:16	PER	7440-50-8	
Lead	2.67	mg/kg	0.30	6020	02/02/12 15:16	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:41	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:16	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:16	PER	7440-22-4	
Zinc	12.8	mg/kg	1.0	6020	02/02/12 15:16	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/30/12 19:05	JANB	11096-82-5	

Lab Sample ID: S51439.05
Sample Tag: B-52 012512 (7-8)
Collected Date/Time: 01/25/2012 14:25
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				01/31/12 08:45	PCS		

Lab Sample ID: S51439.06
Sample Tag: B-53 012512 (7-8)
Collected Date/Time: 01/25/2012 15:10
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
Inorganics								
Total Solids	87	%	1	Std M 2540 B	01/30/12 12:00	WAR		
Metals								
Arsenic	0.85	mg/kg	0.20	6020	02/02/12 15:18	PER	7440-38-2	
Barium	4.30	mg/kg	1.0	6020	02/02/12 15:18	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:18	PER	7440-43-9	
Chromium	1.29	mg/kg	0.50	6020	02/02/12 15:18	PER	7440-47-3	
Copper	3.58	mg/kg	0.50	6020	02/02/12 15:18	PER	7440-50-8	
Lead	10.4	mg/kg	0.30	6020	02/02/12 15:18	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:43	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:18	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:18	PER	7440-22-4	
Zinc	7.43	mg/kg	1.0	6020	02/02/12 15:18	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/30/12 19:16	JANB	11096-82-5	

Lab Sample ID: S51439.07
Sample Tag: B-54 012612 (8-10)
Collected Date/Time: 01/26/2012 09:25
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				01/31/12 08:45	PCS		

Lab Sample ID: S51439.08
Sample Tag: B-54 012612 (4-5)
Collected Date/Time: 01/26/2012 09:20
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
Inorganics								
Total Solids	88	%	1	Std M 2540 B	01/30/12 12:00	WAR		
Metals								
Arsenic	1.32	mg/kg	0.20	6020	02/02/12 15:20	PER	7440-38-2	
Barium	24.6	mg/kg	1.0	6020	02/02/12 15:20	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:20	PER	7440-43-9	
Chromium	3.29	mg/kg	0.50	6020	02/02/12 15:20	PER	7440-47-3	
Copper	10.2	mg/kg	0.50	6020	02/02/12 15:20	PER	7440-50-8	
Lead	4.41	mg/kg	0.30	6020	02/02/12 15:20	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:45	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:20	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:20	PER	7440-22-4	
Zinc	20.7	mg/kg	1.0	6020	02/02/12 15:20	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/30/12 17:19	JANB	11096-82-5	

Lab Sample ID: S51439.09
Sample Tag: B-55 012612 (1-3)
Collected Date/Time: 01/26/2012 10:15
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
PNA Extraction	Completed			3550B	01/31/12 20:24	EMR		
Oily Waste (Soxlet) Extraction Procedure								
Sample Used g	20.1			9071B	02/01/12 17:00	CCM		
Final Volume mL	1			9071B	02/01/12 17:00	CCM		
Inorganics								
Total Solids	87	%	1	Std M 2540 B	01/30/12 12:00	WAR		
TPH, n-Hexane Extractable	40	mg/kg	20	1664A	02/01/12 17:00	CCM		
Metals								
Arsenic	4.09	mg/kg	0.20	6020	02/02/12 15:27	PER	7440-38-2	
Barium	40.1	mg/kg	1.0	6020	02/02/12 15:27	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:27	PER	7440-43-9	
Chromium	7.76	mg/kg	0.50	6020	02/02/12 15:27	PER	7440-47-3	
Copper	11.4	mg/kg	0.50	6020	02/02/12 15:27	PER	7440-50-8	
Lead	11.6	mg/kg	0.30	6020	02/02/12 15:27	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:52	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:27	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:27	PER	7440-22-4	
Zinc	28.4	mg/kg	1.0	6020	02/02/12 15:27	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/30/12 16:37	JANB	11096-82-5	
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	56-55-3	
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	50-32-8	

Lab Sample ID: S51439.09 (continued)
Sample Tag: B-55 012612 (1-3)

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Polynuclear Aromatics (continued)								
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	191-24-2	
Chrysene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	218-01-9	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	53-70-3	
Fluoranthene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	193-39-5	
Naphthalene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	91-20-3	
Phenanthrene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	85-01-8	
Pyrene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	129-00-0	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	91-57-6	
1-Methylnaphthalene	Not detected	ug/kg	300	8270C	02/01/12 13:12	PL	90-12-0	
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	60-29-7	
Acetone	Not detected	ug/kg	1,000	8260B/5035	01/30/12 17:12	JGH	67-64-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	74-88-4	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	1634-04-4	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	107-13-1	
2-Butanone (MEK)	Not detected	ug/kg	960	8260B/5035	01/30/12 17:12	JGH	78-93-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	75-71-8	
Chloromethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	74-87-3	
Vinyl chloride	Not detected	ug/kg	40	8260B/5035	01/30/12 17:12	JGH	75-01-4	M
Bromomethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	74-83-9	
Chloroethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	75-00-3	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	75-69-4	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	75-35-4	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	75-09-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	156-60-5	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	156-59-2	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	01/30/12 17:12	JGH	109-99-9	
Chloroform	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	67-66-3	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	74-97-5	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	01/30/12 17:12	JGH	108-10-1	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	01/30/12 17:12	JGH	591-78-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	56-23-5	
Benzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	71-43-2	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	107-06-2	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	79-01-6	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	78-87-5	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	75-27-4	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	74-95-3	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	10061-01-5	

