



Environmental Engineering & Consulting Services Since 1975

March 16, 2007

Mr. Fred Rindhage, P.E.
ENCORE
Mail Code: 483-619-356
2000 Centerpoint Parkway
Pontiac, Michigan 48341

**Subject: Draft Phase II Environmental Site Assessment - Summary of Findings
General Motors Parking Lot 8
6241 Cass Avenue
Detroit, Wayne County, Michigan 48202
The Traverse Group Project No. RM063369-005**

Dear Mr. Rindhage:

The Traverse Group is please to provide the following Draft Summary of Findings for the Phase II Environmental Site Assessment (ESA) conducted at 6241 Cass Avenue in Detroit, Michigan, or commonly known as Parking Lot 8 (herein referred to as the “subject property”). The purpose of the Phase II ESA was to investigate the recognized environmental conditions (RECs) identified in the Phase I ESA Update (prepared by The Traverse Group and dated December 22, 2006) and to evaluate if areas of the subject property constitute an environmental “facility” under Part 201 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Part 201). A brief site background, investigation activities, laboratory analytical results, and summary of findings are provided in the following sections.

BACKGROUND INFORMATION

The subject property is located at the intersection of Amsterdam Street and Cass Avenue on the northwest corner (refer to Figure 1). The subject property is rectangular in shape and is a fenced, asphalt-paved parking lot. The subject property is bordered to the north by a railroad and a parking lot beyond, to the northeast, east and south by parking lots, to the southeast by Dagleish Cadillac, to the southwest by a parking garage, and to the west by a display board company.

According to the December 2006 Phase I ESA Update, the subject property was formerly developed as part of a large industrial parcel occupied by the Detroit Motor Co. and the Fire Engine Co. No. 17 from at least 1897, the date of the earliest source available for review. Operational activities included an electrical department, varnishing/plating, and a lead smelting

operation. The Cadillac Motor Car Co., the Fire Engine Co. No. 17, the Fisher Body Shop, used car sales and service, and most recently a paved parking lot have historically occupied the subject property.

INVESTIGATION ACTIVITIES

In June 2004, a geophysical survey was conducted on the subject property to determine the presence or absence of former underground storage tanks (USTs) at the subject property. Blackhawk Geophysical Services, LLC of Mason, Michigan, conducted the geophysical survey along a predetermined grid pattern. The results of the geophysical survey identified anomalies in several sections of the surveyed area. These anomalies were further investigated during the test pit activities summarized below.

In March 2007, test pit activities were performed using a rubber tire backhoe/loader. The Traverse Group contracted Inland Waters Pollution Control of Detroit, Michigan to dig the test pits. One test pit was made in a northerly to southerly direction to a depth of approximately 6 feet below grade (bg) on the southwest portion of the subject property. The north-south test pit was bisected by an additional test pit in an easterly to westerly direction to a depth of approximately 6 feet bg, the maximum depth explored. The north-south test pit was approximately 23 feet long. The east-west test pit was approximately 15 feet long.

In addition, similar test pits were made on the south-central portion of the subject property. The north-south test pit was approximately 29 feet long and the east-west test pit was approximately 16 feet long. An additional test pit was made on the northwest portion of the subject property in an easterly to westerly direction. This test pit was approximately 6 feet long and 6 feet deep. The test pit locations are depicted on Figure 2.

During the test pitting, The Traverse Group observed concrete and brick debris in all three of the test pit locations. In addition, a metal pipe was observed in Test Pit-1, which was located on the southwest part of the subject property. The pipe was observed in the sidewall of the pit. The pit was further excavated to determine the ending point of the pipe. The trench was excavated to approximately 10 feet east, following the metal pipe. The metal pipe turned north at a 90-degree angle and the apparent end of the pipe was found after excavating approximately 5 feet north. The Traverse Group was not able to determine the type of metal pipe (i.e., electrical conduit, water pipe, etc.).

In March 2007, five soil borings (GP-1 through GP-5) were advanced at various strategic locations on the subject property (refer to Figure 2) to address the RECs in the Phase I ESA Update. Borings were advanced by Terra-Probe Environmental of Ottawa Lake, Michigan, using a truck-mounted Geoprobe® drill-rig. Soil samples were collected continuously from grade to the boring terminus at each boring location. Borings were advanced to depths ranging from 5 to 15 feet bg. Groundwater was not encountered during the investigation. Soil boring logs are included in Attachment 1. The soil conditions encountered at the subject property are characterized as follows:

- The soil conditions at GP-1 below the asphalt surface are characterized as brown to dark brown fill material consisting of clay with sand and trace brick to a depth of 3 feet bg, underlain by brown, fine sand to 3.5 feet bg, underlain by brown and gray clay with trace stone and gravel to 13 feet bg, underlain by brown, fine sand to 14 feet bg, underlain by brown and gray, mottled clay to the boring terminus of 15 feet bg. The photoionization detector (PID) readings ranged from 0.0 parts per million (ppm) to 11.3 ppm.
- The soil conditions at GP-2 below the asphalt surface are characterized as brown to dark brown fill material consisting of sand with crushed concrete and trace stone to 4 feet bg, underlain by brown and gray clay with trace stone and gravel to 8 feet bg, underlain by brown, fine sand with brown and gray clay and trace stone to 12 feet bg, underlain by brown and gray, mottled clay to the boring terminus of 14 feet bg. The PID readings were 0.0 ppm.
- The soil conditions at GP-3 below the asphalt surface are characterized as brown and gray fill material consisting of sand with crushed concrete and brick and trace stone to the boring terminus of 5 feet bg. Auger refusal was encountered at 5 feet bg. The PID readings were 0.0 ppm.
- The soil conditions at GP-4 below the asphalt surface are characterized as brown to dark brown fill material consisting of sand with crushed brick and trace gravel to 1.5 feet bg, underlain by 6 inches of crushed, red brick, underlain by brown and gray clay with trace gravel and brick to 4 feet bg, underlain by brown sand with brown and gray clay and trace stone the boring terminus of 14.5 feet bg. The PID readings were 0.0 ppm.
- The soil conditions at GP-5 below the asphalt surface are characterized brown fill material consisting of sand with crushed concrete and brick to a depth of 2.5 feet bg, underlain by brown and gray clay with trace gravel and stone to the boring terminus of 14 feet bg. The PID readings were 0.0 ppm.

LABORATORY ANALYTICAL RESULTS

Based on the limited nature of the investigation, a total of 11 soil samples were collected for laboratory analysis. One soil sample was collected from each Geoprobe® boring location and two soil samples were taken from Test Pit-1 (TP-1) on the southwestern portion of the subject property and Test Pit-2 (TP-2) on the south-central portion of the subject property. Because soil sample GP-3 was submitted from the location of Test Pit-3 (TP-3) on the northwestern portion of the subject property, soil samples were not collected from TP-3. Soil samples were submitted for laboratory analysis of unknown UST parameters. These parameters are as follows:

- Volatile organic compounds (VOCs) by U.S. EPA Method 8260;
- Semi-volatile organic hydrocarbons (SVOCs) by U.S. EPA Method 8270;
- Polychlorinated biphenyls (PCBs) by U.S. EPA Method 8082; and
- 13 Priority Pollutant Metals by U.S. EPA Method 6020.

Laboratory analytical results are presented in Tables 1 through 3. Laboratory analytical reports and chain-of-custody documentation are provided in Attachment 2. The site data was compared to the Michigan Department of Environmental Quality (MDEQ) Generic Residential Cleanup Criteria. The results of the comparison indicated the following:

- GP-1 (8 to 10 feet bg): selenium (640 ug/kg) was detected above the Residential Groundwater Surface Water Interface (GSI) Criteria (400 ug/kg) and the Statewide Default Background Level (SDBL) (410 ug/kg).
- GP-3 (2 to 4 feet bg): benzo(a)pyrene (2,600 ug/kg) was detected above the Residential Direct Contact (DC) Criteria (2,000 ug/kg) and fluoranthene (7,000 ug/kg) were detected above the Residential GSI Criteria (5,500 ug/kg); selenium (500 ug/kg) was detected above the Residential GSI Criteria (400 ug/kg) and the SDBL (410 ug/kg).
- GP-4 (4 to 6 feet bg): selenium (510 ug/kg) was detected above the Residential GSI Criteria (400 ug/kg) and the SDBL (410 ug/kg).
- GP-5 (4 to 6 feet bg): benzo(a)pyrene (2,400 ug/kg) was detected above the Residential DC Criteria (2,000 ug/kg); selenium (730 ug/kg) was detected above the Residential GSI Criteria (400 ug/kg) and the SDBL (410 ug/kg).
- TP-1 (West Bottom): selenium (470 ug/kg) was detected above the Residential GSI Criteria (400 ug/kg) and the SDBL (410 ug/kg).
- TP-2 (South Wall): arsenic (8,900 ug/kg) was detected above the Residential Drinking Water Protection (DWP) Criteria (4,600 ug/kg), the Residential DC Criteria (7,600 ug/kg), and the SDBL (5,800 ug/kg); lead (517,000 ug/kg) was detected above the Residential DC Criteria (400,000 ug/kg) and the SDBL (21,000 ug/kg); mercury (147 ug/kg) was detected above the Residential GSI Criteria (50 ug/kg) and the SDBL (130 ug/kg); selenium (760 ug/kg) was detected above the Residential GSI Criteria (400 ug/kg) and the SDBL (410 ug/kg).

SUMMARY OF FINDINGS

Based on the results of the Phase II ESA, the subject property is an environmental “facility” as defined by Section 20107a of Part 201. The term “facility” is defined as any area, place, or property where a hazardous substance is present in concentrations greater than the MDEQ Generic Residential Cleanup Criteria. Section 20107a of Part 201 requires affirmative obligations on an owner/operator (o/o) of a facility, as defined by the MDEQ. A Due Care Plan is recommended pursuant to Part 201.

The Traverse Group appreciates this opportunity to provide you with our services. If you should have any questions regarding the summary of findings, please feel free to contact us at (313) 871-5800.

Sincerely,



Julie S. Barton
Environmental Consultant



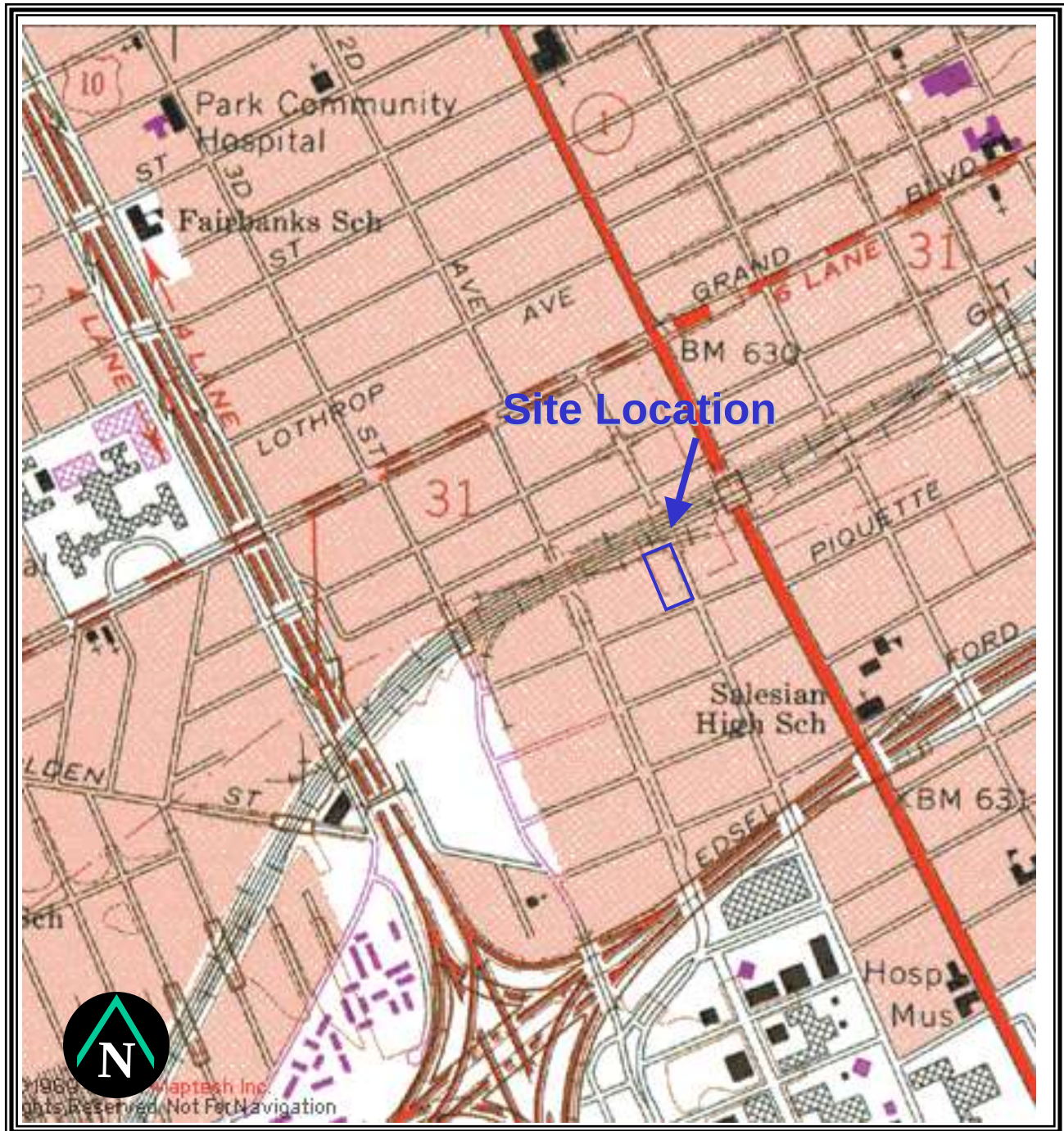
Deanna L. Pietrzak
Project Manager

Enclosures

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ATTACHMENT 1

FIGURES

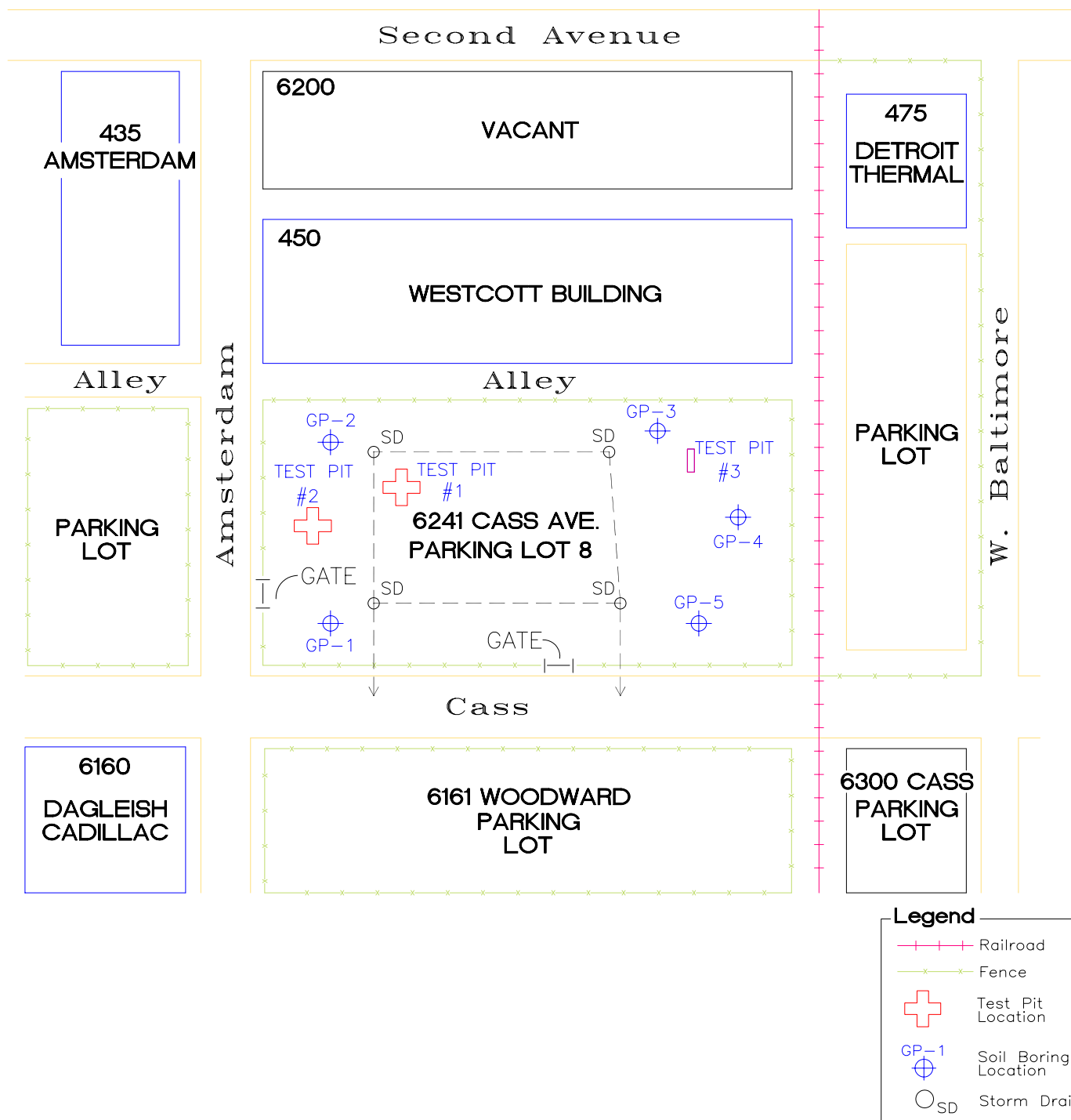


Privileged And Confidential, Prepared At The Request Of Counsel

*Taken from the 1968, Detroit, Michigan 7.5 Series U.S.G.S.
Topographic Quadrangle, photorevised 1973 and 1980*



FIGURE 1
SITE LOCATION AND TOPOGRAPHIC MAP
PARKING LOT 8
6241 CASS AVENUE
DETROIT, MICHIGAN



NOTE: THIS DRAWING IS FOR REFERENCE ONLY AND IS NEITHER COMPLETE NOR TO EXACTING SCALE

O:\ENCORE\PROJECT\LOT 8 Phase II and Test Pitting\DWG



FIGURE 2
TEST PIT AND SOIL BORING LOCATIONS MAP
PARKING LOT 8 - 6241 CASS AVENUE
DETROIT, MICHIGAN

ATTACHMENT 2

BORING LOGS



THE
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LOG OF BORING GP-1

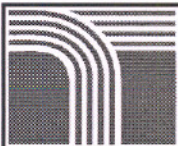
(Page 1 of 1)

Parking Lot 8
6241 Cass Avenue
Detroit, Michigan

Date Drilled : March 6, 2007
Driller : Terra-Probe
Drilling Method : Geoprobe
Sampling Method : Macrocore
TGI Representative : J. Barton

Logged By : J. Barton

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	% Rec- overy	PID (ppmv)	REMARKS
0			Asphalt, brown to dark brown, fill material, with clay and sand, firm, trace stone and brick, dry	100	0.0	Soil Sample: Collected soil sample GP-1 from 8-10' bg. Duplicate soil sample collected.
2	FL					
	SW		Brown, SAND, fine, dry		0.0	Groundwater not encountered.
4			Brown and gray, CLAY, medium soft to firm, trace stone and gravel, moist to dry	100	0.0	Boring abandoned with native soil and bentonite; patched with concrete to grade.
6					0.0	
8	CL			100	11.3	
10					0.0	
12						
	SW		Brown, SAND, fine, trace stone, dry	100	0.0	
14	CL		Brown and gray, mottled, CLAY, very firm, dry		0.0	
16			EOB @ 15' bg.			