M-Result reported to MDL not RDL

Lab Sample ID: S51439.09 (continued)
Sample Tag: B-55 012612 (1-3)

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Toluene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	108-88-3	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	10061-02-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	79-00-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	110-57-6	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	124-48-1	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	01/30/12 17:12	JGH	106-93-4	M
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	630-20-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	100-41-4	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH		
o-Xylene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	95-47-6	
Styrene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	100-42-5	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	98-82-8	
Bromoform	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	79-34-5	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	96-18-4	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	103-65-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	108-86-1	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	108-67-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	98-06-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	95-63-6	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	135-98-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	99-87-6	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	106-46-7	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	95-50-1	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 17:12	JGH	526-73-8	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	01/30/12 17:12	JGH	104-51-8	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:12	JGH	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:12	JGH	96-12-8	
1,2,4-Trichlorobenzene	Not detected	ug/kg	420	8260B/5035	01/30/12 17:12	JGH	120-82-1	
1,2,3-Trichlorobenzene	Not detected	ug/kg	420	8260B/5035	01/30/12 17:12	JGH	87-61-6	
Naphthalene	Not detected	ug/kg	420	8260B/5035	01/30/12 17:12	JGH	91-20-3	
2-Methylnaphthalene	Not detected	ug/kg	420	8260B/5035	01/30/12 17:12	JGH	91-57-6	

M-Result reported to MDL not RDL

Lab Sample ID: S51439.10
Sample Tag: B-55 012612 (1-3) MS
Collected Date/Time: 01/26/2012 10:15
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
PNA Extraction	Completed			3550B	01/31/12 20:24	EMR		
Oily Waste (Soxlet) Extraction Procedure								
Sample Used g	20.0			9071B	02/02/12 17:00	CCM		
Final Volume mL	1			9071B	02/02/12 17:00	CCM		
Inorganics								
Total Solids	85	%	1	Std M 2540 B	01/30/12 12:00	WAR		
TPH, n-Hexane Extractable	135	mg/kg	20	1664A	02/02/12 17:00	CCM		
Metals								
Arsenic	31.0	mg/kg	0.20	6020	02/02/12 15:32	PER	7440-38-2	
Barium	63.9	mg/kg	1.0	6020	02/02/12 15:32	PER	7440-39-3	
Cadmium	25.6	mg/kg	0.20	6020	02/02/12 15:32	PER	7440-43-9	
Chromium	34.1	mg/kg	0.50	6020	02/02/12 15:32	PER	7440-47-3	
Copper	35.3	mg/kg	0.50	6020	02/02/12 15:32	PER	7440-50-8	
Lead	36.3	mg/kg	0.30	6020	02/02/12 15:32	PER	7439-92-1	
Mercury	0.155	mg/kg	0.050	7471A	02/01/12 14:54	JRT	7439-97-6	
Selenium	24.5	mg/kg	0.40	6020	02/02/12 15:32	PER	7782-49-2	
Silver	23.8	mg/kg	0.10	6020	02/02/12 15:32	PER	7440-22-4	
Zinc	53.5	mg/kg	1.0	6020	02/02/12 15:32	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	30	ug/kg	330	8082A	01/30/12 16:47	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 16:47	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 16:47	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 16:47	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 16:47	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 16:47	JANB	11097-69-1	
PCB-1260	20	ug/kg	330	8082A	01/30/12 16:47	JANB	11096-82-5	
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	83-32-9	1
Acenaphthylene	1,500	ug/kg	300	8270C	02/01/12 13:34	PL	208-96-8	1
Anthracene	1,500	ug/kg	300	8270C	02/01/12 13:34	PL	120-12-7	1
Benzo(a)anthracene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	56-55-3	1