THE
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LOG OF BORING GP-2

(Page 1 of 1)

Parking Lot 8
6241 Cass Avenue
Detroit, Michigan

Date Drilled : March 6, 2007
Driller : Terra-Probe
Drilling Method : Geoprobe
Sampling Method : Macrocore
TGI Representative : J. Barton

Logged By : J. Barton

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	% Rec- overy	PID (ppmv)	REMARKS
0			Asphalt, brown to dark brown, fill material, with sand, crushed concrete, trace stone, dry	95	0.0	Soil Sample: Collected soil sample GP-2 from 2-4' bg. Groundwater not encountered.
2	FL				0.0	Boring abandoned with native soil and bentonite; patched with concrete to grade.
4			Brown and gray, CLAY, soft to stiff, trace stone and gravel, moist to dry	100	0.0	
6	CL				0.0	
8			Brown, SAND, fine, with brown and gray clay, trace stone, very dry	100	0.0	
10	SW				0.0	
12			Brown and gray, mottled, CLAY, stiff, dry	100	0.0	
14	CL					
16			EOB @ 14' bg. auger refusal			



**THE
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LOG OF BORING GP-3

(Page 1 of 1)

Parking Lot 8
6241 Cass Avenue
Detroit, Michigan

Date Drilled : March 6, 2007
Driller : Terra-Probe
Drilling Method : Geoprobe
Sampling Method : Macrocore
TGI Representative : J. Barton

Logged By : J. Barton

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	% Rec- overy	PID (ppmv)	REMARKS
0	FL		Asphalt, brown and gray, fill material, with sand, crushed concrete and brick, trace stone, dry	80	0.0	Soil Sample: Collected soil sample GP-3 from 2-4' bg. Groundwater not encountered. Boring abandoned with native soil and bentonite; patched with concrete to grade.
1						
2						
4						
6						
8			EOB @ 5' bg. auger refusal			



THE
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LOG OF BORING GP-4

(Page 1 of 1)

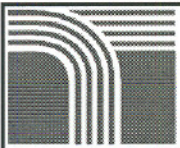
Parking Lot 8
6241 Cass Avenue
Detroit, Michigan

Date Drilled : March 6, 2007
Driller : Terra-Probe
Drilling Method : Geoprobe
Sampling Method : Macrocore
TGI Representative : J. Barton

Logged By : J. Barton

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	% Rec- overy	PID (ppmv)	REMARKS
0	FL		Asphalt, brown to dark brown, fill material, with sand, fine, crushed brick, trace gravel, dry	100	0.0	Soil Sample: Collected soil sample GP-4 from 4-6' bg.
2	CL		Brown and gray, CLAY, trace gravel and brick, medium stiff, dry		0.0	Groundwater not encountered.
4	SC		Brown, SAND, with brown and gray clay, trace stone, dry	100	0.0	Boring abandoned with native soil and bentonite; patched with concrete to grade.
6					0.0	
8					0.0	
10				100	0.0	
12				100	0.0	
14					0.0	
16						

EOB @ 14.5' bg.



**THE
TRAVERSE
GROUP**

LOG OF BORING GP-5

(Page 1 of 1)

Parking Lot 8
6241 Cass Avenue
Detroit, Michigan

Date Drilled : March 6, 2007
Driller : Terra-Probe
Drilling Method : Geoprobe
Sampling Method : Macrocore
TGI Representative : J. Barton

Logged By : J. Barton

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	% Rec- overy	PID (ppmv)	REMARKS
0	FL		Asphalt, brown, fill material, with sand, fine, crushed concrete and brick, dry	95	0.0	Soil Sample: Collected soil sample GP-5 from 4-6' bg.
2			Brown and gray, CLAY, stiff, trace gravel and stone, dry, moist and soft at 7' bg.			Groundwater not encountered.
4	CL			100	0.0	Boring abandoned with native soil and bentonite; patched with concrete to grade.
6					0.0	
8				100	0.0	
10					0.0	
12				100	0.0	
14					0.0	
16			EOB @ 14' bg.			

ATTACHMENT 3

TABLES

DRAFT Table 1
Summary of Soil Sample Analysis - VOCs
6241 Cass Avenue
Detroit, Michigan

Residential and Commercial I Criteria																					
Chemical	Drinking Water Protection Criteria (µg/kg)	Groundwater/ Surface Water Interface Protection Criteria (µg/kg)	Groundwater Contact Protection Criteria (µg/kg)	Soil Volatilization to Indoor Air Inhalation Criteria (µg/kg)	Infinite Source Volatile Soil Inhalation Criteria (VSIC) (µg/kg)	Particulate Soil Inhalation Criteria (µg/kg)	Direct Contact Criteria (µg/kg)	Soil Saturation Concentration Screening Levels (µg/kg)	Most Stringent Criteria (µg/kg)	GP-1 (8-10')	GP-1 (8-10') Duplicate	GP-2 (2-4')	GP-3 (2-4)	GP-4 (4-6')	GP-5 (4-6')	TP-1 (West Bottom)	TP-1 (West Bottom) Duplicate	TP-1 (South Wall)	TP-2 (North Wall)	TP-2 (South Wall)	MDL (µg/kg)
Date Collected										3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/7/2007	3/7/2007	3/7/2007	3/7/2007	3/7/2007	
PID Reading (ppmv)										11.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
VOCs (EPA Method 8260)																					
Acetone (I)	15,000	34,000	110,000,000(C)	110,000,000(C)	130,000,000	390,000,000,000	23,000,000	110,000,000	15,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	560
Acrylonitrile (I)	100(M);52	100(M,X);98	280,000	6,600	5,000	46,000,000	16,000	8,300,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
Benzene (I)	100	4,000(X)	220,000	1,600	13,000	380,000,000	180,000	400,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Bromodichloromethane	1,600(W)	ID	280,000	1,200	9,100	84,000,000	110,000	1,500,000	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
Bromoform	1,600(W)	ID	870,000(C)	150,000	900,000	2,800,000,000	820,000	870,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
Bromomethane	200	700	1,400,000	860	11,000	330,000,000	320,000	2,200,000	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
n-Butylbenzene	1,600	ID	120,000	ID	ID	ID	2,500,000	10,000,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
sec-Butylbenzene	1,600	ID	88,000	ID	ID	ID	2,500,000	10,000,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
tert-Butylbenzene (I)	1,600	NA	180,000	ID	ID	ID	2,500,000	10,000,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Carbon tetrachloride	100	900(X)	92,000	190	3,500	130,000,000	96,000	390,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Chlorobenzene (I)	2,000	940	260,000(C)	120,000	770,000	4,700,000,000	260,000(C)	260,000	940	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Chloroethane	8,600	ID	950,000(C)	950,000(C)	30,000,000	670,000,000,000	950,000(C)	950,000	8,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
Chloroform	1,600(W)	3,400(X)	1,500,000(C)	7,200	45,000	1,300,000,000	1,200,000	1,500,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Chloromethane (I)	5,200	ID	1,100,000(C)	2,300	40,000	4,900,000,000	1,100,000(C)	1,100,000	2,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
Dibromochloromethane	1,600(W)	ID	360,000	3,900	24,000	130,000,000	110,000	610,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,2-Dichlorobenzene	14,000	360	210,000(C)	210,000(C)	39,000,000	100,000,000,000	210,000(C)	210,000	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,3-Dichlorobenzene	170	1,100	51,000	ID	ID	ID	170,000(C)	170,000	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,4-Dichlorobenzene	1,700	290	140,000	19,000	77,000	450,000,000	400,000	NA	290	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,1-Dichloroethane	18,000	15,000	890,000(C)	230,000	2,100,000	33,000,000,000	890,000(C)	890,000	15,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
1,2-Dichloroethane (I)	100	7,200(X)	380,000	2,100	6,200	120,000,000	91,000	1,200,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
1,1-Dichloroethene (I)	140	1,300(X)	220,000	62	1,100	62,000,000	200,000	570,000	62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
cis-1,2-Dichloroethene	1,400	12,000	640,000(C)	22,000	180,000	2,300,000,000	640,000(C)	640,000	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
trans-1,2-Dichloroethene	2,000	30,000	1,400,000(C)	23,000	280,000	4,700,000,000	1,400,000(C)	1,400,000	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
1,2-Dichloropropane (I)	100	5,800(X)	320,000	4,000	25,000	270,000,000	140,000	550,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
cis-1,3-Dichloropropane	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
trans-1,3-Dichloropropene	170	NA	110,000	1,000	18,000	780,000,000	10,000	620,000	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Ethylbenzene (I)	1,500	360	140,000(C)	87,000	720,000	10,000,000,000	140,000(C)	140,000	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Isopropylbenzene	91,000	ID	390,000(C)	390,000(C)	1,700,000	5,800,000,000	390,000(C)	390,000	91,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
2-Methylnaphthalene	57,000	ID	5,500,000	ID	ID	ID	8,100,000	NA	57,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
Methylene chloride	100	19,000(X)	2,300,000(C)	45,000	210,000	6,600,000,000	1,300,000	2,300,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
4-Methyl-2-pentanone (MIBK) (I)	36,000	ID	2,700,000(C)	2,700,000(C)	45,000,000	140,000,000,000	2,700,000(C)	2,700,000	36,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Methyl tert-butyl ether (MTBE)	800	15,000(X)	5,900,000(C)	5,900,000(C)	25,000,000	200,000,000,000	1,500,000	5,900,000	800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
Naphthalene	35,000	870	2,100,000	250,000	300,000	200,000,000	16,000,000	NA	870	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
n-Propylbenzene (I)	1,600	NA	300,000	ID	ID	1,300,000,000	2,500,000	10,000,000	1,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
Styrene	2,700	2,200	270,000	250,000	970,000	5,500,000,000	400,000	520,000	2,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
1,1,1,2-Tetrachloroethane	1,500	ID(X)	440,000(C)	6,200	36,000	420,000,000	440,000(C)	440,000	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,1,2,2-Tetrachloroethane	170	1,600(X)	94,000	4,300	10,000	54,000,000	53,000	870,000	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Tetrachloroethene	100	900(X)	88,000(C)	11,000	180,000	5,400,000,000	88,000(C)	88,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Toluene (I)	16,000	2,800	250,000(C)	250,000(C)	2,800,000	27,000,000,000	250,000(C)	250,000	2,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,2,3-Trichlorobenzene	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150
1,2,4-Trichlorobenzene	4,200	1,800	1,100,000	1,100,000(C)	28,000,000	25,000,000,000	990,000(DD)	1,100,000	1,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180
1,1,1-Trichloroethane	4,000	4,000	460,000(C)	250,000	3,800,000	67,000,000,000	460,000(C)	460,000	4,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
1,1,2-Trichloroethane	100	6,600(X)	420,000	4,600	17,000	190,000,000	180,000	920,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Trichloroethylene	100	4,000(X)	440,000	7,100	78,000	1,800,000,000	500,000(C,DD)	500,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70	28
Trichlorofluoromethane	52,000	NA	560,000(C)	560,000(C)	92,000,000	3,800,000,000,000	560,000(C)	560,000	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,2,4-Trimethylbenzene (I)	2,100	570	110,000(C)	110,000(C)	21,000,000	82,000,000,000	110,000(C)	110,000	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
1,3,5-Trimethylbenzene (I)	1,800	1,100	94,000(C)	94,000(C)	16,000,000	82,000,000,000	94,000(C)	94,000	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56
Vinyl chloride	40	300	20,000	270	4,200	350,000,000	3,800	490,000	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28
Xylenes (I)	5,600	700	150,000(C)	150,000(C)	46,000,000	290,000,000,000	150,000(C)	150,000	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	84
Other VOCs	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--

Residential and Commercial I DCC are protective of both prenatal and postnatal exposure. 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. I=Hazardous substance may exhibit the characteristic of ignitability as defined in 40 CFR 261.21. ID=Inadequate date to develop criterion. M=Calculated criterion is below the analytical target detection limit (TDL), therefore, the criterion defaults to the TDL. NA=Criterion or value is not available or, as is the case for Csat, not applicable. NR=Analysis for this parameter was not requested. W=Concentrations of trihalomethanes in soil must be added together to determine compliance with the DWPC of 2,000 ug/kg. X=The GSI criterion shown is not protective for surface water that is used as a drinking water source. **= Hazardous substance does not have criteria published in Operational Memorandum No. 18. ND=Analyte not detected above method detection limits. Where two numbers are present in a cell, the first number is the Target Detection Limit (TDL) and the second number is the risk-based value. Highlighted and shaded values exceed one or more listed Cleanup Criteria.

DRAFT Table 2
Summary of Soil Sample Analysis - SVOCs
6241 Cass Avenue
Detroit, Michigan

	Residential and Commercial I Criteria																				
	Drinking Water Protection Criteria (µg/kg)	Groundwater/ Surface Water Interface Protection Criteria (µg/kg)	Groundwater Contact Protection Criteria (µg/kg)	Soil Volatilization to Indoor Air Inhalation Criteria (µg/kg)	Infinite Source Volatile Soil Inhalation Criteria (VSIC) (µg/kg)	Particulate Soil Inhalation Criteria (µg/kg)	Direct Contact Criteria (µg/kg)	Soil Saturation Concentration Screening Levels (µg/kg)	Most Stringent Criteria (µg/kg)	GP-1 (8-10')	GP-1 (8-10') Duplicate	GP-2 (2-4')	GP-3 (2-4)	GP-4 (4-6')	GP-5 (4-6')	TP-1 (West Bottom)	TP-1 (West Bottom) Duplicate	TP-1 (South Wall)	TP-2 (North Wall)	TP-2 (South Wall)	MDL (µg/kg)
Date Collected										3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/7/2007	3/7/2007	3/7/2007	3/7/2007	3/7/2007	
PID Reading (ppmv)										11.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SVOCs (EPA Method 8270)																					
Acenaphthene	300,000	4,400	970,000	190,000,000	81,000,000	14,000,000,000	41,000,000	NA	4,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900
Acenaphthylene	5,900	ID	440,000	1,600,000	2,200,000	2,300,000,000	1,600,000	NA	5,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Anthracene	41,000	ID	41,000	1,000,000,000(D)	1,400,000,000	67,000,000,000	230,000,000	NA	41,000	ND	ND	ND	1,100	ND	ND	ND	ND	ND	ND	ND	380
Benz(a)anthracene(Q)	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	20,000	ND	ND	ND	2,800	ND	2,100	ND	ND	ND	ND	ND	390
Benzo(b)fluoranthene(Q)	NLL	NLL	NLL	ID	ID	ID	20,000	NA	20,000	ND	ND	ND	2,300	ND	2,000	ND	ND	ND	ND	ND	380
Benzo(k)fluoranthene(Q)	NLL	NLL	NLL	NLV	NLV	ID	200,000	NA	200,000	ND	ND	ND	1,900	ND	2,000	ND	ND	ND	ND	ND	380
Benzo(g,h,i)perylene	NLL	NLL	NLL	NLV	NLV	800,000,000	2,500,000	NA	2,500,000	ND	ND	ND	1,500	ND	1,600	ND	ND	ND	ND	ND	380
Benzo(a)pyrene(Q)	NLL	NLL	NLL	NLV	NLV	1,500,000	2,000	NA	2,000	ND	ND	ND	2,600	ND	2,400	ND	ND	ND	ND	ND	380
Bis(2-chloroethoxy)methane	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Bis(2-chloroethyl)ether (I)	100	300	110,000	8,300	3,800	9,400,000	13,000	2,200,000	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
Bis(2-chloroisopropyl)ether	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Bis(2-ethylhexyl)phthalate	NLL	NLL	NLL	NLV	NLV	700,000,000	2,800,000	10,000,000	2,800,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Butyl benzyl phthalate	310,000(C)	26,000(X)	310,000(C)	NLV	NLV	47,000,000,000	310,000(C)	310,000	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2-Chloronaphthalene	**	**	**	**	**	**	**	**		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
4-Chloro-3-methylphenol	5,800	280	3,000,000	NLV	NLV	ID	4,500,000	NA	280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	320
2-Chlorophenol	900	440	1,900,000	ID	ID	ID	1,400,000	19,000,000	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
4-Chlorophenyl phenyl ether	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Chrysene (Q)	NLL	NLL	NLL	ID	ID	ID	2,000,000	NA	2,000,000	ND	ND	ND	3,100	ND	2,200	ND	ND	ND	ND	ND	380
Dibenzo(a,h)anthracene(Q)	NLL	NLL	NLL	NLV	NLV	ID	2,000	NA	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Dibenzofuran	ID	1,700	ID	ID	ID	ID	ID	NA	1,700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Di-n-butyl phthalate	760,000(C)	11,000	760,000(C)	NLV	NLV	3,300,000,000	760,000(C)	760,000	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2,4-Dichlorophenol	1,500	380	960,000	NLV	NLV	5,100,000,000	660,000(DD)	1,800,000	380	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Diethyl phthalate	110,000	2,200	740,000(C)	NLV	NLV	3,300,000,000	740,000(C)	740,000	2,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2,4-Dimethylphenol	7,400	7,600	10,000,000	NLV	NLV	4,700,000,000	11,000,000	NA	7,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Dimethyl phthalate	790,000(C)	NA	790,000(C)	NLV	NLV	3,300,000,000	790,000(C)	790,000	790,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
4,6-Dinitro-2-methylphenol	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
2,4-Dinitrophenol	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
2,4-Dinitrotoluene	430	NA	170,000	NLV	NLV	16,000,000	48,000	NA	430	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2,6-Dinitrotoluene	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Di-n-octyl phthalate	100,000,000	ID	140,000,000(C)	NLV	NLV	ID	6,900,000	140,000,000	6,900,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Fluoranthene	730,000	5,500	730,000	1,000,000,000(D)	740,000,000	9,300,000,000	46,000,000	NA	5,500	ND	ND	ND	7,000	ND	2,600	ND	ND	ND	ND	ND	380
Fluorene	390,000	5,300	890,000	580,000,000	130,000,000	9,300,000,000	27,000,000	NA	5,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900
Hexachlorobenzene (C-66)	1,800	350	8,200	41,000	17,000	6,800,000	8,900	NA	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Hexachlorobutadiene (C-46)	26,000	91	350,000(C)	130,000	130,000	140,000,000	100,000	350,000	91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Hexachlorocyclopentadiene (C-56)	320,000	ID	720,000(C)	30,000	50,000	13,000,000	720,000(C)	720,000	30,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Hexachloroethane	430	1,800(X)	110,000	40,000	550,000	230,000,000	230,000	NA	430	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	340
Indeno(1,2,3-cd)pyrene(Q)	NLL	NLL	NLL	NLV	NLV	ID	20,000	NA	20,000	ND	ND	ND	1,400	ND	1,400	ND	ND	ND	ND	ND	380
Isophorone	15,000	11,000(X)	2,400,000(C)	NLV	NLV	12,000,000,000	2,400,000(C)	2,400,000	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2-Methylnaphthalene	57,000	ID	5,500,000	ID	ID	ID	8,100,000	NA	57,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,800
2-Methylphenol (o-Cresol) (J)	7,400	1,400	16,000,000	NLV	NLV	6,700,000,000	11,000,000	NA	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
3-Methylphenol (m-Cresol) (J)	7,400	1,400	16,000,000	NLV	NLV	6,700,000,000	11,000,000	NA	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
4-Methylphenol (p-Cresol) (J)	7,400	1,400	16,000,000	NLV	NLV	6,700,000,000	11,000,000	NA	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Naphthalene	35,000	870	2,100,000	250,000	300,000	200,000,000	16,000,000	NA	870	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2-Nitroaniline	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
3-Nitroaniline	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
4-Nitroaniline	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
Nitrobenzene (I)	330(M);68	3,600(X)	220,000	91,000	54,000	47,000,000	100,000	490,000	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
2-Nitrophenol	400	ID	1,600,000	NLV	NLV	ID	630,000	NA	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
4-Nitrophenol	**	**	**	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	940
N-Nitrosodiphenylamine	5,400	NA	700,000	NLV	NLV	ID	1,700,000	NA	5,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
N-Nitroso-di-n-propylamine	330(M);100	NA	7,200	NLV	NLV	1,600,000	1,200	1,500,000	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380
Pentachlorophenol	22	(G,X)	4,300	NLV	NLV	100,000,000	90,000	NA	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	910
Phenanthrene	56,000	5,																			

B=Background, as defined in Rule 299.5701(c), may be substituted if higher than the calculated cleanup criteria. D=Calculated criterion exceeds 100%; hence, it is reduced to 100% (i.e., 1.0E+9 ppb). G=GSI criterion is pH or water hardness dependent. H=Valence-specific chromium data (Cr III and Cr VI) must be compared to the corresponding valence-specific cleanup criteria. If analytical data are provided for "total" chromium only, then values for Cr VI must be applied as the cleanup criteria. ID=Inadequate date to develop criterion. J=Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria. M=Calculated criterion is below the analytical target detection limit (TDL), therefore, the criterion defaults to the TDL. NA=Criterion or value is not available or, as is the case for Csat, not applicable. ND=Analyte not detected above method detection limits. NLL=Hazardous substance is not likely to leach under most soil conditions. NLV=Hazardous substance is not likely to volatilize under most conditions. NR=Analysis of the sample for this parameter was not requested. Q=Criteria for carcinogenic polycyclic aromatic hydrocarbons (PNAs) were developed using "relative potential potencies" (RPPs) to benzo(a)pyrene.