1-Dry Weight Spike: 2.0 mg/kg

Lab Sample ID: S51439.10 (continued)
Sample Tag: B-55 012612 (1-3) MS

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Polynuclear Aromatics (continued)								
Benzo(a)pyrene	1,500	ug/kg	300	8270C	02/01/12 13:34	PL	50-32-8	1
Benzo(b)fluoranthene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	205-99-2	1
Benzo(k)fluoranthene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	207-08-9	1
Benzo(ghi)perylene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	191-24-2	1
Chrysene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	218-01-9	1
Dibenzo(ah)anthracene	1,700	ug/kg	300	8270C	02/01/12 13:34	PL	53-70-3	1
Fluoranthene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	206-44-0	1
Fluorene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	86-73-7	1
Indeno(1,2,3-cd)pyrene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	193-39-5	1
Naphthalene	1,400	ug/kg	300	8270C	02/01/12 13:34	PL	91-20-3	1
Phenanthrene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	85-01-8	1
Pyrene	1,600	ug/kg	300	8270C	02/01/12 13:34	PL	129-00-0	1
2-Methylnaphthalene	1,500	ug/kg	300	8270C	02/01/12 13:34	PL	91-57-6	1
1-Methylnaphthalene	1,300	ug/kg	300	8270C	02/01/12 13:34	PL	90-12-0	1
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	2,800	ug/kg	300	8260B/5035	01/30/12 18:49	JGH	60-29-7	2
Acetone	2,000	ug/kg	2,000	8260B/5035	01/30/12 18:49	JGH	67-64-1	2
Methyl iodide	3,300	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	74-88-4	2
Carbon disulfide	3,100	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	75-15-0	2
tert-Methyl butyl ether (MTBE)	3,600	ug/kg	300	8260B/5035	01/30/12 18:49	JGH	1634-04-4	2
Acrylonitrile	3,400	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	107-13-1	2
2-Butanone (MEK)	2,600	ug/kg	1,200	8260B/5035	01/30/12 18:49	JGH	78-93-3	2
Dichlorodifluoromethane	2,600	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	75-71-8	2
Chloromethane	3,000	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	74-87-3	2
Vinyl chloride	3,220	ug/kg	40	8260B/5035	01/30/12 18:49	JGH	75-01-4	2M
Bromomethane	2,400	ug/kg	300	8260B/5035	01/30/12 18:49	JGH	74-83-9	2
Chloroethane	2,300	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	75-00-3	2
Trichlorofluoromethane	3,100	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	75-69-4	2
1,1-Dichloroethene	3,110	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	75-35-4	2
Methylene chloride	3,500	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	75-09-2	2
trans-1,2-Dichloroethene	3,470	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	156-60-5	2
1,1-Dichloroethane	3,520	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	75-34-3	2
cis-1,2-Dichloroethene	3,590	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	156-59-2	2
Tetrahydrofuran	3,000	ug/kg	2,000	8260B/5035	01/30/12 18:49	JGH	109-99-9	2
Chloroform	3,660	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	67-66-3	2
Bromochloromethane	3,600	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	74-97-5	2
1,1,1-Trichloroethane	3,580	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	71-55-6	2
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	4,000	8260B/5035	01/30/12 18:49	JGH	108-10-1	2
2-Hexanone	Not detected	ug/kg	4,000	8260B/5035	01/30/12 18:49	JGH	591-78-6	2
Carbon tetrachloride	3,530	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	56-23-5	2
Benzene	3,560	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	71-43-2	2
1,2-Dichloroethane	3,730	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	107-06-2	2
Trichloroethene	3,590	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	79-01-6	2
1,2-Dichloropropane	3,700	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	78-87-5	2

1-Dry Weight Spike: 2.0 mg/kg
2-Spiked at 2.5mg/kg
M-Result reported to MDL not RDL

Lab Sample ID: S51439.10 (continued)
Sample Tag: B-55 012612 (1-3) MS

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Bromodichloromethane	3,600	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	75-27-4	1
Dibromomethane	3,600	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	74-95-3	1
cis-1,3-Dichloropropene	3,670	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	10061-01-5	1
Toluene	3,700	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	108-88-3	1
trans-1,3-Dichloropropene	3,760	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	10061-02-6	1
1,1,2-Trichloroethane	3,620	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	79-00-5	1
Tetrachloroethene	3,530	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	127-18-4	1
trans-1,4-Dichloro-2-butene	3,030	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	110-57-6	1
Dibromochloromethane	3,100	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	124-48-1	1
1,2-Dibromoethane	3,620	ug/kg	30	8260B/5035	01/30/12 18:49	JGH	106-93-4	M1
Chlorobenzene	3,630	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	108-90-7	1
1,1,1,2-Tetrachloroethane	3,800	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	630-20-6	1
Ethylbenzene	3,790	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	100-41-4	1
p,m-Xylene	7,700	ug/kg	200	8260B/5035	01/30/12 18:49	JGH		1
o-Xylene	3,890	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	95-47-6	1
Styrene	3,700	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	100-42-5	1
Isopropylbenzene	3,800	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	98-82-8	1
Bromoform	3,200	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	75-25-2	1
1,1,2,2-Tetrachloroethane	3,670	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	79-34-5	1
1,2,3-Trichloropropane	3,800	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	96-18-4	1
n-Propylbenzene	3,900	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	103-65-1	1
Bromobenzene	3,700	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	108-86-1	1
1,3,5-Trimethylbenzene	3,900	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	108-67-8	1
tert-Butylbenzene	3,900	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	98-06-6	1
1,2,4-Trimethylbenzene	4,200	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	95-63-6	1
sec-Butylbenzene	3,880	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	135-98-8	1
p-Isopropyltoluene	4,000	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	99-87-6	1
1,3-Dichlorobenzene	3,800	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	541-73-1	1
1,4-Dichlorobenzene	3,700	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	106-46-7	1
1,2-Dichlorobenzene	3,800	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	95-50-1	1
1,2,3-Trimethylbenzene	3,900	ug/kg	200	8260B/5035	01/30/12 18:49	JGH	526-73-8	1
n-Butylbenzene	3,960	ug/kg	80	8260B/5035	01/30/12 18:49	JGH	104-51-8	1
Hexachloroethane	3,700	ug/kg	500	8260B/5035	01/30/12 18:49	JGH	67-72-1	1
1,2-Dibromo-3-chloropropane	3,400	ug/kg	400	8260B/5035	01/30/12 18:49	JGH	96-12-8	1
1,2,4-Trichlorobenzene	3,750	ug/kg	520	8260B/5035	01/30/12 18:49	JGH	120-82-1	1
1,2,3-Trichlorobenzene	3,820	ug/kg	520	8260B/5035	01/30/12 18:49	JGH	87-61-6	1
Naphthalene	3,850	ug/kg	520	8260B/5035	01/30/12 18:49	JGH	91-20-3	1
2-Methylnaphthalene	3,780	ug/kg	520	8260B/5035	01/30/12 18:49	JGH	91-57-6	1

1-Spiked at 2.5mg/kg
M-Result reported to MDL not RDL

Lab Sample ID: S51439.11
Sample Tag: B-55 012612 (1-3) MSD
Collected Date/Time: 01/26/2012 10:15
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
PNA Extraction	Completed			3550B	01/31/12 20:24	EMR		
Oily Waste (Soxlet) Extraction Procedure								
Sample Used g	20.0			9071B	02/02/12 17:00	CCM		
Final Volume mL	1			9071B	02/02/12 17:00	CCM		
Inorganics								
Total Solids	82	%	1	Std M 2540 B	01/30/12 12:00	WAR		
TPH, n-Hexane Extractable	134	mg/kg	20	1664A	02/02/12 17:00	CCM		
Metals								
Arsenic	30.3	mg/kg	0.20	6020	02/02/12 15:34	PER	7440-38-2	
Barium	67.4	mg/kg	1.0	6020	02/02/12 15:34	PER	7440-39-3	
Cadmium	25.2	mg/kg	0.20	6020	02/02/12 15:34	PER	7440-43-9	
Chromium	35.0	mg/kg	0.50	6020	02/02/12 15:34	PER	7440-47-3	
Copper	35.4	mg/kg	0.50	6020	02/02/12 15:34	PER	7440-50-8	
Lead	35.1	mg/kg	0.30	6020	02/02/12 15:34	PER	7439-92-1	
Mercury	0.144	mg/kg	0.050	7471A	02/01/12 14:56	JRT	7439-97-6	
Selenium	24.8	mg/kg	0.40	6020	02/02/12 15:34	PER	7782-49-2	
Silver	23.6	mg/kg	0.10	6020	02/02/12 15:34	PER	7440-22-4	
Zinc	55.4	mg/kg	1.0	6020	02/02/12 15:34	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	30	ug/kg	330	8082A	01/30/12 16:58	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/30/12 16:58	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/30/12 16:58	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/30/12 16:58	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/30/12 16:58	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/30/12 16:58	JANB	11097-69-1	
PCB-1260	20	ug/kg	330	8082A	01/30/12 16:58	JANB	11096-82-5	
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	83-32-9	1
Acenaphthylene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	208-96-8	1
Anthracene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	120-12-7	1
Benzo(a)anthracene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	56-55-3	1

1-Dry Weight Spike: 2.0 mg/kg

Lab Sample ID: S51439.11 (continued)
Sample Tag: B-55 012612 (1-3) MSD

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Polynuclear Aromatics (continued)								
Benzo(a)pyrene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	50-32-8	1
Benzo(b)fluoranthene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	205-99-2	1
Benzo(k)fluoranthene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	207-08-9	1
Benzo(ghi)perylene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	191-24-2	1
Chrysene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	218-01-9	1
Dibenzo(ah)anthracene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	53-70-3	1
Fluoranthene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	206-44-0	1
Fluorene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	86-73-7	1
Indeno(1,2,3-cd)pyrene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	193-39-5	1
Naphthalene	1,600	ug/kg	300	8270C	02/01/12 13:57	PL	91-20-3	1
Phenanthrene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	85-01-8	1
Pyrene	1,800	ug/kg	300	8270C	02/01/12 13:57	PL	129-00-0	1
2-Methylnaphthalene	1,700	ug/kg	300	8270C	02/01/12 13:57	PL	91-57-6	1
1-Methylnaphthalene	1,500	ug/kg	300	8270C	02/01/12 13:57	PL	90-12-0	1
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	2,800	ug/kg	300	8260B/5035	01/30/12 19:09	JGH	60-29-7	2
Acetone	3,000	ug/kg	1,000	8260B/5035	01/30/12 19:09	JGH	67-64-1	2
Methyl iodide	3,400	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	74-88-4	2
Carbon disulfide	3,200	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	75-15-0	2
tert-Methyl butyl ether (MTBE)	3,700	ug/kg	300	8260B/5035	01/30/12 19:09	JGH	1634-04-4	2
Acrylonitrile	3,500	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	107-13-1	2
2-Butanone (MEK)	3,100	ug/kg	1,100	8260B/5035	01/30/12 19:09	JGH	78-93-3	2
Dichlorodifluoromethane	2,600	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	75-71-8	2
Chloromethane	3,000	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	74-87-3	2
Vinyl chloride	3,290	ug/kg	40	8260B/5035	01/30/12 19:09	JGH	75-01-4	2M
Bromomethane	2,500	ug/kg	300	8260B/5035	01/30/12 19:09	JGH	74-83-9	2
Chloroethane	2,300	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	75-00-3	2
Trichlorofluoromethane	3,200	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	75-69-4	2
1,1-Dichloroethene	3,300	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	75-35-4	2
Methylene chloride	3,600	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	75-09-2	2
trans-1,2-Dichloroethene	3,540	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	156-60-5	2
1,1-Dichloroethane	3,570	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	75-34-3	2
cis-1,2-Dichloroethene	3,640	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	156-59-2	2
Tetrahydrofuran	3,000	ug/kg	1,000	8260B/5035	01/30/12 19:09	JGH	109-99-9	2
Chloroform	3,680	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	67-66-3	2
Bromochloromethane	3,700	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	74-97-5	2
1,1,1-Trichloroethane	3,670	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	71-55-6	2
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	4,000	8260B/5035	01/30/12 19:09	JGH	108-10-1	2
2-Hexanone	Not detected	ug/kg	4,000	8260B/5035	01/30/12 19:09	JGH	591-78-6	2
Carbon tetrachloride	3,640	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	56-23-5	2
Benzene	3,570	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	71-43-2	2
1,2-Dichloroethane	3,750	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	107-06-2	2
Trichloroethene	3,620	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	79-01-6	2
1,2-Dichloropropane	3,730	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	78-87-5	2