T=Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, as amended to determine the applicability of TSCA cleanup standards. Use Part 201 soil direct contact criteria where TSCA standards are not applicable. X=The GSI criterion shown is not protective for surface water that is used as a drinking water source. Where two numbers are present in a cell, the first number is the Target Detection Limit (TDL) and

DRAFT Table 3
Summary of Soil Sample Analysis - Metals and PCBs
6241 Cass Avenue
Detroit, Michigan

Residential and Commercial I Criteria																		
Chemical	Chemical Abstract Service (CAS) Number	Statewide Default Background Levels (µg/kg)	Drinking Water Protection Criteria (µg/kg)	Groundwater/ Surface Water Interface Protection Criteria (µg/kg)	Groundwater Contact Protection Criteria (µg/kg)	Soil Volatilization to Indoor Air Inhalation Criteria (µg/kg)	Infinite Source Volatile Soil Inhalation Criteria (VSIC) (µg/kg)	Particulate Soil Inhalation Criteria (µg/kg)	Direct Contact Criteria (µg/kg)	Soil Saturation Concentration Screening Levels (µg/kg)	Most Stringent Criteria (µg/kg)	GP-1 (8-10')	GP-1 (8-10') Duplicate	GP-2 (2-4')	GP-3 (2-4)	GP-4 (4-6')	GP-5 (4-6')	TP-1 (West Bottom)
Date Collected												3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/6/2007	3/7/2007
PID Reading (ppmv)												11.3	11.3	0.0	0.0	0.0	0.0	0.0
METALS (EPA Method 6020)																		
Antimony	7440360	NA	4,300	94,000	49,000,000	NLV	NLV	13,000,000	180,000	NA	4,300	ND	ND	ND	ND	ND	ND	ND
Arsenic	7440382	5,800	4,600	70,000(X)	2,000,000	NLV	NLV	720,000	7,600	NA	5,800	1,350	1,690	810	1,840	750	1,060	1,350
Beryllium	7440417	NA	51,000	(G)	1,000,000,000	NLV	NLV	1,300,000	410,000	NA	51,000	ND	ND	ND	ND	ND	ND	ND
Cadmium (B)	7440439	1,200	6,000	(G,X)	230,000,000	NLV	NLV	1,700,000	550,000	NA	6,000	ND	ND	ND	360	ND	220	ND
Chromium (B,H)	18540299	18,000	30,000	3,300	140,000,000	NLV	NLV	260,000	2,500,000	NA	18,000	4,900	5,500	ND	5,100	6,900	5,000	4,300
Copper (B)	7440508	32,000	5,800,000	(G)	1,000,000,000(D)	NLV	NLV	130,000,000	20,000,000	NA	5,800,000	4,900	5,800	2,400	56,500	5,900	7,500	9,700
Lead (B) total	7439921	21,000	700,000	(G,X)	ID	NLV	NLV	100,000,000	400,000	NA	400,000	4,700	5,600	10,800	109,000	6,600	9,800	4,800
Mercury (Total) (B,Z)	varies	130	1,700	50(M);1.2	47,000	48,000	52,000	20,000,000	160,000	NA	130	ND	ND	ND	62	ND	ND	ND
Nickel (B)	7440020	20,000	100,000	(G)	1,000,000,000	NLV	NLV	13,000,000	40,000,000	NA	100,000	6,900	8,200	1,300	7,000	7,200	5,500	6,600
Selenium (B)	7782492	410	4,000	400	78,000,000	NLV	NLV	130,000,000	2,600,000	NA	410	640	550	350	500	510	730	470
Silver (B)	7440224	1,000	4,500	100(M);27	200,000,000	NLV	NLV	6,700,000	2,500,000	NA	1,000	ND	ND	ND	ND	ND	ND	ND
Thallium (B)	7440280	NA	2,300	4,200 (X)	15,000,000	NLV	NLV	ID	35,000	NA	2,300	ND	ND	ND	ND	ND	ND	ND
Zinc (B)	7440666	47,000	2,400,000	(G)	1,000,000,000(D)	NLV	NLV	ID	170,000,000	NA	2,400,000	18,000	18,600	4,800	78,400	20,100	38,000	18,200
Polychlorinated Biphenyls (PCBs) (EPA Method 8082)																		
PCBs (J,T)	NA	NA	NLL	NLL	NLL	3,000,000	240,000	5,200,000	(T)	NA	240,000	ND	ND	ND	ND	ND	ND	ND

B=Background, as defined in Rule 299.5701(c), may be substituted if higher than the calculated cleanup criteria. D=Calculated criterion exceeds 100%; hence, it is reduced to 100% (i.e., 1.0E+9 ppb). G=GSI criterion is pH or water hardness dependent. H=Valence-specific chromium data (Cr III and Cr VI) must be compared to the corresponding valence-specific cleanup criteria. If analytical data are provided for "total" chromium only, then values for Cr VI must be applied as the cleanup criteria. ID=Inadequate date to develop criterion. J=Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria. M=Calculated criterion is below the analytical target detection limit (TDL), therefore, the criterion defaults to the TDL. NA=Criterion or value is not available or, as is the case for Csat, not applicable. ND=Analyte not detected above method detection limits. NLL=Hazardous substance is not likely to leach under most soil conditions. NLV=Hazardous substance is not likely to volatilize under most conditions. NR=Analysis of the sample for this parameter was not requested. Q=Criteria for carcinogenic polycyclic aromatic hydrocarbons (PNAs) were developed using "relative potential potencies" (RPPs) to benzo(a)pyrene. T=Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, as amended to determine the applicability of TSCA cleanup standards. Use Part 201 soil direct contact criteria where TSCA standards are not applicable. X=The GSI criterion shown is not protective for surface water that is used as a drinking water source. Where two numbers are present in a cell, the first number is the Target Detection Limit (TDL) and the second number is the risk-based value. Highlighted and shaded values exceed one or more listed Cleanup Criteria.

DRAFT Table 3
Summary of Soil Sample Analysis - Metals and PCBs
6241 Cass Avenue
Detroit, Michigan

Residential and Commercial I Criteria																
Chemical	Chemical Abstract Service (CAS) Number	Statewide Default Background Levels (µg/kg)	Drinking Water Protection Criteria (µg/kg)	Groundwater/ Surface Water Interface Protection Criteria (µg/kg)	Groundwater Contact Protection Criteria (µg/kg)	Soil Volatilization to Indoor Air Inhalation Criteria (µg/kg)	Infinite Source Volatile Soil Inhalation Criteria (VSIC) (µg/kg)	Particulate Soil Inhalation Criteria (µg/kg)	Direct Contact Criteria (µg/kg)	Soil Saturation Concentration Screening Levels (µg/kg)	Most Stringent Criteria (µg/kg)	TP-1 (West Bottom) Duplicate	TP-1 (South Wall)	TP-2 (North Wall)	TP-2 (South Wall)	MDL (µg/kg)
Date Collected												3/7/2007	3/7/2007	3/7/2007	3/7/2007	
PID Reading (ppmv)												0.0	0.0	0.0	0.0	
METALS (EPA Method 6020)																
Antimony	7440360	NA	4,300	94,000	49,000,000	NLV	NLV	13,000,000	180,000	NA	4,300	ND	ND	ND	ND	100
Arsenic	7440382	5,800	4,600	70,000(X)	2,000,000	NLV	NLV	720,000	7,600	NA	5,800	1,300	420	390	8,900	100
Beryllium	7440417	NA	51,000	(G)	1,000,000,000	NLV	NLV	1,300,000	410,000	NA	51,000	ND	ND	ND	ND	0.5
Cadmium (B)	7440439	1,200	6,000	(G,X)	230,000,000	NLV	NLV	1,700,000	550,000	NA	6,000	ND	320	ND	480	200
Chromium (B,H)	18540299	18,000	30,000	3,300	140,000,000	NLV	NLV	260,000	2,500,000	NA	18,000	5,200	4,800	5,200	6,200	2,000
Copper (B)	7440508	32,000	5,800,000	(G)	1,000,000,000(D)	NLV	NLV	130,000,000	20,000,000	NA	5,800,000	5,200	18,100	4,800	41,000	1,000
Lead (B) total	7439921	21,000	700,000	(G,X)	ID	NLV	NLV	100,000,000	400,000	NA	400,000	4,200	10,700	9,300	517,000	1,000
Mercury (Total) (B,Z)	varies	130	1,700	50(M);1.2	47,000	48,000	52,000	20,000,000	160,000	NA	130	ND	ND	ND	147	250
Nickel (B)	7440020	20,000	100,000	(G)	1,000,000,000	NLV	NLV	13,000,000	40,000,000	NA	100,000	9,000	4,600	5,600	10,500	740
Selenium (B)	7782492	410	4,000	400	78,000,000	NLV	NLV	130,000,000	2,600,000	NA	410	480	200	ND	760	150
Silver (B)	7440224	1,000	4,500	100(M);27	200,000,000	NLV	NLV	6,700,000	2,500,000	NA	1,000	ND	ND	ND	ND	74
Thallium (B)	7440280	NA	2,300	4,200 (X)	15,000,000	NLV	NLV	ID	35,000	NA	2,300	ND	ND	ND	1,740	1,900
Zinc (B)	7440666	47,000	2,400,000	(G)	1,000,000,000(D)	NLV	NLV	ID	170,000,000	NA	2,400,000	17,300	20,200	31,800	195,000	740
Polychlorinated Biphenyls (PCBs) (EPA Method 8082)																
PCBs (J,T)	NA	NA	NLL	NLL	NLL	3,000,000	240,000	5,200,000	(T)	NA	240,000	ND	ND	ND	ND	330

B=Background, as defined in Rule 299.5701(c), may be substituted if higher than the calculated cleanup criteria. D=Calculated criterion exceeds 100%; hence, it is reduced to 100% (i.e., 1.0E+9 ppb). G=GSI criterion is pH or water hardness dependent. H=Valence-specific chromium data (Cr III and Cr VI) must be compared to the corresponding valence-specific cleanup criteria. If analytical data are provided for "total" chromium only, then values for Cr VI must be applied as the cleanup criteria. ID=Inadequate data to develop criterion. J=Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria. M=Calculated criterion is below the analytical target detection limit (TDL), therefore, the criterion defaults to the TDL. NA=Criterion or value is not available or, as is the case for Csat, not applicable. ND=Analyte not detected above method detection limits. NLL=Hazardous substance is not likely to leach under most soil conditions. NLV=Hazardous substance is not likely to volatilize under most conditions. NR=Analysis of the sample for this parameter was not requested. Q=Criteria for carcinogenic polycyclic aromatic hydrocarbons (PNAs) were developed using "relative potential potencies" (RPPs) to benzo(a)pyrene. T=Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, as amended to determine the applicability of TSCA cleanup standards. Use Part 201 soil direct contact criteria where TSCA standards are not applicable. X=The GSI criterion shown is not protective for surface water that is used as a drinking water source. Where two numbers are present in a cell, the first number is the Target Detection Limit (TDL) and the second number is the risk-based value. Highlighted and shaded values exceed one or more listed Cleanup Criteria.

ATTACHMENT 4
ANALYTICAL RESULTS



Analytical Laboratory Report

Report ID: S31036.01(01)

Generated on 03/13/2007

Report to

Attention: Deanna Pietrzak
The Traverse Group
7451 Third Street
Detroit, MI 48202

Phone: 313-871-5800 FAX: 313-871-5802

Email: dpietrzak@thetraversegroup.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): S31036.01-S31036.11

Project: Lot 8 6241 Cass

Collected Date: 03/06/2007 - 03/07/2007

Submitted Date/Time: 03/08/2007 10:00

Sampled by: Julie Barton

P.O. #:

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 RDL.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

A handwritten signature in cursive script that reads "Violetta F. Murshak".

Violetta F. Murshak
Laboratory Director



Analytical Laboratory Report

Sample Summary (11 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S31036.01	GP-1 (8-10')	Soil	03/06/2007
S31036.02	GP-1 (8-10') Duplicate	Soil	03/06/2007
S31036.03	GP-2 (2-4')	Soil	03/06/2007
S31036.04	GP-3 (2-4')	Soil	03/06/2007
S31036.05	GP-4 (4-6')	Soil	03/06/2007
S31036.06	GP-5 (4-6')	Soil	03/06/2007
S31036.07	TP-1 (WB)	Soil	03/07/2007
S31036.08	TP-1 (WB) Duplicate	Soil	03/07/2007
S31036.09	TP-1 (SW)	Soil	03/07/2007
S31036.10	TP-2 (NW)	Soil	03/07/2007
S31036.11	TP-2 (SW)	Soil	03/07/2007



Analytical Laboratory Report

Lab Sample ID: S31036.01
Sample Tag: GP-1 (8-10')
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	88	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 15:24	SLS	7440-36-0	
Arsenic	1.35	mg/kg	0.10	6020	03/08/07 15:24	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 15:24	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 15:24	SLS	7440-43-9	
Chromium	4.9	mg/kg	2.0	6020	03/08/07 15:24	SLS	7440-47-3	
Copper	4.9	mg/kg	1.0	6020	03/08/07 15:24	SLS	7440-50-8	
Lead	4.7	mg/kg	1.0	6020	03/08/07 15:24	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:24	JRT	7439-97-6	
Nickel	6.9	mg/kg	1.0	6020	03/08/07 15:24	SLS	7440-02-0	
Selenium	0.64	mg/kg	0.20	6020	03/08/07 15:24	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 15:24	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 15:24	SLS	7440-28-0	
Zinc	18.0	mg/kg	1.0	6020	03/08/07 15:24	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 16:49	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.01 (continued)

Sample Tag: GP-1 (8-10')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 17:15	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 17:15	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.01 (continued)

Sample Tag: GP-1 (8-10')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:15	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 16:23	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:23	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.01 (continued)

Sample Tag: GP-1 (8-10')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 16:23	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 16:23	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 16:23	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 16:23	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 16:23	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:23	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:23	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 16:23	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:23	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 16:23	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:23	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 16:23	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:23	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:23	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.02
Sample Tag: GP-1 (8-10') Duplicate
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	89	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:07	SLS	7440-36-0	
Arsenic	1.69	mg/kg	0.10	6020	03/08/07 16:07	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:07	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:07	SLS	7440-43-9	
Chromium	5.5	mg/kg	2.0	6020	03/08/07 16:07	SLS	7440-47-3	
Copper	5.8	mg/kg	1.0	6020	03/08/07 16:07	SLS	7440-50-8	
Lead	5.6	mg/kg	1.0	6020	03/08/07 16:07	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:26	JRT	7439-97-6	
Nickel	8.2	mg/kg	1.0	6020	03/08/07 16:07	SLS	7440-02-0	
Selenium	0.55	mg/kg	0.20	6020	03/08/07 16:07	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:07	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:07	SLS	7440-28-0	
Zinc	18.6	mg/kg	1.0	6020	03/08/07 16:07	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 13:48	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.02 (continued)

Sample Tag: GP-1 (8-10') Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 17:50	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 17:50	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.02 (continued)

Sample Tag: GP-1 (8-10') Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 17:50	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 16:42	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:42	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.02 (continued)

Sample Tag: GP-1 (8-10') Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 16:42	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	800	8260B/5035	03/08/07 16:42	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 16:42	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 16:42	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 16:42	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:42	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:42	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 16:42	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 16:42	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 16:42	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 16:42	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 16:42	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 16:42	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 16:42	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.03
Sample Tag: GP-2 (2-4')
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	93	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:11	SLS	7440-36-0	
Arsenic	0.81	mg/kg	0.10	6020	03/08/07 16:11	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:11	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:11	SLS	7440-43-9	
Chromium	Not detected	mg/kg	2.0	6020	03/08/07 16:11	SLS	7440-47-3	
Copper	2.4	mg/kg	1.0	6020	03/08/07 16:11	SLS	7440-50-8	
Lead	10.8	mg/kg	1.0	6020	03/08/07 16:11	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:36	JRT	7439-97-6	
Nickel	1.3	mg/kg	1.0	6020	03/08/07 16:11	SLS	7440-02-0	
Selenium	0.35	mg/kg	0.20	6020	03/08/07 16:11	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:11	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:11	SLS	7440-28-0	
Zinc	4.8	mg/kg	1.0	6020	03/08/07 16:11	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 18:18	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.03 (continued)

Sample Tag: GP-2 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 18:25	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 18:25	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.03 (continued)

Sample Tag: GP-2 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 18:25	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 17:00	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	75-00-3	
Chloroform	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:00	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	103-65-1	
Styrene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.03 (continued)

Sample Tag: GP-2 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:00	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	800	8260B/5035	03/08/07 17:00	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:00	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:00	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 17:00	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:00	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:00	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 17:00	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:00	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 17:00	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:00	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:00	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:00	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	50	8260B/5035	03/08/07 17:00	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.04
Sample Tag: GP-3 (2-4')
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	86	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:15	SLS	7440-36-0	
Arsenic	1.84	mg/kg	0.10	6020	03/08/07 16:15	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:15	SLS	7440-41-7	
Cadmium	0.36	mg/kg	0.20	6020	03/08/07 16:15	SLS	7440-43-9	
Chromium	5.1	mg/kg	2.0	6020	03/08/07 16:15	SLS	7440-47-3	
Copper	56.5	mg/kg	1.0	6020	03/08/07 16:15	SLS	7440-50-8	
Lead	109	mg/kg	1.0	6020	03/08/07 16:15	SLS	7439-92-1	
Mercury	0.062	mg/kg	0.050	7471A	03/09/07 15:28	JRT	7439-97-6	
Nickel	7.0	mg/kg	1.0	6020	03/08/07 16:15	SLS	7440-02-0	
Selenium	0.50	mg/kg	0.20	6020	03/08/07 16:15	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:15	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:15	SLS	7440-28-0	
Zinc	78.4	mg/kg	1.0	6020	03/08/07 16:15	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 17:45	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	208-96-8	
Anthracene	1,100	ug/kg	300	8270C	03/12/07 19:00	ARH	120-12-7	
Benzo(a)anthracene	2,800	ug/kg	300	8270C	03/12/07 19:00	ARH	56-55-3	
Benzo(b)fluoranthene	2,300	ug/kg	300	8270C	03/12/07 19:00	ARH	205-99-2	
Benzo(k)fluoranthene	1,900	ug/kg	300	8270C	03/12/07 19:00	ARH	207-08-9	
Benzo(ghi)perylene	1,500	ug/kg	300	8270C	03/12/07 19:00	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.04 (continued)

Sample Tag: GP-3 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	2,600	ug/kg	300	8270C	03/12/07 19:00	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	7005-72-3	
Chrysene	3,100	ug/kg	300	8270C	03/12/07 19:00	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 19:00	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	117-84-0	
Fluoranthene	7,000	ug/kg	300	8270C	03/12/07 19:00	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	1,400	ug/kg	300	8270C	03/12/07 19:00	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 19:00	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.04 (continued)

Sample Tag: GP-3 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	87-86-5	
Phenanthrene	4,700	ug/kg	300	8270C	03/12/07 19:00	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	108-95-2	
Pyrene	6,000	ug/kg	300	8270C	03/12/07 19:00	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:00	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:19	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.04 (continued)

Sample Tag: GP-3 (2-4')

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:19	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:19	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:19	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:19	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:19	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:19	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	03/08/07 17:19	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:19	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	300	8260B/5035	03/08/07 17:19	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 17:19	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:19	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:19	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:19	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.05
Sample Tag: GP-4 (4-6')
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	86	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:18	SLS	7440-36-0	
Arsenic	0.75	mg/kg	0.10	6020	03/08/07 16:18	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:18	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:18	SLS	7440-43-9	
Chromium	6.9	mg/kg	2.0	6020	03/08/07 16:18	SLS	7440-47-3	
Copper	5.9	mg/kg	1.0	6020	03/08/07 16:18	SLS	7440-50-8	
Lead	6.6	mg/kg	1.0	6020	03/08/07 16:18	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:30	JRT	7439-97-6	
Nickel	7.2	mg/kg	1.0	6020	03/08/07 16:18	SLS	7440-02-0	
Selenium	0.51	mg/kg	0.20	6020	03/08/07 16:18	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:18	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:18	SLS	7440-28-0	
Zinc	20.1	mg/kg	1.0	6020	03/08/07 16:18	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 17:56	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.05 (continued)