1-Dry Weight Spike: 2.0 mg/kg
2-Spiked at 2.5mg/kg
M-Result reported to MDL not RDL

Lab Sample ID: S51439.11 (continued)
Sample Tag: B-55 012612 (1-3) MSD

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Bromodichloromethane	3,700	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	75-27-4	1
Dibromomethane	3,700	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	74-95-3	1
cis-1,3-Dichloropropene	3,760	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	10061-01-5	1
Toluene	3,700	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	108-88-3	1
trans-1,3-Dichloropropene	3,860	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	10061-02-6	1
1,1,2-Trichloroethane	3,690	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	79-00-5	1
Tetrachloroethene	3,550	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	127-18-4	1
trans-1,4-Dichloro-2-butene	3,270	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	110-57-6	1
Dibromochloromethane	3,200	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	124-48-1	1
1,2-Dibromoethane	3,740	ug/kg	30	8260B/5035	01/30/12 19:09	JGH	106-93-4	M1
Chlorobenzene	3,670	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	108-90-7	1
1,1,1,2-Tetrachloroethane	3,800	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	630-20-6	1
Ethylbenzene	3,770	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	100-41-4	1
p,m-Xylene	7,600	ug/kg	100	8260B/5035	01/30/12 19:09	JGH		1
o-Xylene	3,860	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	95-47-6	1
Styrene	3,700	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	100-42-5	1
Isopropylbenzene	3,800	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	98-82-8	1
Bromoform	3,400	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	75-25-2	1
1,1,2,2-Tetrachloroethane	3,890	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	79-34-5	1
1,2,3-Trichloropropane	4,000	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	96-18-4	1
n-Propylbenzene	3,900	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	103-65-1	1
Bromobenzene	3,800	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	108-86-1	1
1,3,5-Trimethylbenzene	4,000	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	108-67-8	1
tert-Butylbenzene	3,930	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	98-06-6	1
1,2,4-Trimethylbenzene	4,100	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	95-63-6	1
sec-Butylbenzene	3,840	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	135-98-8	1
p-Isopropyltoluene	4,000	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	99-87-6	1
1,3-Dichlorobenzene	3,800	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	541-73-1	1
1,4-Dichlorobenzene	3,700	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	106-46-7	1
1,2-Dichlorobenzene	3,800	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	95-50-1	1
1,2,3-Trimethylbenzene	3,800	ug/kg	100	8260B/5035	01/30/12 19:09	JGH	526-73-8	1
n-Butylbenzene	3,930	ug/kg	70	8260B/5035	01/30/12 19:09	JGH	104-51-8	1
Hexachloroethane	3,800	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	67-72-1	1
1,2-Dibromo-3-chloropropane	3,600	ug/kg	400	8260B/5035	01/30/12 19:09	JGH	96-12-8	1
1,2,4-Trichlorobenzene	3,850	ug/kg	480	8260B/5035	01/30/12 19:09	JGH	120-82-1	1
1,2,3-Trichlorobenzene	4,050	ug/kg	480	8260B/5035	01/30/12 19:09	JGH	87-61-6	1
Naphthalene	4,160	ug/kg	480	8260B/5035	01/30/12 19:09	JGH	91-20-3	1
2-Methylnaphthalene	4,480	ug/kg	480	8260B/5035	01/30/12 19:09	JGH	91-57-6	1

1-Spiked at 2.5mg/kg
M-Result reported to MDL not RDL

Lab Sample ID: S51439.12
Sample Tag: Dup-1 012612
Collected Date/Time: 01/26/2012 00:01
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
PNA Extraction	Completed			3550B	01/31/12 20:24	EMR		
Oily Waste (Soxlet) Extraction Procedure								
Sample Used g	20.0			9071B	02/02/12 17:00	CCM		
Final Volume mL	1			9071B	02/02/12 17:00	CCM		
Inorganics								
Total Solids	86	%	1	Std M 2540 B	01/30/12 12:00	WAR		
TPH, n-Hexane Extractable	7,767	mg/kg	20	1664A	02/02/12 17:00	CCM		
Metals								
Arsenic	0.53	mg/kg	0.20	6020	02/02/12 15:23	PER	7440-38-2	
Barium	7.05	mg/kg	1.0	6020	02/02/12 15:23	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:23	PER	7440-43-9	
Chromium	1.26	mg/kg	0.50	6020	02/02/12 15:23	PER	7440-47-3	
Copper	2.89	mg/kg	0.50	6020	02/02/12 15:23	PER	7440-50-8	
Lead	2.00	mg/kg	0.30	6020	02/02/12 15:23	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:47	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:23	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:23	PER	7440-22-4	
Zinc	6.57	mg/kg	1.0	6020	02/02/12 15:23	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/31/12 14:38	JANB	11096-82-5	
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	208-96-8	X
Anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	120-12-7	X
Benzo(a)anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	56-55-3	X

X-Elevated reporting limit due to matrix interference

Lab Sample ID: S51439.12 (continued)
Sample Tag: Dup-1 012612

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Polynuclear Aromatics (continued)								
Benzo(a)pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	50-32-8	X
Benzo(b)fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	205-99-2	X
Benzo(k)fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	207-08-9	X
Benzo(ghi)perylene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	191-24-2	X
Chrysene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	218-01-9	X
Dibenzo(ah)anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	53-70-3	X
Fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	206-44-0	X
Fluorene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	193-39-5	X
Naphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	91-20-3	X
Phenanthrene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	85-01-8	X
Pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	129-00-0	X
2-Methylnaphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	91-57-6	X
1-Methylnaphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:04	PL	90-12-0	X
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	Not detected	ug/kg	300	8260B/5035	01/30/12 17:31	JGH	60-29-7	
Acetone	Not detected	ug/kg	2,000	8260B/5035	01/30/12 17:31	JGH	67-64-1	
Methyl iodide	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	74-88-4	
Carbon disulfide	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	01/30/12 17:31	JGH	1634-04-4	
Acrylonitrile	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	107-13-1	
2-Butanone (MEK)	Not detected	ug/kg	1,200	8260B/5035	01/30/12 17:31	JGH	78-93-3	
Dichlorodifluoromethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	75-71-8	
Chloromethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	74-87-3	
Vinyl chloride	Not detected	ug/kg	40	8260B/5035	01/30/12 17:31	JGH	75-01-4	M
Bromomethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:31	JGH	74-83-9	
Chloroethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	75-00-3	
Trichlorofluoromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	75-69-4	
1,1-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	75-35-4	
Methylene chloride	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	75-09-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	156-60-5	
1,1-Dichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	156-59-2	
Tetrahydrofuran	Not detected	ug/kg	2,000	8260B/5035	01/30/12 17:31	JGH	109-99-9	
Chloroform	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	67-66-3	
Bromochloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	74-97-5	
1,1,1-Trichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	4,000	8260B/5035	01/30/12 17:31	JGH	108-10-1	
2-Hexanone	Not detected	ug/kg	4,000	8260B/5035	01/30/12 17:31	JGH	591-78-6	
Carbon tetrachloride	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	56-23-5	
Benzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	71-43-2	
1,2-Dichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	107-06-2	
Trichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	79-01-6	
1,2-Dichloropropane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	78-87-5	
Bromodichloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	75-27-4	

X-Elevated reporting limit due to matrix interference
M-Result reported to MDL not RDL

Lab Sample ID: S51439.12 (continued)
Sample Tag: Dup-1 012612

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Dibromomethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	74-95-3	
cis-1,3-Dichloropropene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	10061-01-5	
Toluene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	108-88-3	
trans-1,3-Dichloropropene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	10061-02-6	
1,1,2-Trichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	79-00-5	
Tetrachloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	110-57-6	
Dibromochloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	124-48-1	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	01/30/12 17:31	JGH	106-93-4	M
Chlorobenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	630-20-6	
Ethylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	100-41-4	
p,m-Xylene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH		
o-Xylene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	95-47-6	
Styrene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	100-42-5	
Isopropylbenzene	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	98-82-8	
Bromoform	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	79-34-5	
1,2,3-Trichloropropane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	96-18-4	
n-Propylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	103-65-1	
Bromobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	108-86-1	
1,3,5-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	108-67-8	
tert-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	98-06-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	95-63-6	
sec-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	135-98-8	
p-Isopropyltoluene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	99-87-6	
1,3-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	106-46-7	
1,2-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	95-50-1	
1,2,3-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:31	JGH	526-73-8	
n-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:31	JGH	104-51-8	
Hexachloroethane	Not detected	ug/kg	500	8260B/5035	01/30/12 17:31	JGH	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:31	JGH	96-12-8	
1,2,4-Trichlorobenzene	Not detected	ug/kg	520	8260B/5035	01/30/12 17:31	JGH	120-82-1	
1,2,3-Trichlorobenzene	Not detected	ug/kg	520	8260B/5035	01/30/12 17:31	JGH	87-61-6	
Naphthalene	Not detected	ug/kg	520	8260B/5035	01/30/12 17:31	JGH	91-20-3	
2-Methylnaphthalene	Not detected	ug/kg	520	8260B/5035	01/30/12 17:31	JGH	91-57-6	

M-Result reported to MDL not RDL

Lab Sample ID: S51439.13
Sample Tag: B-56 012612 (4-5)
Collected Date/Time: 01/26/2012 12:15
Matrix: Soil
COC Reference: EDC012512.

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3550B	01/30/12 13:26	CCM		
Mercury Digestion	Completed			7471A	02/01/12 11:30	JRH		
Metal Digestion	Completed			3050B	02/01/12 01:00	SLR		
PNA Extraction	Completed			3550B	01/31/12 20:24	EMR		
Oily Waste (Soxlet) Extraction Procedure								
Sample Used g	20.3			9071B	02/02/12 17:00	CCM		
Final Volume mL	1			9071B	02/02/12 17:00	CCM		
Inorganics								
Total Solids	86	%	1	Std M 2540 B	01/30/12 12:00	WAR		
TPH, n-Hexane Extractable	7,274	mg/kg	20	1664A	02/02/12 17:00	CCM		
Metals								
Arsenic	0.69	mg/kg	0.20	6020	02/02/12 15:25	PER	7440-38-2	
Barium	7.90	mg/kg	1.0	6020	02/02/12 15:25	PER	7440-39-3	
Cadmium	Not detected	mg/kg	0.20	6020	02/02/12 15:25	PER	7440-43-9	
Chromium	1.25	mg/kg	0.50	6020	02/02/12 15:25	PER	7440-47-3	
Copper	2.72	mg/kg	0.50	6020	02/02/12 15:25	PER	7440-50-8	
Lead	2.12	mg/kg	0.30	6020	02/02/12 15:25	PER	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	02/01/12 14:50	JRT	7439-97-6	
Selenium	Not detected	mg/kg	0.40	6020	02/02/12 15:25	PER	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	02/02/12 15:25	PER	7440-22-4	
Zinc	5.21	mg/kg	1.0	6020	02/02/12 15:25	PER	7440-66-6	
Organics - PCBs/Pesticides								
PCB List								
PCB-1016	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082A	01/31/12 14:49	JANB	11096-82-5	
Organics - Semi-Volatiles								
Polynuclear Aromatics								
Acenaphthene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	83-32-9	X
Acenaphthylene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	208-96-8	X
Anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	120-12-7	X
Benzo(a)anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	56-55-3	X

X-Elevated reporting limit due to matrix interference

Lab Sample ID: S51439.13 (continued)
Sample Tag: B-56 012612 (4-5)

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Polynuclear Aromatics (continued)								
Benzo(a)pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	50-32-8	X
Benzo(b)fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	205-99-2	X
Benzo(k)fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	207-08-9	X
Benzo(ghi)perylene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	191-24-2	X
Chrysene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	218-01-9	X
Dibenzo(ah)anthracene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	53-70-3	X
Fluoranthene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	206-44-0	X
Fluorene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	86-73-7	X
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	193-39-5	X
Naphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	91-20-3	X
Phenanthrene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	85-01-8	X
Pyrene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	129-00-0	X
2-Methylnaphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	91-57-6	X
1-Methylnaphthalene	Not detected	ug/kg	600	8270C	02/01/12 15:26	PL	90-12-0	X
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	Not detected	ug/kg	300	8260B/5035	01/30/12 17:51	JGH	60-29-7	
Acetone	Not detected	ug/kg	2,000	8260B/5035	01/30/12 17:51	JGH	67-64-1	
Methyl iodide	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	74-88-4	
Carbon disulfide	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	01/30/12 17:51	JGH	1634-04-4	
Acrylonitrile	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	107-13-1	
2-Butanone (MEK)	Not detected	ug/kg	1,200	8260B/5035	01/30/12 17:51	JGH	78-93-3	
Dichlorodifluoromethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	75-71-8	
Chloromethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	74-87-3	
Vinyl chloride	Not detected	ug/kg	40	8260B/5035	01/30/12 17:51	JGH	75-01-4	M
Bromomethane	Not detected	ug/kg	300	8260B/5035	01/30/12 17:51	JGH	74-83-9	
Chloroethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	75-00-3	
Trichlorofluoromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	75-69-4	
1,1-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	75-35-4	
Methylene chloride	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	75-09-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	156-60-5	
1,1-Dichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	156-59-2	
Tetrahydrofuran	Not detected	ug/kg	2,000	8260B/5035	01/30/12 17:51	JGH	109-99-9	
Chloroform	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	67-66-3	
Bromochloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	74-97-5	
1,1,1-Trichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	4,000	8260B/5035	01/30/12 17:51	JGH	108-10-1	
2-Hexanone	Not detected	ug/kg	4,000	8260B/5035	01/30/12 17:51	JGH	591-78-6	
Carbon tetrachloride	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	56-23-5	
Benzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	71-43-2	
1,2-Dichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	107-06-2	
Trichloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	79-01-6	
1,2-Dichloropropane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	78-87-5	
Bromodichloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	75-27-4	

X-Elevated reporting limit due to matrix interference
M-Result reported to MDL not RDL

Lab Sample ID: S51439.13 (continued)
Sample Tag: B-56 012612 (4-5)

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Dibromomethane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	74-95-3	
cis-1,3-Dichloropropene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	10061-01-5	
Toluene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	108-88-3	
trans-1,3-Dichloropropene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	10061-02-6	
1,1,2-Trichloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	79-00-5	
Tetrachloroethene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	110-57-6	
Dibromochloromethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	124-48-1	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	01/30/12 17:51	JGH	106-93-4	M
Chlorobenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	630-20-6	
Ethylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	100-41-4	
p,m-Xylene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH		
o-Xylene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	95-47-6	
Styrene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	100-42-5	
Isopropylbenzene	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	98-82-8	
Bromoform	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	79-34-5	
1,2,3-Trichloropropane	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	96-18-4	
n-Propylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	103-65-1	
Bromobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	108-86-1	
1,3,5-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	108-67-8	
tert-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	98-06-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	95-63-6	
sec-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	135-98-8	
p-Isopropyltoluene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	99-87-6	
1,3-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	106-46-7	
1,2-Dichlorobenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	95-50-1	
1,2,3-Trimethylbenzene	Not detected	ug/kg	200	8260B/5035	01/30/12 17:51	JGH	526-73-8	
n-Butylbenzene	Not detected	ug/kg	80	8260B/5035	01/30/12 17:51	JGH	104-51-8	
Hexachloroethane	Not detected	ug/kg	500	8260B/5035	01/30/12 17:51	JGH	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	400	8260B/5035	01/30/12 17:51	JGH	96-12-8	
1,2,4-Trichlorobenzene	Not detected	ug/kg	550	8260B/5035	01/30/12 17:51	JGH	120-82-1	
1,2,3-Trichlorobenzene	Not detected	ug/kg	550	8260B/5035	01/30/12 17:51	JGH	87-61-6	
Naphthalene	Not detected	ug/kg	550	8260B/5035	01/30/12 17:51	JGH	91-20-3	
2-Methylnaphthalene	Not detected	ug/kg	550	8260B/5035	01/30/12 17:51	JGH	91-57-6	

M-Result reported to MDL not RDL

Lab Sample ID: S51439.14
Sample Tag: Meth Blank
Collected Date/Time: 01/26/2012 00:01
Matrix: Methanol
COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles								
Volatile Organics 5035								
Diethyl ether	Not detected	ug/kg	200	8260B/5035	01/30/12 18:10	JGH	60-29-7	
Acetone	Not detected	ug/kg	1,000	8260B/5035	01/30/12 18:10	JGH	67-64-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	74-88-4	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	01/30/12 18:10	JGH	1634-04-4	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	107-13-1	
2-Butanone (MEK)	Not detected	ug/kg	750	8260B/5035	01/30/12 18:10	JGH	78-93-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	75-71-8	
Chloromethane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	74-87-3	
Vinyl chloride	Not detected	ug/kg	40	8260B/5035	01/30/12 18:10	JGH	75-01-4	M
Bromomethane	Not detected	ug/kg	200	8260B/5035	01/30/12 18:10	JGH	74-83-9	
Chloroethane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	75-00-3	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	75-69-4	
1,1-Dichloroethene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	75-35-4	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	75-09-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	156-60-5	
1,1-Dichloroethane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	75-34-3	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	156-59-2	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	01/30/12 18:10	JGH	109-99-9	
Chloroform	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	67-66-3	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	74-97-5	
1,1,1-Trichloroethane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	01/30/12 18:10	JGH	108-10-1	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	01/30/12 18:10	JGH	591-78-6	
Carbon tetrachloride	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	56-23-5	
Benzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	71-43-2	
1,2-Dichloroethane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	107-06-2	
Trichloroethene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	79-01-6	
1,2-Dichloropropane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	78-87-5	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	75-27-4	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	74-95-3	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	10061-01-5	
Toluene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	108-88-3	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	10061-02-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	79-00-5	
Tetrachloroethene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	110-57-6	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	124-48-1	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	01/30/12 18:10	JGH	106-93-4	M
Chlorobenzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	630-20-6	

M-Result reported to MDL not RDL

Lab Sample ID: S51439.14 (continued)
Sample Tag: Meth Blank

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
Ethylbenzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	100-41-4	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH		
o-Xylene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	95-47-6	
Styrene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	100-42-5	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	98-82-8	
Bromoform	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	79-34-5	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	96-18-4	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	103-65-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	108-86-1	
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	108-67-8	
tert-Butylbenzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	98-06-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	95-63-6	
sec-Butylbenzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	135-98-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	99-87-6	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	106-46-7	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	95-50-1	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	01/30/12 18:10	JGH	526-73-8	
n-Butylbenzene	Not detected	ug/kg	50	8260B/5035	01/30/12 18:10	JGH	104-51-8	
Hexachloroethane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	01/30/12 18:10	JGH	96-12-8	
1,2,4-Trichlorobenzene	Not detected	ug/kg	330	8260B/5035	01/30/12 18:10	JGH	120-82-1	
1,2,3-Trichlorobenzene	Not detected	ug/kg	330	8260B/5035	01/30/12 18:10	JGH	87-61-6	
Naphthalene	Not detected	ug/kg	330	8260B/5035	01/30/12 18:10	JGH	91-20-3	
2-Methylnaphthalene	Not detected	ug/kg	330	8260B/5035	01/30/12 18:10	JGH	91-57-6	

Lab Sample ID: S51439.15
Sample Tag: B-56 012612 (1-3)
Collected Date/Time: 01/26/2012 00:01
Matrix: Soil
COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	40ml Glass	MeOH	Yes	4.2	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				01/31/12 08:45	PCS		

ARCADIS

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

eCOC ID: EDC012512.3

Contact & Company Name:	Telephone:
Brad Saunders ARCADIS	810-225-1904
Address:	**Fax:**
10559 Citation DR	810-229-8837
City State Zip	**E-mail Address:**
Brighton, MI 48116	Brad.Saunders@arcadis-us.com
Project Name/Location (City, State):	**Project #:**
Pontiac EDC/ Pontiac, MI	B0064486.2011.00003
Sampler's Printed Name:	**Sampler's Signature:**
0 Christine Snyder	0

							PCB's	MI-10 Metals	PCB's	VOC						
							No	No	Y							
									No							
							1	1	1							
							4oz	4oz	40mlVoa							
$143																
.01	B-50_012512 (5-6)	1/25/12	815		✓	SO		1	1							hold
.02	B-50_012512 (6-8)	1-25-12	1120		✓	SO		1	1							
.03	B-51_012512 (6-7)	1-25-12	1930		✓	SO		1	1							
.04	B-52_012512 (4-5)	1-25-12	1420		✓	SO		1	1							
.05	B-52_012512 (7-8)	1-25-12	1425		✓	SO		1	1							hold
.06	B-53_012512 (7-8)	1-25-12	1510		✓	SO		1	1							
.07	B-54_012612 (8-10)	1-26-12	0925		✓	SO		1	1							hold
.08	B-54_012612 (4-5)	1-26-12	0930		✓	SO		1	1							
.09/.10	B-55_012612 (1-3) MS/MSD	1-26-12	1145		✓	SO		1	1	3						
.12	Dup-1_012612	1-26-12	—		✓	SO		1	1	1						
.13	B-56_012612 (4-5)	1-26-12	1215		✓	SO		1	1	1						

Special Instructions/Comments:

☐Special QA/QC Instructions (✓)

Lab Name:	Printed Name:	Printed Name:	Printed Name:
Merit	0 Christine Snyder	Isaak Murshak	Paula Straw
☑ Cooler packed with ice (✓)	Signature:	Signature:	Signature:
Specify Turnaround Requirements:	Firm:	Firm:	Firm:
0	Arcadis	Merit	Merit
Fed-Ex Tracking #:	Date/Time:	Date/Time:	Date/Time:
0	1/0/1900 1/26/2012 1500	1/27/12 837	1-27-12 1000