Sample Tag: GP-4 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 19:36	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 19:36	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.05 (continued)

Sample Tag: GP-4 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 19:36	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:37	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.05 (continued)

Sample Tag: GP-4 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:37	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 17:37	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:37	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:37	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:37	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:37	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	03/08/07 17:37	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:37	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	300	8260B/5035	03/08/07 17:37	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 17:37	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:37	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:37	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:37	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.06
Sample Tag: GP-5 (4-6')
Collected Date/Time: 03/06/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	87	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:22	SLS	7440-36-0	
Arsenic	1.06	mg/kg	0.10	6020	03/08/07 16:22	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:22	SLS	7440-41-7	
Cadmium	0.22	mg/kg	0.20	6020	03/08/07 16:22	SLS	7440-43-9	
Chromium	5.0	mg/kg	2.0	6020	03/08/07 16:22	SLS	7440-47-3	
Copper	7.5	mg/kg	1.0	6020	03/08/07 16:22	SLS	7440-50-8	
Lead	9.8	mg/kg	1.0	6020	03/08/07 16:22	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:46	JRT	7439-97-6	
Nickel	5.5	mg/kg	1.0	6020	03/08/07 16:22	SLS	7440-02-0	
Selenium	0.73	mg/kg	0.20	6020	03/08/07 16:22	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:22	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:22	SLS	7440-28-0	
Zinc	38.0	mg/kg	1.0	6020	03/08/07 16:22	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 17:00	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.06 (continued)

Sample Tag: GP-5 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 20:11	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 20:11	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.06 (continued)

Sample Tag: GP-5 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 20:11	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:55	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.06 (continued)

Sample Tag: GP-5 (4-6")

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:55	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 17:55	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:55	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 17:55	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:55	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:55	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	03/08/07 17:55	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 17:55	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	300	8260B/5035	03/08/07 17:55	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 17:55	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 17:55	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 17:55	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 17:55	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.07
Sample Tag: TP-1 (WB)
Collected Date/Time: 03/07/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	88	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:26	SLS	7440-36-0	
Arsenic	1.35	mg/kg	0.10	6020	03/08/07 16:26	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:26	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:26	SLS	7440-43-9	
Chromium	4.3	mg/kg	2.0	6020	03/08/07 16:26	SLS	7440-47-3	
Copper	9.7	mg/kg	1.0	6020	03/08/07 16:26	SLS	7440-50-8	
Lead	4.8	mg/kg	1.0	6020	03/08/07 16:26	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:48	JRT	7439-97-6	
Nickel	6.6	mg/kg	1.0	6020	03/08/07 16:26	SLS	7440-02-0	
Selenium	0.47	mg/kg	0.20	6020	03/08/07 16:26	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:26	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:26	SLS	7440-28-0	
Zinc	18.2	mg/kg	1.0	6020	03/08/07 16:26	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 13:15	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.07 (continued)

Sample Tag: TP-1 (WB)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 21:56	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 21:56	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.07 (continued)

Sample Tag: TP-1 (WB)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 21:56	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:14	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.07 (continued)

Sample Tag: TP-1 (WB)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:14	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 18:14	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:14	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:14	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:14	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:14	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	03/08/07 18:14	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:14	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	300	8260B/5035	03/08/07 18:14	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 18:14	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:14	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:14	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:14	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.08
Sample Tag: TP-1 (WB) Duplicate
Collected Date/Time: 03/07/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	87	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:30	SLS	7440-36-0	
Arsenic	1.30	mg/kg	0.10	6020	03/08/07 16:30	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:30	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:30	SLS	7440-43-9	
Chromium	5.2	mg/kg	2.0	6020	03/08/07 16:30	SLS	7440-47-3	
Copper	5.2	mg/kg	1.0	6020	03/08/07 16:30	SLS	7440-50-8	
Lead	4.2	mg/kg	1.0	6020	03/08/07 16:30	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:49	JRT	7439-97-6	
Nickel	9.0	mg/kg	1.0	6020	03/08/07 16:30	SLS	7440-02-0	
Selenium	0.48	mg/kg	0.20	6020	03/08/07 16:30	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:30	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:30	SLS	7440-28-0	
Zinc	17.3	mg/kg	1.0	6020	03/08/07 16:30	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 13:26	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.08 (continued)

Sample Tag: TP-1 (WB) Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 22:31	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 22:31	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.08 (continued)

Sample Tag: TP-1 (WB) Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 22:31	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 18:32	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:32	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.08 (continued)

Sample Tag: TP-1 (WB) Duplicate

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:32	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 18:32	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:32	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:32	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 18:32	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:32	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:32	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 18:32	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:32	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:32	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 18:32	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 18:32	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:32	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:32	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:32	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.09
Sample Tag: TP-1 (SW)
Collected Date/Time: 03/07/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	77	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:33	SLS	7440-36-0	
Arsenic	0.42	mg/kg	0.10	6020	03/08/07 16:33	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:33	SLS	7440-41-7	
Cadmium	0.32	mg/kg	0.20	6020	03/08/07 16:33	SLS	7440-43-9	
Chromium	4.8	mg/kg	2.0	6020	03/08/07 16:33	SLS	7440-47-3	
Copper	18.1	mg/kg	1.0	6020	03/08/07 16:33	SLS	7440-50-8	
Lead	10.7	mg/kg	1.0	6020	03/08/07 16:33	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:51	JRT	7439-97-6	
Nickel	4.6	mg/kg	1.0	6020	03/08/07 16:33	SLS	7440-02-0	
Selenium	0.20	mg/kg	0.20	6020	03/08/07 16:33	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:33	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:33	SLS	7440-28-0	
Zinc	20.2	mg/kg	1.0	6020	03/08/07 16:33	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 18:07	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.09 (continued)

Sample Tag: TP-1 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 23:06	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 23:06	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.09 (continued)

Sample Tag: TP-1 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:06	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:50	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.09 (continued)

Sample Tag: TP-1 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:50	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:50	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:50	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 18:50	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:50	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:50	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	30	8260B/5035	03/08/07 18:50	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 18:50	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	300	8260B/5035	03/08/07 18:50	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 18:50	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 18:50	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 18:50	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 18:50	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.10
Sample Tag: TP-2 (NW)
Collected Date/Time: 03/07/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	81	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:37	SLS	7440-36-0	
Arsenic	0.39	mg/kg	0.10	6020	03/08/07 16:37	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:37	SLS	7440-41-7	
Cadmium	Not detected	mg/kg	0.20	6020	03/08/07 16:37	SLS	7440-43-9	
Chromium	5.2	mg/kg	2.0	6020	03/08/07 16:37	SLS	7440-47-3	
Copper	4.8	mg/kg	1.0	6020	03/08/07 16:37	SLS	7440-50-8	
Lead	9.3	mg/kg	1.0	6020	03/08/07 16:37	SLS	7439-92-1	
Mercury	Not detected	mg/kg	0.050	7471A	03/09/07 15:53	JRT	7439-97-6	
Nickel	5.6	mg/kg	1.0	6020	03/08/07 16:37	SLS	7440-02-0	
Selenium	Not detected	mg/kg	0.20	6020	03/08/07 16:37	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:37	SLS	7440-22-4	
Thallium	Not detected	mg/kg	0.50	6020	03/08/07 16:37	SLS	7440-28-0	
Zinc	31.8	mg/kg	1.0	6020	03/08/07 16:37	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/08/07 17:11	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	120-12-7	
Benzo(a)anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	56-55-3	
Benzo(b)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	205-99-2	
Benzo(k)fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	207-08-9	
Benzo(ghi)perylene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.10 (continued)

Sample Tag: TP-2 (NW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	7005-72-3	
Chrysene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/12/07 23:41	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	117-84-0	
Fluoranthene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/12/07 23:41	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.10 (continued)

Sample Tag: TP-2 (NW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	87-86-5	
Phenanthrene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	108-95-2	
Pyrene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/12/07 23:41	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 19:09	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:09	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	79-00-5	
Trichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.10 (continued)

Sample Tag: TP-2 (NW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 19:09	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 19:09	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 19:09	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 19:09	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 19:09	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:09	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:09	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 19:09	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:09	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:09	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 19:09	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 19:09	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 19:09	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:09	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:09	JGH	110-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S31036.11
Sample Tag: TP-2 (SW)
Collected Date/Time: 03/07/2007
Matrix: Soil
COC Reference: 036922

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	4oz. Glass	None	Yes	4.6	IR
1	40ml Glass	MeOH	Yes	4.6	IR

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

BNA Extraction	Completed			3550B	03/08/07 15:20	DLR		
Extraction, PCB	Completed			3550B	03/08/07 11:29	JAC		
Mercury Digestion	Completed			7471A	03/08/07 12:00	JRT		
Metal Digestion	Completed			3050B	03/08/07 12:00	SLS		

Inorganics

Total Solids	91	%	1	160.3	03/08/07 13:09	LBR		
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Metals

Antimony	Not detected	mg/kg	0.30	6020	03/08/07 16:41	SLS	7440-36-0	
Arsenic	8.90	mg/kg	0.10	6020	03/08/07 16:41	SLS	7440-38-2	
Beryllium	Not detected	mg/kg	0.50	6020	03/08/07 16:41	SLS	7440-41-7	
Cadmium	0.48	mg/kg	0.20	6020	03/08/07 16:41	SLS	7440-43-9	
Chromium	6.2	mg/kg	2.0	6020	03/08/07 16:41	SLS	7440-47-3	
Copper	41.0	mg/kg	1.0	6020	03/08/07 16:41	SLS	7440-50-8	
Lead	517	mg/kg	1.0	6020	03/08/07 16:41	SLS	7439-92-1	
Mercury	0.147	mg/kg	0.050	7471A	03/09/07 15:55	JRT	7439-97-6	
Nickel	10.5	mg/kg	1.0	6020	03/08/07 16:41	SLS	7440-02-0	
Selenium	0.76	mg/kg	0.20	6020	03/08/07 16:41	SLS	7782-49-2	
Silver	Not detected	mg/kg	0.10	6020	03/08/07 16:41	SLS	7440-22-4	
Thallium	1.74	mg/kg	0.50	6020	03/08/07 16:41	SLS	7440-28-0	
Zinc	195	mg/kg	1.0	6020	03/08/07 16:41	SLS	7440-66-6	

Organics - PCBs/Pesticides

PCB List

PCB-1016	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	12674-11-2	
PCB-1242	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	53469-21-9	
PCB-1221	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	11104-28-2	
PCB-1232	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	11141-16-5	
PCB-1248	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	12672-29-6	
PCB-1254	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	11097-69-1	
PCB-1260	Not detected	ug/kg	330	8082	03/09/07 14:01	JANB	11096-82-5	

Organics - Semi-Volatiles

Semi-Volatile Organics - MDEQ

Acenaphthene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	83-32-9	
Acenaphthylene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	208-96-8	
Anthracene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	120-12-7	
Benzo(a)anthracene	2,100	ug/kg	300	8270C	03/13/07 00:16	ARH	56-55-3	
Benzo(b)fluoranthene	2,000	ug/kg	300	8270C	03/13/07 00:16	ARH	205-99-2	
Benzo(k)fluoranthene	2,000	ug/kg	300	8270C	03/13/07 00:16	ARH	207-08-9	
Benzo(ghi)perylene	1,600	ug/kg	300	8270C	03/13/07 00:16	ARH	191-24-2	



Analytical Laboratory Report

Lab Sample ID: S31036.11 (continued)

Sample Tag: TP-2 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
Benzo(a)pyrene	2,400	ug/kg	300	8270C	03/13/07 00:16	ARH	50-32-8	
bis(2-Chloroethoxy)methane	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	111-91-1	
bis(2-Chloroethyl)ether	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	111-44-4	
bis(2-Chloroisopropyl)ether	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	108-60-1	
bis(2-Ethylhexyl)phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	117-81-7	
4-Bromophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	101-55-3	
Butyl benzyl phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	85-68-7	
4-Chloroaniline	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	106-47-8	
2-Chloronaphthalene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	91-58-7	
4-Chloro-3-methylphenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	59-50-7	
2-Chlorophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	95-57-8	
4-Chlorophenyl phenyl ether	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	7005-72-3	
Chrysene	2,200	ug/kg	300	8270C	03/13/07 00:16	ARH	218-01-9	
p,m-Cresol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	3/4-Cresol	
o-Cresol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	95-48-7	
Dibenzo(ah)anthracene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	53-70-3	
Dibenzofuran	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	132-64-9	
di-n-Butyl phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	84-74-2	
1,2-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	106-46-7	
3,3'-Dichlorobenzidine	Not detected	ug/kg	2,000	8270C	03/13/07 00:16	ARH	91-94-1	
2,4-Dichlorophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	120-83-2	
Diethyl phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	84-66-2	
2,4-Dimethylphenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	105-67-9	
Dimethyl phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	131-11-3	
4,6-Dinitro-2-methylphenol	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	534-52-1	
2,4-Dinitrophenol	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	51-28-5	
2,4-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	121-14-2	
2,6-Dinitrotoluene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	606-20-2	
1,2-Diphenylhydrazine	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	122-66-7	
di-n-Octyl phthalate	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	117-84-0	
Fluoranthene	2,600	ug/kg	300	8270C	03/13/07 00:16	ARH	206-44-0	
Fluorene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	86-73-7	
Hexachlorobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	118-74-1	
Hexachlorobutadiene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	87-68-3	
Hexachlorocyclopentadiene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	77-47-4	
Hexachloroethane	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	67-72-1	
Indeno(1,2,3-cd)pyrene	1,400	ug/kg	300	8270C	03/13/07 00:16	ARH	193-39-5	
Isophorone	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	78-59-1	
2-Methylnaphthalene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	91-57-6	
Naphthalene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	91-20-3	
2-Nitroaniline	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	88-74-4	
3-Nitroaniline	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	99-09-2	
4-Nitroaniline	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	100-01-6	
Nitrobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	98-95-3	
2-Nitrophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	88-75-5	
4-Nitrophenol	Not detected	ug/kg	800	8270C	03/13/07 00:16	ARH	100-02-7	
N-Nitrosodiphenylamine	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	86-30-6	



Analytical Laboratory Report

Lab Sample ID: S31036.11 (continued)

Sample Tag: TP-2 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Semi-Volatiles (continued)								
Semi-Volatile Organics - MDEQ (continued)								
N-Nitrosodi-n-propylamine	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	621-64-7	
Pentachlorophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	87-86-5	
Phenanthrene	700	ug/kg	300	8270C	03/13/07 00:16	ARH	85-01-8	
Phenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	108-95-2	
Pyrene	2,500	ug/kg	300	8270C	03/13/07 00:16	ARH	129-00-0	
1,2,4-Trichlorobenzene	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	120-82-1	
2,4,5-Trichlorophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	95-95-4	
2,4,6-Trichlorophenol	Not detected	ug/kg	300	8270C	03/13/07 00:16	ARH	88-06-2	
Organics - Volatiles								
Volatile Organics 5035								
Benzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	71-43-2	
Bromodichloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	75-27-4	
Bromoform	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	75-25-2	
Bromomethane	Not detected	ug/kg	200	8260B/5035	03/08/07 19:27	JGH	74-83-9	
n-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	104-51-8	
sec-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	135-98-8	
tert-Butylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	98-06-6	
Carbon tetrachloride	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	56-23-5	
Chlorobenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	108-90-7	
Chloroethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	75-00-3	
Chloroform	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	67-66-3	
Chloromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	74-87-3	
Dibromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	124-48-1	
1,2-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	95-50-1	
1,3-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	541-73-1	
1,4-Dichlorobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	106-46-7	
1,1-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	75-34-3	
1,2-Dichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	107-06-2	
1,1-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	75-35-4	
cis-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	156-59-2	
trans-1,2-Dichloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	156-60-5	
1,2-Dichloropropane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	78-87-5	
cis-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	10061-01-5	
trans-1,3-Dichloropropene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	10061-02-6	
Ethylbenzene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	100-41-4	
Isopropylbenzene	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	98-82-8	
p-Isopropyltoluene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	99-87-6	
Methylene chloride	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	75-09-2	
Naphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:27	JGH	91-20-3	
n-Propylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	103-65-1	
Styrene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	100-42-5	
1,1,2,2-Tetrachloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	79-34-5	
Tetrachloroethene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	127-18-4	
Toluene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	108-88-3	
1,1,1-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	71-55-6	
1,1,2-Trichloroethane	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	79-00-5	
Trichloroethene	70	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	79-01-6	
1,2,4-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	95-63-6	



Analytical Laboratory Report

Lab Sample ID: S31036.11 (continued)

Sample Tag: TP-2 (SW)

Analysis	Results	Units	RDL	Method	Run Date/Time	Analyst	CAS #	Flags
Organics - Volatiles (continued)								
Volatile Organics 5035 (continued)								
1,3,5-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	108-67-8	
Vinyl chloride	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	75-01-4	
o-Xylene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	95-47-6	
p,m-Xylene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH		
Acetone	Not detected	ug/kg	1,000	8260B/5035	03/08/07 19:27	JGH	67-64-1	
2-Butanone (MEK)	Not detected	ug/kg	900	8260B/5035	03/08/07 19:27	JGH	78-93-3	
Carbon disulfide	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	75-15-0	
2-Hexanone	Not detected	ug/kg	3,000	8260B/5035	03/08/07 19:27	JGH	591-78-6	
4-Methyl-2-pentanone (MIBK)	Not detected	ug/kg	3,000	8260B/5035	03/08/07 19:27	JGH	108-10-1	
tert-Methyl butyl ether (MTBE)	Not detected	ug/kg	200	8260B/5035	03/08/07 19:27	JGH	1634-04-4	
1,1,1,2-Tetrachloroethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	630-20-6	
1,2,3-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:27	JGH	87-61-6	
1,2,3-Trichloropropane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	96-18-4	
1,2,4-Trichlorobenzene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:27	JGH	120-82-1	
1,2-Dibromo-3-chloropropane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	96-12-8	
1,2-Dibromoethane	Not detected	ug/kg	20	8260B/5035	03/08/07 19:27	JGH	106-93-4	M
2-Methylnaphthalene	Not detected	ug/kg	400	8260B/5035	03/08/07 19:27	JGH	91-57-6	
Acrylonitrile	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	107-13-1	
Bromobenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	108-86-1	
Bromochloromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	74-97-5	
Dibromomethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	74-95-3	
Dichlorodifluoromethane	Not detected	ug/kg	300	8260B/5035	03/08/07 19:27	JGH	75-71-8	
Diethyl ether	Not detected	ug/kg	200	8260B/5035	03/08/07 19:27	JGH	60-29-7	
Hexachloroethane	Not detected	ug/kg	400	8260B/5035	03/08/07 19:27	JGH	67-72-1	
Methyl iodide	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	74-88-4	
Tetrahydrofuran	Not detected	ug/kg	1,000	8260B/5035	03/08/07 19:27	JGH	109-99-9	
Trichlorofluoromethane	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	75-69-4	
1,2,3-Trimethylbenzene	Not detected	ug/kg	100	8260B/5035	03/08/07 19:27	JGH	526-73-8	
trans-1,4-Dichloro-2-butene	Not detected	ug/kg	60	8260B/5035	03/08/07 19:27	JGH	110-57-6	

M-Result reported to MDL not RDL



036922

INVOICE TO

CONTACT NAME		Engvis Inc / Jim Tamalia		☒ SAME	
COMPANY		795 FOLD			
ADDRESS		jtomalia@thetraversegroup.com			
CITY		STATE		ZIP CODE	
PHONE NO.		FAX NO.		P.O. NO.	
ANALYSIS ATTACH LIST IF MORE SPACE REQUIRED)					

VOCs	SVOCs	PCBs	3 PRIORITY POLLUTANTS	SPECIAL INSTRUCTIONS/NOTES → Please Analyze down to MDEQ TMDL's. But do NOT run the 8011 and 61M analysis.
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RELINQUISHED BY: SIGNATURE/ORGANIZATION	<i>Julie Barton</i>	DATE JB 3/3/07	TIME 9:58 AM	RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME	RECEIVED BY: SIGNATURE/ORGANIZATION	<i>Barbara Richards</i>	DATE 3-8-07	TIME 10:00
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES: TEMP. ON ARRIVAL 4.6
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE