

Phase II Environmental Site Assessment
1999 Centerpoint Parkway
Pontiac, Michigan

ProVisions LLC

September 11, 2008

ASTI ENVIRONMENTAL



ASTi
ENVIRONMENTAL

Phase II Environmental Site Assessment

1999 Centerpoint Parkway
Pontiac, Michigan

September 11, 2008

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EXECUTIVE SUMMARY

ASTI Environmental (ASTI) was retained by ProVisions LLC to conduct a Phase II Environmental Site Assessment (ESA) of 1999 Centerpoint Parkway in the City of Pontiac, Oakland County, Michigan (Property). This Phase II ESA was prepared for the benefit of ProVisions LLC, and ASTI acknowledges that said party may rely upon the contents and conclusions presented in this report.

The purpose of this investigation was to identify if impacts have occurred from a former surface drain, a former ditch, possible historical fill material, a former industrial building, and an adjoining impacted retention pond as identified in a Phase I ESA completed by ASTI dated August 29, 2008.

On August 28 and 29, 2008, ASTI supervised the installation of 16 soil borings (SS-1 through SS-16) using a direct-push drill rig. A total of 20 soil samples were collected and submitted for analyses of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs) or semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and Michigan 10 metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc). Applicable Michigan Department of Environmental Quality (DEQ) Generic Residential Cleanup Criteria (GRCC) for soil are the groundwater/surface water interface protection (GSIP), soil volatilization to indoor air inhalation (SVIAI), soil direct contact (DC), particulate soil inhalation (PSI), and groundwater contact (GC) criteria. Soil analytical results for metals reported concentrations of chromium, and selenium above the GSIP. Arsenic was also detected above the DC criterion in soil samples collected at eight locations on the Property. Analytical results reported concentrations of PNAs below GRCC in one soil sample. The remaining soil samples were non-detect for PNAs. No VOCs were detected in the soil samples.

Based on the concentrations of metals arsenic, chromium, and selenium above the applicable GRCC, it is ASTI's opinion that the Property is a currently a "facility" as defined in Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). In order to provide ProVisions LLC an exemption from State of Michigan liability for existing contamination, ASTI recommends the preparation of a Baseline Environmental Assessment (BEA) in accordance with the Part 9 Rules promulgated under Part 201. ASTI also recommends the preparation of a Section 7a Compliance Analysis, also known as a Due Care Plan, to document the procedures ProVisions LLC will follow to avoid exacerbation of or exposure to existing contamination during redevelopment and future use of the Property.

The Property is part of RCRA corrective action under an administrative order with the United State Environmental Protection Agency. A BEA will not provide liability under the RCRA corrective action as the Property will always remain under the administrative

order, and the Property owner could be required to cleanup any contamination located on the Property.

1.0 INTRODUCTION

ASTI Environmental (ASTI) was retained by ProVisions LLC to conduct a Phase II Environmental Site Assessment (ESA) of 1999 Centerpoint Parkway in the City of Pontiac, Oakland County, Michigan (Property). This Phase II ESA was prepared for the benefit of ProVisions LLC, and ASTI acknowledges that said party may rely upon the contents and conclusions presented in this report.

The Property is located on the east side of Centerpoint Parkway, south side of South Boulevard and on the north side of Campus Drive in the southeast ¼ of Section 13 (T2N-R10E), Pontiac, Oakland County, Michigan. The Property contains a 422,000 square-foot office building, asphalt parking areas, concrete walks, landscaped areas, and maintained lawn areas. A Site Location Map is provided as Figure 1.

The site investigation was conducted in accordance with the scope of work outlined in our Work Plan Phase II Subsurface Investigation dated August 22, 2008.

2.0 PURPOSE AND PROPERTY HISTORY

The purpose of this investigation was to identify if impacts have occurred from a former surface drain, a former ditch, possible historical fill material, a former industrial building, and an adjoining impacted retention pond as identified in a Phase I ESA completed by ASTI dated August 29, 2008.

Based on the information reviewed, the Property was developed prior to 1940 with parking areas and a surface drain for an adjoining General Motors Corporation Pontiac Central manufacturing and Assembly plant. Between the years 1964 and 1972 Building 45 of the Pontiac Central manufacturing and Assembly plant was constructed on the western portion of the Property. Building 45 was reportedly used for shipping and receiving with some paint booth operations. Building 45 was demolished between the years 1993 and 1996. The current office building was constructed in 1996 and was used by General Motors Corporation for administrative offices until 2005. The building has been vacant since 2005.

3.0 SOIL BORING LOCATIONS

On August 28 and 29, 2008, Mr. Brian Kuberski with ASTI supervised the installation of 16 soil borings (SS-1 and SS-16) using a direct-push drilling rig. Boring ID, boring locations, and depth were as follows:

Boring	Boring Location	Depth of Boring
SS-1	Former surface drain to adjoining retention pond	12 feet
SS-2	Former surface drain to adjoining retention pond	12 feet
SS-3	Former surface drain to adjoining retention pond	12 feet
SS-4	Former surface drain to adjoining retention pond	12 feet
SS-5	Near adjoining impacted retention pond	12 feet
SS-6	Near adjoining impacted retention pond	12 feet
SS-7	Near adjoining impacted retention pond	12 feet
SS-8	Location of possible fill material of unknown origin	12 feet
SS-9	Former surface drain filled in the during the 1970s	12 feet
SS-10	Former surface drain filled in the during the 1970s	16 feet
SS-11	Former surface drain filled in the during the 1970s	20 feet
SS-12	Location of former building 45 of the former Pontiac Central manufacturing and Assembly plant	16 feet
SS-13	Location of former building 45 of the former Pontiac Central manufacturing and Assembly plant	24 feet
SS-14	Location of former building 45 of the former Pontiac Central manufacturing and Assembly plant	12 feet
SS-15	Location of former building 45 of the former Pontiac Central manufacturing and Assembly plant	12 feet
SS-16	Location of former building 45 of the former Pontiac Central manufacturing and Assembly plant	12 feet

Boring locations were consistent with the Work Plan Phase II Subsurface Investigation. Photos of the completion of select soil borings are provided as Attachment A. A Soil Boring Location Map is provided as Figure 2.

4.0 SAMPLE COLLECTION PROCEDURES

The soil borings were advanced to a depth of 12-24 feet below ground surface (bgs) with a hydraulic push drill rig. All downhole equipment was decontaminated using an Alconox® wash and clean water rinse between borings to minimize the risk of cross contamination of samples. Soil encountered during field activities was identified by ASTI's field personnel, examined for visual and/or olfactory evidence of impact, screened using a photoionization detector (PID), and recorded in a field logbook. Prior to sampling, the PID was calibrated to manufacturer specifications using 100 parts per million (ppm) isobutylene calibration gas. Soil samples were selected based on visual or olfactory indication of impact or from the interval most likely to be impacted based on the lithology. Soil boring logs are provided as Attachment B.

All soil samples were collected into laboratory certified clean 4-ounce glass jars and 40-ml glass vials preserved in the field with methanol, cooled to 4°C, and submitted to Brighton Analytical L.L.C. in Brighton, Michigan under standard chain of custody procedures.

A total of 20 soil samples were collected and analyzed for volatile organic compounds (VOCs) by US EPA Method SW846 8260, polynuclear aromatic hydrocarbons (PNAs) by US EPA Method SW846 8270 or semi-volatile organic compounds (SVOCs) by US EPA Method SW846 8270/EPA 625, and Michigan 10 metals (Mich 10) by US EPA Method SW846 6020 and 3050. All soil samples submitted for VOC analysis were preserved in the field with methanol per US EPA Method 5035.

Soil sample depth, location rationale, and analysis are as follows.

Boring	Sample Matrix	Sample Depth	Rationale for Sample Location	Analysis
SS-1	Soil	4 – 6'	PID reading of 2.5	VOCs, Mich 10, PCBs, and SVOCs
SS-2	Soil	6 – 8'	Organic layer, suspected bottom of former drain	VOCs, Mich 10, PCBs, and SVOCs
SS-3	Soil	8 – 10'	Suspected bottom of former drain	VOCs, Mich 10, PCBs, and SVOCs
SS-4	Soil	8 – 10'	Near elevation of pond	VOCs, Mich 10, PCBs, and SVOCs
SS-5	Soil	4 – 5' 6 – 8'	Organic layer and near bottom of pond	VOCs, Mich 10, PCBs, and SVOCs

Boring	Sample Matrix	Sample Depth	Rationale for Sample Location	Analysis
SS-6	Soil	6 – 8'	Near bottom of pond and mottled clay layer	VOCs, Mich 10, PCBs, and SVOCs
SS-7	Soil	8 – 10'	Near bottom of pond and mottled clay layer	VOCs, Mich 10, PCBs, and SVOCs
SS-8	Soil	0.5 – 2' 2 – 4'	Former fill layer	VOCs, Mich 10, and PNAs
SS-9	Soil	14 – 16'	Slag material observed	VOCs, Mich 10, PCBs, and SVOCs
SS-10	Soil	7 – 8' 10 – 12'	Slag material observed and organic layer of former ditch	VOCs, Mich 10, PCBs, and SVOCs
SS-11	Soil	13 – 15' 18 – 20'	Debris layer and suspected bottom of former ditch	VOCs, Mich 10, PCBs, and SVOCs
SS-12	Soil	4 – 6'	Sand/clay interface	VOCs, Mich 10, and PNAs
SS-13	Soil	7 – 8'	Sand/clay interface	VOCs, Mich 10, and PNAs
SS-14	Soil	7 – 8'	Sand/clay interface	VOCs, Mich 10, and PNAs
SS-15	Soil	4 – 6'	Sand/clay interface	VOCs, Mich 10, and PNAs
SS-16	Soil	2 – 4'	Coal observed	VOCs, Mich 10, and PNAs

5.0 SOIL CHARACTERISTICS

The soil profile encountered in the soil borings varied across the Property. Approximately two to 18 feet of fill material was encountered in all soil borings below the asphalt. The greatest amount of fill material was observed in the locations of former surface drain and ditch/ The fill material generally consisted of brown fine to medium grained sand with gravel and layers of sandy or silty clay. Debris consisting of small pieces of slag material was observed in soil borings SS-9 at 14 to 17 feet bgs and soil boring SS-10 at 6 to 8 feet bgs. Concrete and wood material was observed in soil boring SS-11 at 9 to 12 feet bgs and brick, glass, and asphalt at 13 to 13.3 feet bgs. Coal was observed in soil boring SS-16 at 2 to 2.7 feet bgs.

Generally soil consisted of a brown sandy clay below the fill material to approximately 10 to 11 feet bgs where a silty clay was encountered. Limited groundwater was observed in soil borings SS-1, SS-9, SS-12, and SS-13 at varying depths. The groundwater was generally confined to several inches of water above a clay layer and was unlikely to produce sufficient water for sampling. Soil boring logs are included as Attachment B.

6.0 PATHWAY EVALUATION

The applicable Generic Residential Cleanup Criteria (GRCC) under Part 201 of Michigan's *Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended* (Part 201) are the groundwater surface water interface protection (GSIP), groundwater contact (GC), soil direct contact (DC), soil volatilization to indoor air inhalation (SVIAI) and particulate soil inhalation (PSI) criteria. The Property is serviced by municipal water and contains no drinking water wells. Therefore, the soil drinking water protection (DWP) criteria is not considered applicable. This groundwater exposure pathway is considered to be incomplete. The GSIP is applicable due to the retention pond on the northeastern adjoining property.

7.0 ANALYTICAL RESULTS

Table 1 presents the laboratory analytical results in comparison to the above referenced applicable criteria for soil. The laboratory analytical reports are provided in Attachment C, along with chain of custody record and QA/QC data.

No VOCs were detected in the any of the soil samples.

Analytical results for PNAs reported concentrations below GRCC in soil sample SS-16. The remaining samples were non-detect for PNAs.

Metal analytical results reported concentrations of arsenic above the GRCC for soil DC in soil samples collected from SS-1, SS-2, SS-7, SS-8 (2-4'), SS-9, SS-10, SS-11 (18-20), and SS-16. Total chromium was detected above the GRCC for GSIP in samples collected from SS-5 (4-5') and SS-7. Selenium was detected above the GRCC for GSIP in samples collected from SS-2, SS-4, SS-7, SS-8 (0.5-2'), SS-9, SS-10 (7-8'), SS-11, and SS-16.

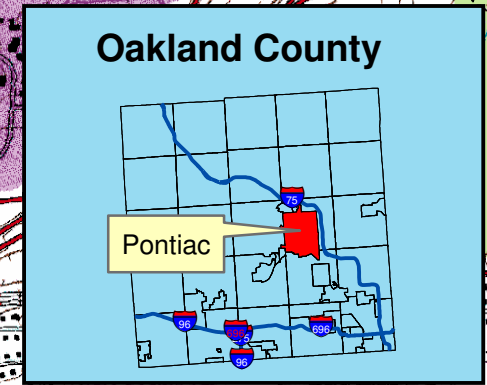
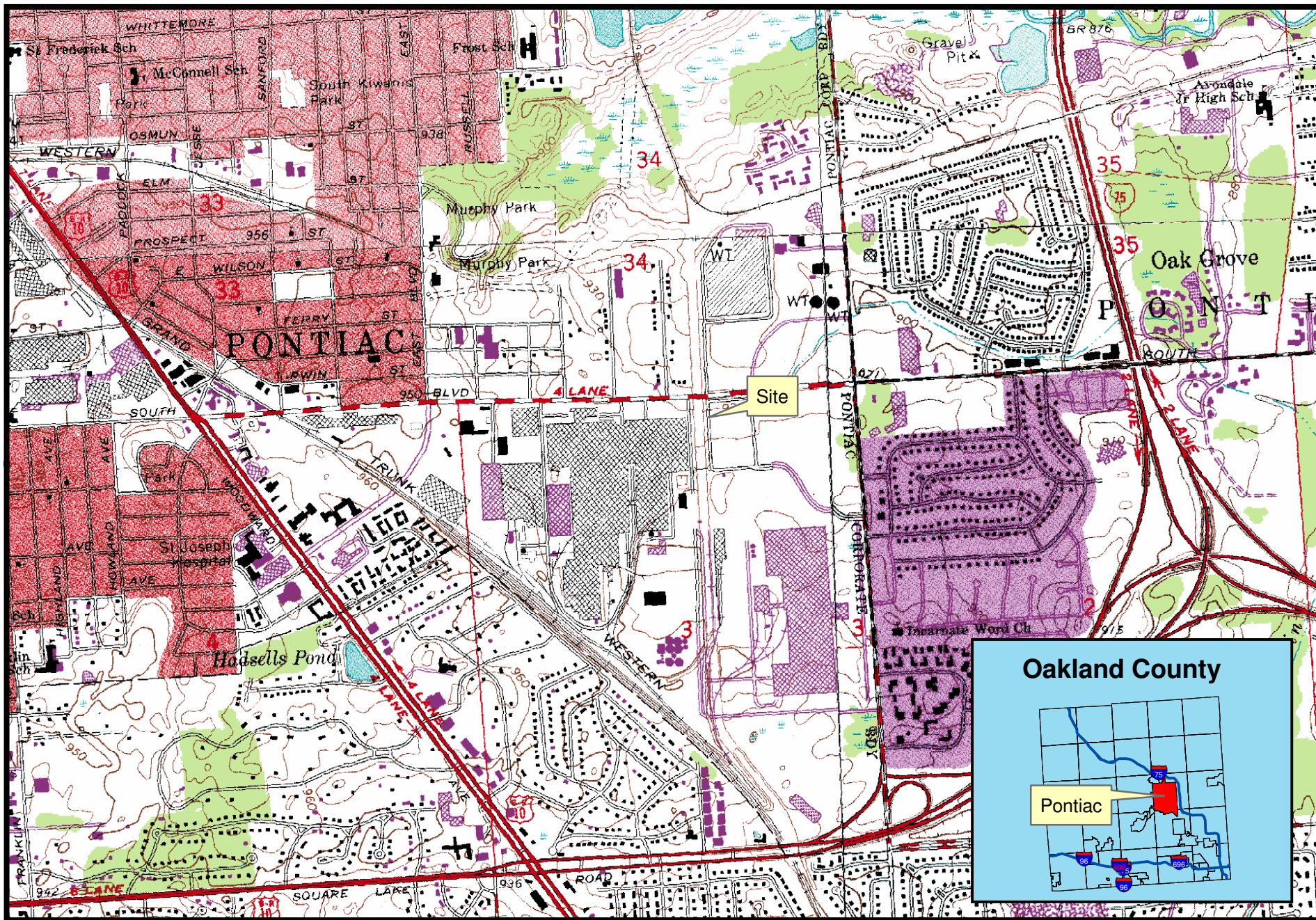
The laboratory analytical results for compounds that were detected at levels above the GRCC are summarized in the following table.

Sample Identification	Chemical Compound	CAS Number	Applicable GRCC (µg/kg)	Analytical Result (µg/kg)
SS-1 (4-6')	Total arsenic	7440382	7,600 (DC)	8,300
SS-2 (6-8')	Total arsenic	7440382	7,600 (DC)	10,000
	Total selenium	7782492	410 (GSIP)	470
SS-4 (8-10')	Total selenium	7782492	410 (GSIP)	500
SS-5 (4-5')	Total chromium	18540299	18,000 (GSIP)	20,000
SS-7 (8-10')	Total arsenic	7440382	7,600 (DC)	9,900
	Total chromium	18540299	18,000 (GSIP)	22,000
	Total selenium	7782492	410 (GSIP)	430
SS-8 (0.5-2')	Total selenium	7782492	410 (GSIP)	500
SS-8 (2-4')	Total arsenic	7440382	7,600 (DC)	29,000
SS-9 (14-16')	Total arsenic	7440382	7,600 (DC)	17,000
	Total selenium	7782492	410 (GSIP)	460
SS-10 (7-8')	Total selenium	7782492	410 (GSIP)	510
SS-10 (10-12')	Total Arsenic	7440382	7,600 (DC)	11,000
SS-11 (18-20')	Total arsenic	7440382	7,600 (DC)	9,200
	Total selenium	7782492	410 (GSIP)	470
SS-16 (2-4')	Total Arsenic	7440382	7,600 (DC)	8,400

8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the concentrations of total arsenic above the GRCC for soil DC, total chromium and selenium above the GRCC for GSIP, it is ASTI's opinion that the Property is a currently a "facility" as defined in Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as Amended (Part 201). In order to provide ProVisions LLC an exemption from State of Michigan liability for existing contamination, ASTI recommends the preparation of a Baseline Environmental Assessment (BEA) in accordance with the Part 9 Rules promulgated under Part 201. ASTI also recommends the preparation of a Section 7a Compliance Analysis, also known as a Due Care Plan, to document the procedures ProVisions LLC will follow to avoid exacerbation of or exposure to existing contamination during redevelopment and future use of the Property.

The Property is part of RCRA corrective action under an administrative order with the United States Environmental Protection Agency. A BEA will not provide liability under the RCRA corrective action as the Property will always remain under the administrative order and the Property owner could be required to cleanup any contamination located on the Property.

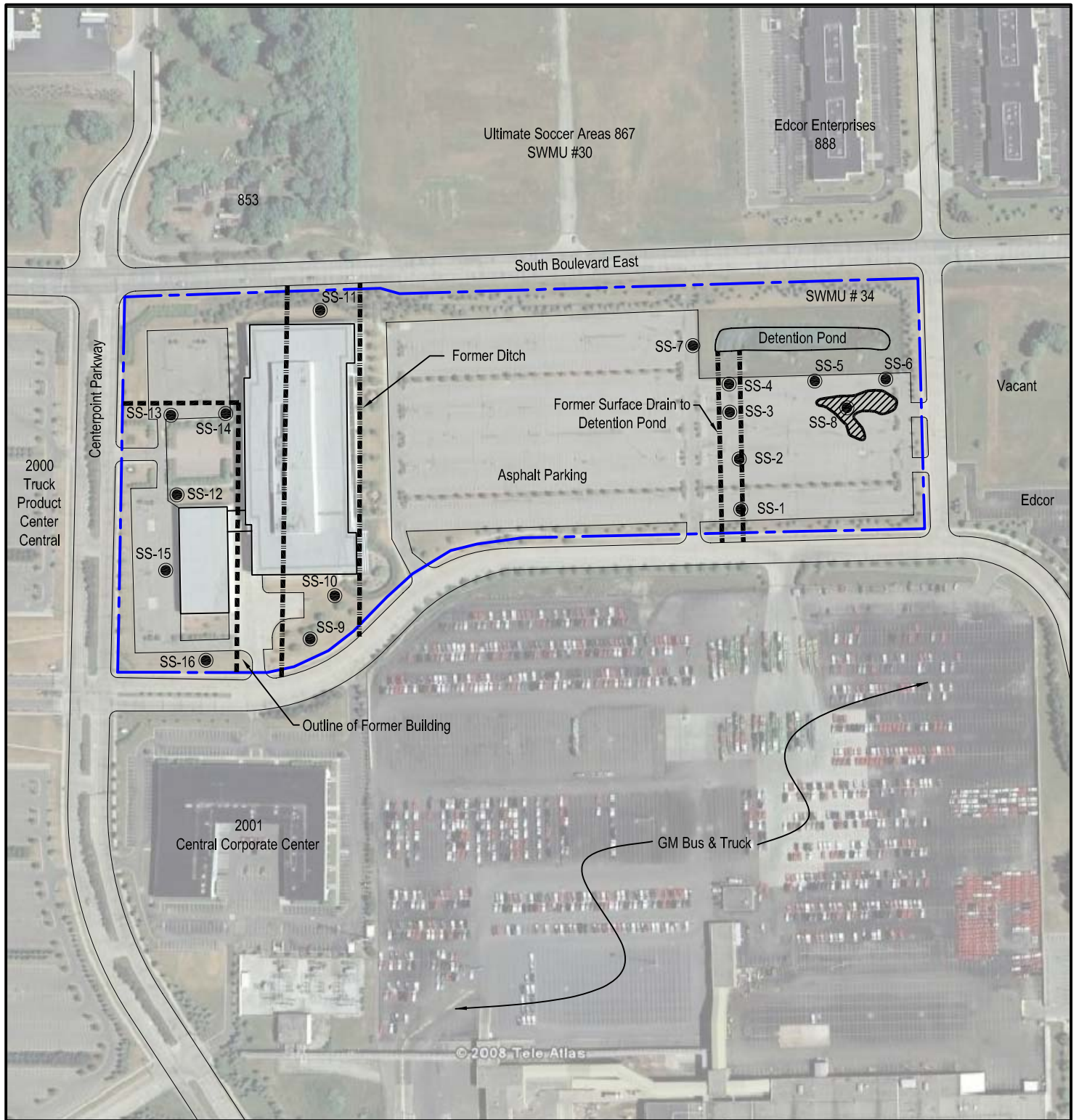


1999 Centerpoint Parkway

Pontiac, MI

Created for: ProVision LLC
 Created by: AGS, September 11, 2008, ASTI Project 6859

Figure 1 - Site Location Map



LEGEND

- Property Line
- Former Ditch
- Former Building
- Former Soil Scarring
- Soil Sample

0 300 600 900
Approximate Scale in Feet

1999 Centerpoint Parkway

Pontiac, MI

Created for: ProVision LLC
ASTI Project 6859, JMD, September 11, 2008



Figure 2 - Soil Boring Location Map

PHOTO LOG
1999 Centerpoint Parkway, Pontiac, Michigan



Photo 1. View of the Property looking east



Photo 2. View of the Property looking west

ASTI File SI 6859
August 7, 2008
Photographed By Brian Kuberski



PHOTO LOG

1999 Centerpoint Parkway, Pontiac, Michigan



Photo 3. View of the completion of soil boring SS-5



Photo 4. View of the completion of soil boring SS-3

ASTI File SI 6859
August 28, 2008
Photographed By Brian Kuberski



PHOTO LOG
1999 Centerpoint Parkway, Pontiac, Michigan



Photo 5. View of the completion of soil boring SS-15



Photo 6. View of the completion of soil boring SS-11

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Brighton, MI 48116

SOIL BORING LOG

Boring Data

Boring ID: **SS-1**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	0.8	SAND, brown, fine to medium grained with gravel	0	
0.8	3.0	SAND, brown, fine to medium grained, trace gravel	0	
3.0	3.7	SAND, brown, fine to medium grained, some clay, trace gravel	0	
3.7	4.0	SAND, dark brown, some clay	0	
4.0	5.0	SANDY CLAY, dark brown, soft	2.5	
5.0	7.8	SANDY CLAY, brown, soft	0	
7.8	8.0	SAND, brown, fine to medium grained, with gravel	0	
8.0	10.0	SAND, brown, fine to coarse grained, moist	0	
10.0	11.7	SILTY CLAY, gray, stiff	0	
11.7	12.0	SAND, brown, fine to medium grained, trace gravel	0	
		End of Boring		
		Soil samples collected for analysis @ 4'-6' bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-2**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A
GW Depth (▼): NA

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	3.0	SAND, brown, fine to coarse grained	0	
3.0	4.0	SAND, brown, fine to medium grained, some clay, trace gravel	0	
4.0	4.5	SAND, brown, fine to medium grained	0	
4.5	6.3	SAND, brown, fine to medium grained, some clay, trace gravel	0	
6.3	6.4	SAND, black, fine to medium grained, trace organic	0	
6.4	8.8	SAND, gray, fine to medium grained, trace clay, trace organics	0	
8.8	9.3	SANDY CLAY, brown, soft	0	
9.3	11.0	SANDY CLAY, brown, stiff	0	
11.7	12.0	SAND, brown, fine to medium grained, some caly	0	
		End of Boring		
		Soil samples collected for analysis @ 6'-8' bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-3**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	0.9	SAND, brown/gray, fine to medium grained with gravel	0	
0.9	5.5	SAND, brown, fine to medium grained with gravel	0	
5.5	7.0	SAND, brown, fine to medium grained, some clay, trace gravel	0	
7.0	8.0	SAND, gray, fine to medium grained	0	
8.0	10.0	SAND, brown/gray, fine to medium grained, some clay	0	
10.0	10.5	SAND, gray, fine to medium grained, some clay	0	
10.5	11.5	SILTY CLAY, gray	0	
11.5	11.8	SAND, brown, fine to medium grained	0	
11.8	12.0	SANDY CLAY, brown, stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 8'-10' bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-4**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	3.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
3.0	5.0	SAND, brown, fine to medium grained, some gravel	0	
5.0	6.0	SANDY CLAY, brown, soft	0	
6.0	6.5	SANDY CLAY, brown, stiff	0	
6.5	7.5	SAND, brown/gray, fine to medium grained, trace clay	0	
7.5	8.0	SANDY CLAY, brown, soft	0	
8.0	9.0	SANDY CLAY, gray, soft	0	
9.0	11.0	SANDY CLAY, brown, medium stiff	0	
11.0	12.0	SILTY CLAY, gray, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 8'-10' bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

ASTI Environmental
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Brighton, MI 48116

SOIL BORING LOG

Boring Data

Boring ID: **SS-5**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A
GW Depth (▼): NA

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	0.9	SAND, brown, fine to medium grained with gravel	0	
0.9	3.6	SAND, brown, fine to medium grained with gravel, some clay	0	
3.6	5.0	SAND, brown, fine to medium grained, some gravel, trace organics	0	
5.0	6.0	SAND, brown/gray, fine to medium grained, trace clay	0	
6.0	8.0	SAND, brown, fine to medium grained, some clay	0	
8.0	11.0	SANDY CLAY, brown, stiff	0	
11.0	12.0	SILTY CLAY, gray, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 4'-5' and 6-8 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-6**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	1.0	SAND, brown, fine to medium grained with gravel	0	
1.0	2.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
2.0	3.8	SAND, brown, fine to medium grained, some gravel, some clay	0	
3.8	6.0	SANDY CLAY, brown, soft	0	
6.0	8.0	SANDY CLAY, brown/gray, mottled, medium stiff	0	
8.0	10.5	SANDY CLAY, brown, medium stiff	0	
10.5	12.0	SILTY CLAY, gray, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 6-8 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-7**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: **8/28/2008**

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	1.8	SAND, brown, fine to medium grained with gravel	0	
1.8	2.2	SAND, brown, fine to medium grained with gravel, trace clay	0	
2.2	5.5	SAND, brown, fine to medium grained, some gravel, moist	0	
5.5	8.0	SANDY CLAY, brown, medium stiff, trace gravel	0	
8.0	10.5	SANDY CLAY, brown/gray, mottled, stiff	0	
10.5	11.0	SANDY CLAY, brown/gray, medium stiff	0	
11.0	12.0	SANDY CLAY, brown, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 8-10 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-8**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: **8/28/2008**

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A
GW Depth (▼): NA

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	1.8	SAND, dark brown, fine to medium grained with gravel	0	
1.8	4.0	SAND, brown, fine to medium grained with gravel, some clay	0	
4.0	6.0	SANDY CLAY, brown, medium stiff	0	
6.0	7.0	SANDY CLAY, brown/gray, mottled, soft	0	
7.0	8.0	SANDY CLAY, brown/gray, mottled, medium stiff	0	
8.0	9.5	SANDY CLAY, brown, soft	0	
9.5	10.0	SANDY CLAY, brown, medium stiff	0	
10.0	12.0	SANDY CLAY, brown, stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 0.5-2 bgs and 2-4 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-9**
Total Depth: **24.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/29/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Topsoil, grass, roots	0	
0.3	4.5	SAND, brown, fine to medium grained with gravel	0	
		SAND, dark brown, fine to medium grained with gravel, some clay	0	
4.5	4.8			
4.8	6.0	SAND, brown, fine to medium grained with gravel	0	
6.0	6.2	concrete	0	
6.2	10.0	SAND, brown/gray, fine to medium grained with gravel	0	
		SAND, brown/gray, fine to medium grained with gravel, some clay	0	
10.0	13.0			
13.0	14.0	SANDY CLAY, brown, medium stiff	0	
		SAND, black, fine to medium grained, trace clay, small pieces of slag	0	
14.0	17.0			
17.0	19.0	SAND, gray, fine grained with gravel, moist	0	
19.0	20.0	SILTY CLAY, gray, medium stiff	0	
20.0	24.0	SILTY SAND, gray, trace clay, moist	0	
		End of Boring		
		Soil samples collected for analysis @ 14-16 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-10**
Total Depth: **16.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/29/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Topsoil, grass, roots	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
		SAND, dark brown, fine to medium grained with gravel,		
2.0	4.3	trace clay	0	
4.3	4.7	concrete	0	
4.7	6.0	SAND, brown/gray, fine to medium grained, with gravel	0	
		SAND, brown/gray, fine to medium grained with gravel,		
6.0	8.0	small pieces of slag	0	
		SAND, brown/gray, fine to medium grained with gravel,		
8.0	10.0	trace clay	0	
10.0	10.2	SAND, black, fine to medium grained, some organics	0	
10.2	12.0	SANDY CLAY, brown/gray, mottled, medium stiff	0	
12.0	13.0	SILTY CLAY, gray, soft	0	
13.0	14.0	SILTY CLAY, gray, medium stiff	0	
14.0	16.0	SILTY CLAY, gray, stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 7-8 bgs and 10-12 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-11**
Total Depth: **20.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/29/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Topsoil, grass, roots	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	4.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
4.0	6.0	SAND, brown, fine to medium grained with gravel, some clay	0	
6.0	8.0	SANDY CLAY, brown, soft	0	
8.0	9.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
9.0	12.0	SAND, black, fine to medium grained, some clay, pieces of concrete and wood	0	
12.0	13.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
13.0	13.3	SAND, brown, fine to medium grained with gravel, trace clay, pieces of brick, glass, and asphalt	0	
13.3	16.0	SAND, brown, fine to medium grained with gravel, some clay	0	
16.0	17.0	SANDY CLAY, gray, medium soft	0	
17.0	17.2	Concrete	0	
17.2	18.0	SAND, brown, fine to medium grained with gravel, some clay	0	
18.0	20.0	SANDY CLAY, brown, medium soft, trace gravel	0	
		End of Boring		
		Soil samples collected for analysis @ 13-15 bgs and 18-20 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-12**
Total Depth: **16.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	4.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
4.0	5.0	SAND, brown, fine to medium grained with gravel, some clay	0	
5.0	6.0	SILTY CLAY, brown, medium stiff	0	
6.0	10.0	SAND, brown, fine to medium grained with gravel, some clay	0	
10.0	11.8	SILTY CLAY, gray, soft	0	
11.8	12.6	SAND, black, fine to medium grained, some organics	0	
12.6	13.5	SAND, gray, fine to medium grained, moist	0	
13.5	14.0	SAND, brown, fine to medium grained, moist	0	
14.0	16.0	SILTY CLAY, gray, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 4-6 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-13**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: **8/28/2008**

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	0.6	SAND, brown, fine to medium grained with gravel	0	
0.6	3.2	SAND, brown, fine to medium grained with gravel, some clay	0	
3.2	4.5	SAND, brown, fine to medium grained, moist	0	
4.5	5.5	SILTY CLAY, gray, soft	0	
5.5	7.8	SAND, brown, fine to medium grained with gravel, some clay	0	
7.8	10.0	SANDY CLAY, brown/gray, soft	0	
10.0	12.0	SANDY CLAY, brown, soft	0	
		End of Boring		
		Soil samples collected for analysis @ 7-8 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-14**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	0.8	SAND, brown, fine to medium grained with gravel	0	
0.8	4.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
4.0	7.5	SAND, brown, fine to medium grained, trace gravel, some clay, moist	0	
7.5	8.0	SILTY CLAY, gray, soft	0	
8.0	9.0	SILTY CLAY, gray, medium stiff	0	
9.0	10.0	SANDY CLAY, brown/gray, soft	0	
10.0	12.0	SANDY CLAY, brown, trace gravel, medium stiff	0	
		End of Boring		
		Soil samples collected for analysis @ 7-8 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-15**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Asphalt	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	4.0	SAND, brown, fine to medium grained with gravel, trace clay	0	
4.0	5.5	SANDY CLAY, brown, soft	0	
5.5	6.5	SANDY CLAY, brown/gray, soft	0	
6.5	7.5	SAND, brown, fine to medium grained with gravel, some clay	0	
7.5	8.0	SAND, brown, fine to medium grained, trace gravel	0	
8.0	9.5	SAND, brown, fine to medium grained, some gravel	0	
9.5	10.5	SAND, brown, fine grained	0	
10.5	12.0	SAND, brown, fine to medium grained, moist	0	
		End of Boring		
		Soil samples collected for analysis @ 4-6 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

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SOIL BORING LOG

Boring Data

Boring ID: **SS-16**
Total Depth: **12.0 ft**

Proj. Name: Centerpoint
Proj. Number: 6859

Date Completed: 8/28/2008

Site Address: 1999 Centerpoint Parkway
Pontiac, MI

MW Data

Size: N/A
Type: N/A
Screen Length: N/A
Well Depth: N/A

Drilled by: ERG
Method: Geoprobe
Geologist: Brian Kuberski

GW Depth (▼): NA

Depth (ft)		Description	PID (ppm)	GW
From	To			
0.0	0.3	Topsoil, grass, roots	0	
0.3	2.0	SAND, brown, fine to medium grained with gravel	0	
2.0	2.7	SAND, brown, fine to medium grained with gravel, piece of coal	0	
2.7	3.0	SAND, brown, fine grained	0	
3.0	4.0	SANDY CLAY, brown, medium stiff, trace gravel	0	
4.0	6.0	SANDY CLAY, brown, medium stiff	0	
6.0	6.3	SAND, brown, fine to medium grained, trace gravel, some clay	0	
6.3	9.0	SANDY CLAY, brown, medium stiff	0	
9.0	9.2	SAND, brown, fine grained	0	
9.2	11.0	SANDY CLAY, brown, medium stiff	0	
11.0	11.5	SILTY CLAY, gray, medium stiff	0	
10.5	12.0	SAND, brown, fine to medium grained	0	
		End of Boring		
		Soil samples collected for analysis @ 2-4 bgs		

ppm = parts per million

MW = monitoring well

TW = temporary monitoring well

bgs = below ground surface

Table 1 Summary of Soil Sample Analytical Results
1999 Centerpoint Parkway
ASTI File No. 6859

	Groundwater			Soil																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Table 1 Summary of Soil Sample Analytical Results
1999 Centerpoint Parkway
ASTI File No. 6859

Parameters	Statewide Default Background Levels*	Groundwater Surface Water Interface Protection Criteria*	Groundwater Contact Protection Criteria*	Soil Volatilization to Indoor Air Inhalation Criteria*	Direct Contact Criteria*	SS-1	SS-2	SS-3	Duplicate 1	SS-4	SS-5	SS-5	SS-6	SS-7	SS-8	SS-8	SS-9	SS-10	SS-10	SS-11	SS-11	Duplicate 2	SS-12	SS-13	SS-14	SS-15	SS-16	Trip Blank
						8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/29/08	8/29/08	8/29/08	8/29/08	8/29/08	8/29/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	
Di-n-octylphthalate	NA	ID	140,000,000	NLV	6,900,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
1,2-Diphenylhydrazine	-	-	-	-	-	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Fluoranthene	NA	5,500	730,000	1,000,000,000 (D)	46,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	1500	~
Fluorene	NA	5,300	890,000	580,000,000	27,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	~
Hexachlorobenzene	NA	350	8,200	41,000	8,900	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Hexachlorobutadiene	NA	91	350,000	130,000	100,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Hexachlorocyclopentadiene	NA	ID	720,000	30,000	720,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	~	~	<200	<200	<200	<200	<200	<200	~	~	~	~	~	~
Hexachloroethane	NA	1,800	110,000	40,000	230,000	<300	<300	<300	<300	<300	<300	<300	<300	<300	~	~	<300	<300	<300	<300	<300	<300	~	~	~	~	~	~
Indeno (1,2,3-cd) pyrene	NA	NLL	NLL	NLV	20,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	~
Isophorone	NA	11,000	2,400,000	NLV	2,400,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
2-Methylnaphthalene	NA	ID	5,500,000	ID	8,100,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	~
2-Methylphenol (o-cresol)	-	-	-	-	-	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
3&4 Methylphenol (m&p-cresol)	-	-	-	-	-	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Naphthalene	NA	870	2,100,000	250,000	16,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	~
2-Nitroaniline	-	-	-	-	-	<830	<830	<830	<830	<830	<830	<830	<830	<830	~	~	<830	<830	<830	<830	<830	<830	~	~	~	~	~	~
3-Nitroaniline	-	-	-	-	-	<830	<830	<830	<830	<830	<830	<830	<830	<830	~	~	<830	<830	<830	<830	<830	<830	~	~	~	~	~	~
4-Nitroaniline	-	-	-	-	-	<830	<830	<830	<830	<830	<830	<830	<830	<830	~	~	<830	<830	<830	<830	<830	<830	~	~	~	~	~	~
Nitrobenzene	NA	3,600	220,000	91,000	100,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	~	~	<200	<200	<200	<200	<200	<200	~	~	~	~	~	~
2-Nitrophenol	NA	ID	1,600,000	NLV	630,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
4-Nitrophenol	-	-	-	-	-	<830	<830	<830	<830	<830	<830	<830	<830	<830	~	~	<830	<830	<830	<830	<830	<830	~	~	~	~	~	~
N-Nitrosodimethylamine	-	-	-	-	-	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
N-Nitrosodi-n-propylamine	NA	NA	7,200	NLV	1,200	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
N-Nitrosododiphenylamine	NA	NA	700,000	NLV	1,700,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Pentachlorophenol	NA	(G,X)	4,300	NLV	90,000	<800	<800	<800	<800	<800	<800	<800	<800	<800	~	~	<800	<800	<800	<800	<800	<800	~	~	~	~	~	~
Phenanthrene	NA	5,300	1,100,000	2,800,000	1,600,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	970	~
Phenol	NA	4,200	12,000,000	NLV	12,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Pyrene	NA	ID	480,000	1,000,000,000 (D)	29,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	<330	1000	~
Pyridine	NA	NA	37,000	1,100	37,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
2,4,5-Trichlorophenol	NA	NA	9,100,000	NLV	23,000,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
2,4,6-Trichlorophenol	NA	NA	200,000	NLV	710,000	<330	<330	<330	<330	<330	<330	<330	<330	<330	~	~	<330	<330	<330	<330	<330	<330	~	~	~	~	~	~
Acetone	NA	34,000	110,000,000 (C)	110,000,000 (C)	23,000,000	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750	<750
Acrylonitrile	NA	98 (X)	280,000	6,600	16,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzene	NA	4,000 (X)	220,000	1,600	180,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Bromobenzene	NA	NA	360,000	310,000	540,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Bromochloromethane	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Bromodichloromethane	NA	ID	280,000	1,200	110,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Bromoform	NA	ID	870,000	150,000	820,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Bromomethane	NA	700	1,400,000	860	320,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
2-Butanone	NA	44,000	27,000,000 (C)	27,000,000 (C)	27,000,000 (C,DD)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Carbon disulfide	NA	ID	280,000 (C)	76,000	280,000 (C,DD)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Carbon tetrachloride	NA	900 (X)	92,000	190	96,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Chlorobenzene	NA	940	260,000 (C)	120,000	260,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Chloroethane	NA	ID	950,000 (C)	950,000 (C)	950,000 (C)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Chloroform	NA	3,400 (X)	1,500,000	7,200	1,200,000	<50	<50	<50	<5																			

Table 1 Summary of Soil Sample Analytical Results
1999 Centerpoint Parkway
ASTI File No. 6859

Parameters	Statewide	Groundwater	Groundwater	Soil	Direct	SS-1	SS-2	SS-3	Duplicate 1	SS-4	SS-5	SS-5	SS-6	SS-7	SS-8	SS-8	SS-9	SS-10	SS-10	SS-11	SS-11	Duplicate 2	SS-12	SS-13	SS-14	SS-15	SS-16	Trip
	Default	Water		Volatilization		4'-6'	6'-8'	8'-10'	SS-3	8'-10'	4'-5'	6'-8'	6'-8'	8'-10'	0.5'-2'	2'-4'	14'-16'	7'-8'	10'-12'	13'-15'	18'-20'	SS-11	4'-6'	7'-8'	7'-8'	4'-6'	2'-4'	
	Background	Interface	Contact	to Indoor Air	Contact	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	8/29/08	8/29/08	8/29/08	8/29/08	8/29/08	8/29/08	8/28/08	8/28/08	8/28/08	8/28/08	8/28/08	Blank
Criteria*	Levels*	Protection	Protection	Inhalation	Criteria*																							
Diethyl ether	NA	ID	7,400,000 (C)	7,400,000 (C)	7,400,000 (C)	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Diisopropyl ether	NA	ID	1,300 (C)	1,300 (C)	1,300 (C)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Ethyl benzene	NA	360	140,000 (C)	87,000	140,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Ethyltertiary butylether	-	-	-	-	-	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
2-Hexanone	NA	NA	2,500,000 (C)	990,000	2,500,000 (C)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Isopropylbenzene	NA	ID	390,000 (C)	390,000 (C)	390,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Methyl iodide	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Methyl (tert)butyl ether	NA	15,000 (X)	5,900,000 (C)	5,900,000 (C)	1,500,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
4-Methyl-2-pentanone	NA	ID	2,700,000 (C)	2,700,000 (C)	2,700,000 (C)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Methylene chloride	NA	19,000 (X)	2,300,000	45,000	1,300,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
2-Methylnaphthalene	NA	ID	5,500,000	ID	8,100,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Naphthalene	NA	870	2,100,000	250,000	16,000,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
n-Butylbenzene	NA	ID	120,000	ID	2,500,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
n-Propylbenzene	NA	NA	300,000	ID	2,500,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
p-Isopropyl toluene	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
sec-Butylbenzene	NA	ID	88,000	ID	2,500,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Styrene	NA	2,200	270,000	250,000	400,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
tertiary Amylmethylether	NA	NA	440,000	58,000	440,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Tertiary Butyl alcohol	NA	NA	110,000,000 (C)	110,000,000 (C)	110,000,000 (C)	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
tert-Butylbenzene	NA	NA	180,000	ID	2,500,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,1,2-Tetrachloroethane	NA	ID (X)	440,000 (C)	6,200	440,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	NA	1,600 (X)	94,000	4,300	53,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Tetrachloroethene	NA	900 (X)	88,000 (C)	11,000	88,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Tetrahydrofuran	NA	220,000	32,000,000	1,300,000	2,900,000	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
Toluene	NA	2,800	250,000 (C)	250,000 (C)	250,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
trans-1,4-Dichloro-2-butene	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
trans-1,2-Dichloroethene	NA	30,000	1,400,000 (C)	23,000	1,400,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
trans-1,3-Dichloropropene	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,2,3-Trichlorobenzene	-	-	-	-	-	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
1,2,4-Trichlorobenzene	NA	1,800	1,100,000	1,100,000 (C)	990,000 (DD)	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250
1,1,1-Trichloroethane	NA	4,000	460,000 (C)	250,000	460,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1,2-Trichloroethane	NA	6,600 (X)	420,000	4,600	180,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Trichloroethene	NA	4,000 (X)	440,000	7,100	500,000 (C,DD)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Trichlorofluoromethane	NA	NA	560,000 (C)	560,000 (C)	560,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,2,3-Trichloropropane	NA	NA	830,000 (C)	ID	830,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,2,3-Trimethylbenzene	-	-	-	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,2,4-Trimethylbenzene	NA	570	110,000 (C)	110,000 (C)	110,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,3,5-Trimethylbenzene	NA	1,100	94,000 (C)	94,000 (C)	94,000 (C)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Vinyl chloride	NA	300	20,000	270	3,800	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Xylenes	NA	700	150,000 (C)	150,000 (C)	150,000 (C)	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150

*Per Operational Memorandum #18, Revised January 23, 2006

** Per TSCA PCB Cleanup - 1998 PCB Disposal Amendments (Mega Rule)

~ Parameter



2105 Pless Drive • Brighton, Michigan 48114 • Phone (810) 229-7575 • Fax (810) 229-8650

September 08, 2008

Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Subject: Centerpoint
6859

Dear Mr. Kuberski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Enclosed are the results for the samples submitted on 08/29/2008 for the above mentioned project. Duplicate copies can be supplied at your request for a fee of \$20.00 per copy.

Enclosed is the invoice for this project. If you have any questions concerning the invoice or the data, please don't hesitate to contact our office. Please reference Brighton Analytical, L.L.C. project ID 99761 when calling with any questions regarding this project.

Sincerely,
Brighton Analytical, L.L.C.



Brighton Analytical, L.L.C.

2105 Pless Drive

Brighton, Michigan 48116

Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

To: Applied Science & Technology

10448 Citation Drive

Suite 100

Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/05/2008

BA Report Number: 99761

BA Sample ID: BQ04919

Project Name: Centerpoint

Project Number: 6859

Sample ID: Trip Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

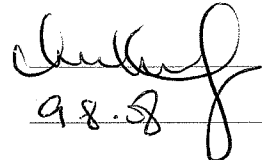
Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04919**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **Trip Blank**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008BA Report Number: **99761**
BA Sample ID: **BQ04919**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **Trip Blank**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08



Brighton Analytical, L.L.C.

2105 Pless Drive

Brighton, Michigan 48116

TM Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

To: Applied Science & Technology

10448 Citation Drive

Suite 100

Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04920

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	8300	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	57000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	350	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	17000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	17000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	11000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	400	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	51000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

To: Applied Science & Technology
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Sample Date: 08/28/2008

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Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04920

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
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Sample Date: 08/28/2008

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BA Report Number: 99761

BA Sample ID: BQ04920

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	350	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

To: Applied Science & Technology
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BA Sample ID: BQ04920

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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BA Sample ID: BQ04920

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04920

Project Name: Centerpoint

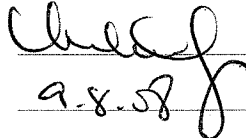
Project Number: 6859

Sample ID: SS-1 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	86	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08

To: Applied Science & Technology
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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04922

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-2 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	10000	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	52000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	230	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	15000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	13000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	470	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	45000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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Sample Date: 08/28/2008

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Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04922

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-2 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: **99761**BA Sample ID: **BQ04922**Project Name: **Centerpoint**Project Number: **6859**Sample ID: **SS-2 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04922Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-2 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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BA Report Number: 99761

BA Sample ID: BQ04922

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-2 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Brighton, MI 48116

Sample Date: 08/28/2008

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Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04922

Project Name: Centerpoint

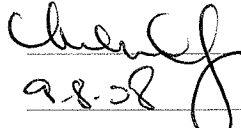
Project Number: 6859

Sample ID: SS-2 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	87	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-8-08

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04923Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-2 6-8 MS

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	109%	ug/Kg		SW846 6020	GW	09/02/2008
Total Barium	105%	ug/Kg		SW846 6020	GW	09/02/2008
Total Cadmium	103%	ug/Kg		SW846 6020	GW	09/02/2008
Total Chromium	105%	ug/Kg		SW846 6020	GW	09/02/2008
Total Copper	96%	ug/Kg		SW846 6020	GW	09/02/2008
Total Lead	99%	ug/Kg		SW846 6020	GW	09/02/2008
Total Mercury	99%	ug/Kg		SW846 7471A	KW	09/04/2008
Total Selenium	104%	ug/Kg		SW846 6020	GW	09/02/2008
Total Silver	80%	ug/Kg		SW846 6020	GW	09/02/2008
Total Zinc	109%	ug/Kg		SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1260	90	%		608/8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	93	%		8270/625	RG	09/04/2008
4-Chloro-3-methylphenol	101	%		8270/625	RG	09/04/2008
2-Chlorophenol	87	%		8270/625	RG	09/04/2008
Dibenzofuran	94	%		8270/625	RG	09/04/2008
1,4-Dichlorobenzene	89	%		8270/625	RG	09/04/2008
Di-n-butylphthalate	107	%		8270/625	RG	09/04/2008
2,4-Dinitrotoluene	104	%		8270/625	RG	09/04/2008
2-Methylnaphthalene	96	%		8270/625	RG	09/04/2008
2-Methylphenol	86	%		8270/625	RG	09/04/2008
3-Nitroaniline	100	%		8270/625	RG	09/04/2008
4-Nitrophenol	79	%		8270/625	RG	09/04/2008
N-Nitrosodi-n-propylamine	99	%		8270/625	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04923**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-2 6-8 MS**

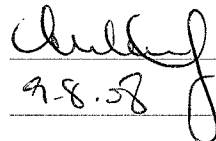
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pentachlorophenol	70	%		8270/625	RG	09/04/2008
Phenol	86	%		8270/625	RG	09/04/2008
Pyrene	104	%		8270/625	RG	09/04/2008
1,2,4-Trichlorobenzene	90	%		8270/625	RG	09/04/2008
2,4,5-Trichlorophenol	87	%		8270/625	RG	09/04/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis

Benzene	106	%		SW846 8260B	RG	09/04/2008
Carbon tetrachloride	85	%		SW846 8260B	RG	09/04/2008
Chlorobenzene	88	%		SW846 8260B	RG	09/04/2008
Chloroform	112	%		SW846 8260B	RG	09/04/2008
cis 1,2-Dichloroethane	88	%		SW846 8260B	RG	09/04/2008
Dibromomethane	92	%		SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	99	%		SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	98	%		SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	85	%		SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	98	%		SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	102	%		SW846 8260B	RG	09/04/2008
Ethylbenzene	92	%		SW846 8260B	RG	09/04/2008
Tetrachloroethane	101	%		SW846 8260B	RG	09/04/2008
Toluene	97	%		SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	92	%		SW846 8260B	RG	09/04/2008
Trichloroethene	103	%		SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	87	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

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Date: 9-8-08

To: Applied Science & Technology
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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04924

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-2 6-8 MSD

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	118%	ug/Kg		SW846 6020	GW	09/02/2008
Total Barium	111%	ug/Kg		SW846 6020	GW	09/02/2008
Total Cadmium	105%	ug/Kg		SW846 6020	GW	09/02/2008
Total Chromium	113%	ug/Kg		SW846 6020	GW	09/02/2008
Total Copper	103%	ug/Kg		SW846 6020	GW	09/02/2008
Total Lead	102%	ug/Kg		SW846 6020	GW	09/02/2008
Total Mercury	90%	ug/Kg		SW846 7471A	KW	09/04/2008
Total Selenium	122%	ug/Kg		SW846 6020	GW	09/02/2008
Total Silver	83%	ug/Kg		SW846 6020	GW	09/02/2008
Total Zinc	118%	ug/Kg		SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1260	80	%		608/8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	102	%		8270/625	RG	09/04/2008
4-Chloro-3-methylphenol	108	%		8270/625	RG	09/04/2008
2-Chlorophenol	92	%		8270/625	RG	09/04/2008
Dibenzofuran	100	%		8270/625	RG	09/04/2008
1,4-Dichlorobenzene	89	%		8270/625	RG	09/04/2008
Di-n-butylphthalate	115	%		8270/625	RG	09/04/2008
2,4-Dinitrotoluene	113	%		8270/625	RG	09/04/2008
2-Methylnaphthalene	102	%		8270/625	RG	09/04/2008
2-Methylphenol	88	%		8270/625	RG	09/04/2008
3-Nitroaniline	107	%		8270/625	RG	09/04/2008
4-Nitrophenol	62	%		8270/625	RG	09/04/2008
N-Nitrosodi-n-propylamine	105	%		8270/625	RG	09/04/2008

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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04924

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-2 6-8 MSD

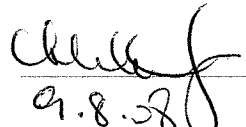
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pentachlorophenol	77	%		8270/625	RG	09/04/2008
Phenol	92	%		8270/625	RG	09/04/2008
Pyrene	114	%		8270/625	RG	09/04/2008
1,2,4-Trichlorobenzene	97	%		8270/625	RG	09/04/2008
2,4,5-Trichlorophenol	94	%		8270/625	RG	09/04/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis

Benzene	103	%		SW846 8260B	RG	09/04/2008
Carbon tetrachloride	86	%		SW846 8260B	RG	09/04/2008
Chlorobenzene	88	%		SW846 8260B	RG	09/04/2008
Chloroform	108	%		SW846 8260B	RG	09/04/2008
cis 1,2-Dichloroethane	86	%		SW846 8260B	RG	09/04/2008
Dibromomethane	90	%		SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	100	%		SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	98	%		SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	86	%		SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	95	%		SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	100	%		SW846 8260B	RG	09/04/2008
Ethylbenzene	92	%		SW846 8260B	RG	09/04/2008
Tetrachloroethane	97	%		SW846 8260B	RG	09/04/2008
Toluene	95	%		SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	96	%		SW846 8260B	RG	09/04/2008
Trichloroethene	98	%		SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	87	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04927Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-3 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	6000	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	37000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	270	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	11000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	11000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	6600	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	390	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	36000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04927**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-3 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

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Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04927

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-3 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04927**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-3 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: **99761**BA Sample ID: **BQ04927**Project Name: **Centerpoint**Project Number: **6859**Sample ID: **SS-3 8-10**

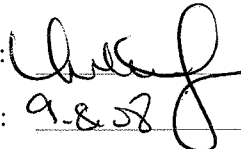
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04927**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-3 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	89	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-8-08



Brighton Analytical, L.L.C.

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To: Applied Science & Technology

10448 Citation Drive

Suite 100

Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04929

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-4 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	7200	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	85000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	280	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	17000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	12000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	500	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	48000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

Sample Date: 08/28/2008
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10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04929Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-4 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/05/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/05/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/05/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008

Sample Date: 08/28/2008
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Report Date: 09/08/2008To: Applied Science & Technology
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Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04929Project Name: Centerpoint
Project Number: 6859
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Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/05/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/05/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

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Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04929Project Name: Centerpoint
Project Number: 6859
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Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

Sample Date: 08/28/2008
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Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04929**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-4 8-10**

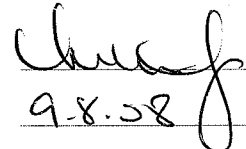
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008

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10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04929Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-4 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	86	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-8-08



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04930

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-5 4-5

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	4800	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	75000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	160	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	20000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	14000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	7100	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	350	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	42000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
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Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04930**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 4-5**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

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Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04930**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 4-5**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008



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Sample Date: 08/28/2008
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Report Date: 09/08/2008

BA Report Number: **99761**
BA Sample ID: **BQ04930**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 4-5**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Sample ID: **SS-5 4-5**

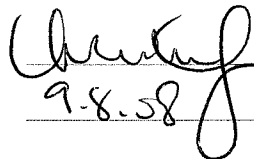
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04930**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 4-5**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	88	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-8-08

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Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04933**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	7400	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	36000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	230	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	12000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	13000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	6300	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	Not detected	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	48000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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BA Sample ID: **BQ04933**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008



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To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: **99761**
BA Sample ID: **BQ04933**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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BA Sample ID: **BQ04933**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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BA Sample ID: **BQ04933**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

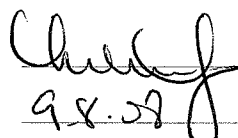
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

Sample Date: 08/28/2008
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Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04933**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-6 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	90	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08



Brighton Analytical, L.L.C.
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To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04935

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-7 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	9900	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	70000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	270	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	22000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	20000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	11000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	430	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	61000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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BA Sample ID: **BQ04935**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-7 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

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BA Sample ID: **BQ04935**Project Name: **Centerpoint**
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Sample ID: **SS-7 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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Project Number: **6859**
Sample ID: **SS-7 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04935**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-7 8-10**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04935

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-7 8-10

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	89	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:

9.8.08



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04937

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-8 2-4

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	29000	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	46000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	210	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	13000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	9400	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	230	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	41000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PNA Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04937

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-8 2-4

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
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Report Date: 09/05/2008

BA Report Number: **99761**
BA Sample ID: **BQ04937**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-8 2-4**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

To: Applied Science & Technology
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BA Report Number: 99761
BA Sample ID: BQ04937

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-8 2-4

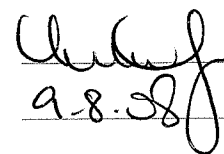
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	90	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9-8-08



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04939

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-9 14-16

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	17000	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	54000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	510	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	12000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	37000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	460	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	45000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Below det lim	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Below det lim	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008



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Sample Date: 08/29/2008
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Report Date: 09/08/2008

BA Report Number: **99761**
BA Sample ID: **BQ04939**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-9 14-16**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

To: Applied Science & Technology

10448 Citation Drive

Suite 100

Brighton, MI 48116

Sample Date: 08/29/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

BA Report Number: 99761

BA Sample ID: BQ04939

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-9 14-16

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008



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Suite 100
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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04939

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-9 14-16

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04939Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-9 14-16

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

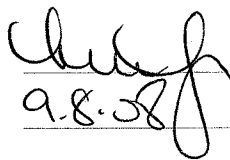
BA Report Number: 99761
BA Sample ID: BQ04939

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-9 14-16

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	88	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08



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To: Applied Science & Technology
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Brighton, MI 48116

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04940

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-19 14-16 MS

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	111%	ug/Kg		SW846 6020	GW	09/02/2008
Total Barium	106%	ug/Kg		SW846 6020	GW	09/02/2008
Total Cadmium	113%	ug/Kg		SW846 6020	GW	09/02/2008
Total Chromium	114%	ug/Kg		SW846 6020	GW	09/02/2008
Total Copper	103%	ug/Kg		SW846 6020	GW	09/02/2008
Total Lead	108%	ug/Kg		SW846 6020	GW	09/02/2008
Total Mercury	98%	ug/Kg		SW846 7471A	KW	09/04/2008
Total Selenium	109%	ug/Kg		SW846 6020	GW	09/02/2008
Total Silver	93%	ug/Kg		SW846 6020	GW	09/02/2008
Total Zinc	119%	ug/Kg		SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1260	78	%		608/8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	99	%		8270/625	RG	09/05/2008
4-Chloro-3-methylphenol	105	%		8270/625	RG	09/05/2008
2-Chlorophenol	88	%		8270/625	RG	09/05/2008
Dibenzofuran	97	%		8270/625	RG	09/05/2008
1,4-Dichlorobenzene	75	%		8270/625	RG	09/05/2008
Di-n-butylphthalate	120	%		8270/625	RG	09/05/2008
2,4-Dinitrotoluene	114	%		8270/625	RG	09/05/2008
2-Methylnaphthalene	96	%		8270/625	RG	09/05/2008
2-Methylphenol	91	%		8270/625	RG	09/05/2008
3-Nitroaniline	104	%		8270/625	RG	09/05/2008
4-Nitrophenol	98	%		8270/625	RG	09/05/2008
N-Nitrosodi-n-propylamine	103	%		8270/625	RG	09/05/2008

Sample Date: 08/29/2008

Submit Date: 08/29/2008

Report Date: 09/08/2008

To: Applied Science & Technology

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Suite 100

Brighton, MI 48116

BA Report Number: 99761

BA Sample ID: BQ04940

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-19 14-16 MS

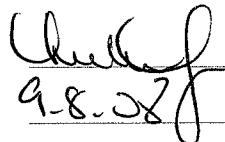
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pentachlorophenol	71	%		8270/625	RG	09/05/2008
Phenol	100	%		8270/625	RG	09/05/2008
Pyrene	111	%		8270/625	RG	09/05/2008
1,2,4-Trichlorobenzene	85	%		8270/625	RG	09/05/2008
2,4,5-Trichlorophenol	91	%		8270/625	RG	09/05/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis

Benzene	102	%		SW846 8260B	RG	09/04/2008
Carbon tetrachloride	82	%		SW846 8260B	RG	09/04/2008
Chlorobenzene	86	%		SW846 8260B	RG	09/04/2008
Chloroform	113	%		SW846 8260B	RG	09/04/2008
cis 1,2-Dichloroethane	84	%		SW846 8260B	RG	09/04/2008
Dibromomethane	89	%		SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	98	%		SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	94	%		SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	82	%		SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	98	%		SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	99	%		SW846 8260B	RG	09/04/2008
Ethylbenzene	89	%		SW846 8260B	RG	09/04/2008
Tetrachloroethane	96	%		SW846 8260B	RG	09/04/2008
Toluene	94	%		SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	87	%		SW846 8260B	RG	09/04/2008
Trichloroethene	163	%		SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	88	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-8-08



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04941

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-19 14-16 MSD

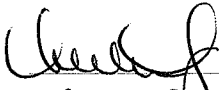
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	108%	ug/Kg		SW846 6020	GW	09/02/2008
Total Barium	93%	ug/Kg		SW846 6020	GW	09/02/2008
Total Cadmium	101%	ug/Kg		SW846 6020	GW	09/02/2008
Total Chromium	105%	ug/Kg		SW846 6020	GW	09/02/2008
Total Copper	93%	ug/Kg		SW846 6020	GW	09/02/2008
Total Lead	94%	ug/Kg		SW846 6020	GW	09/02/2008
Total Mercury	97%	ug/Kg		SW846 7471A	KW	09/04/2008
Total Selenium	108%	ug/Kg		SW846 6020	GW	09/02/2008
Total Silver	83%	ug/Kg		SW846 6020	GW	09/02/2008
Total Zinc	108%	ug/Kg		SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1260	79	%		608/8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	105	%		8270/625	RG	09/05/2008
4-Chloro-3-methylphenol	109	%		8270/625	RG	09/05/2008
2-Chlorophenol	91	%		8270/625	RG	09/05/2008
Dibenzofuran	101	%		8270/625	RG	09/05/2008
1,4-Dichlorobenzene	78	%		8270/625	RG	09/05/2008
Di-n-butylphthalate	129	%		8270/625	RG	09/05/2008
2,4-Dinitrotoluene	116	%		8270/625	RG	09/05/2008
2-Methylnapthalene	101	%		8270/625	RG	09/05/2008
2-Methylphenol	93	%		8270/625	RG	09/05/2008
3-Nitroaniline	107	%		8270/625	RG	09/05/2008
4-Nitrophenol	100	%		8270/625	RG	09/05/2008
N-Nitrosodi-n-propylamine	106	%		8270/625	RG	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04941Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-19 14-16 MSD

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pentachlorophenol	75	%		8270/625	RG	09/05/2008
Phenol	102	%		8270/625	RG	09/05/2008
Pyrene	111	%		8270/625	RG	09/05/2008
1,2,4-Trichlorobenzene	89	%		8270/625	RG	09/05/2008
2,4,5-Trichlorophenol	94	%		8270/625	RG	09/05/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis						
Benzene	97	%		SW846 8260B	RG	09/04/2008
Carbon tetrachloride	83	%		SW846 8260B	RG	09/04/2008
Chlorobenzene	83	%		SW846 8260B	RG	09/04/2008
Chloroform	107	%		SW846 8260B	RG	09/04/2008
cis 1,2-Dichloroethane	80	%		SW846 8260B	RG	09/04/2008
Dibromomethane	85	%		SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	95	%		SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	93	%		SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	81	%		SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	93	%		SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	95	%		SW846 8260B	RG	09/04/2008
Ethylbenzene	87	%		SW846 8260B	RG	09/04/2008
Tetrachloroethane	92	%		SW846 8260B	RG	09/04/2008
Toluene	89	%		SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	91	%		SW846 8260B	RG	09/04/2008
Trichloroethene	159	%		SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	88	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04943

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 10-12

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	11000	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	47000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	310	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	14000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	14000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	370	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	50000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008

PCB Analysis

ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008

Semi-Volatile Analysis

Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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BA Report Number: 99761

BA Sample ID: BQ04943

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-10 10-12

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: **99761**
BA Sample ID: **BQ04943**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-10 10-12**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008



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Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04943

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 10-12

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 10-12

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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BA Report Number: 99761
BA Sample ID: BQ04943

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 10-12

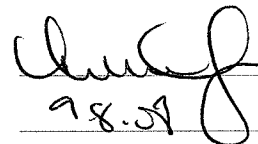
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	87	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9.8.08

Sample Date: 08/29/2008
Submit Date: 08/29/2008
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BA Sample ID: BQ04945Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-11 18-20

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	9200	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	37000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	410	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	14000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	67	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	470	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	44000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008



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BA Report Number: 99761
BA Sample ID: BQ04945

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-11 18-20

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/05/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/05/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/05/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04945**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 18-20**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/05/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/05/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

Sample Date: 08/29/2008
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10448 Citation Drive
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Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04945Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-11 18-20

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
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Brighton, MI 48116BA Report Number: **99761**
BA Sample ID: **BQ04945**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 18-20**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

To: Applied Science & Technology
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Brighton, MI 48116

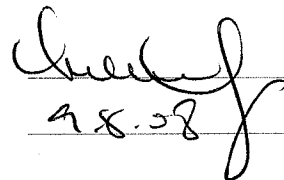
BA Report Number: 99761
BA Sample ID: BQ04945

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-11 18-20

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	93	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9.8.08



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To: Applied Science & Technology
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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04947

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-12 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	7900	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	26000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	220	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	10000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	14000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	5500	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	380	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	39000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008

PNA Analysis

Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008



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Sample Date: 08/28/2008
 Submit Date: 08/29/2008
 Report Date: 09/05/2008

BA Report Number: **99761**
 BA Sample ID: **BQ04947**

Project Name: **Centerpoint**
 Project Number: **6859**
 Sample ID: **SS-12 4-6**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
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Report Date: 09/05/2008

BA Report Number: **99761**
BA Sample ID: **BQ04947**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-12 4-6**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

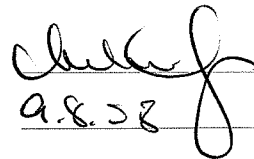
BA Report Number: 99761
BA Sample ID: BQ04947

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-12 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	88	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 
Date: 9.8.08



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04949

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-13 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	5700	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	28000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	210	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	10000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	11000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	5300	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	330	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	34000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008

PNA Analysis

Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04949

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-13 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Submit Date: 08/29/2008
Report Date: 09/05/2008BA Report Number: 99761
BA Sample ID: BQ04949Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-13 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008



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Submit Date: 08/29/2008
Report Date: 09/05/2008

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BA Report Number: 99761
BA Sample ID: BQ04949

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-13 7-8

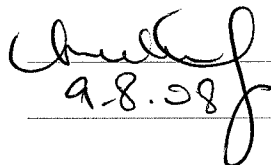
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	89	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9-8-08



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04951

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-14 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	3700	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	17000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	170	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	5000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	5200	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	3000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	300	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	17000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008

PNA Analysis

Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04951

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-14 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Submit Date: 08/29/2008
Report Date: 09/05/2008BA Report Number: **99761**
BA Sample ID: **BQ04951**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-14 7-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008



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To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: **99761**
BA Sample ID: **BQ04951**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-14 7-8**

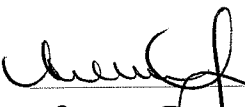
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	90	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

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Date:


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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/05/2008

BA Report Number: 99761

BA Sample ID: BQ04952

Project Name: Centerpoint

Project Number: 6859

Sample ID: SS-15 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	6600	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	70000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	260	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	11000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	5900	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	280	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	33000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PNA Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04952

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-15 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
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Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04952

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-15 4-6

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008To: Applied Science & Technology
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Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04952Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-15 4-6

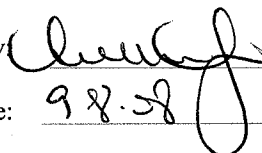
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	87	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by

Date:


9.8.08



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To: Applied Science & Technology
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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04954

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-16 2-4

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	8400	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	34000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	410	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	360	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	55000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008

PNA Analysis

Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)anthracene	510	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(a)pyrene	500	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(b)fluoranthene	360	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(g,h,i)perylene	410	ug/Kg	330	SW846 8270C	RG	09/03/2008
Benzo(k)fluoranthene	520	ug/Kg	330	SW846 8270C	RG	09/03/2008
Chrysene	630	ug/Kg	330	SW846 8270C	RG	09/03/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluoranthene	1500	ug/Kg	330	SW846 8270C	RG	09/03/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/03/2008
Phenanthrene	970	ug/Kg	330	SW846 8270C	RG	09/03/2008

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Submit Date: 08/29/2008
Report Date: 09/05/2008BA Report Number: **99761**
BA Sample ID: **BQ04954**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-16 2-4**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	1000	ug/Kg	330	SW846 8270C	RG	09/03/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/02/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
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Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008BA Report Number: **99761**
BA Sample ID: **BQ04954**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-16 2-4**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

BA Report Number: **99761**
BA Sample ID: **BQ04954**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-16 2-4**

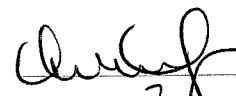
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	93	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


a.g. 58

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: 99761
BA Sample ID: BQ04956Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate 1

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	6700	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	45000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	250	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	12000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	15000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	480	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	44000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008



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Sample Date: 08/28/2008
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Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04956

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate 1

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/05/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/05/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/05/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008



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BA Report Number: 99761
BA Sample ID: BQ04956

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate 1

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/05/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/05/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

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BA Report Number: 99761

BA Sample ID: BQ04956

Project Name: Centerpoint

Project Number: 6859

Sample ID: Duplicate 1

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

To: Applied Science & Technology
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Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04956Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate 1

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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BA Report Number: 99761
BA Sample ID: BQ04956

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate 1

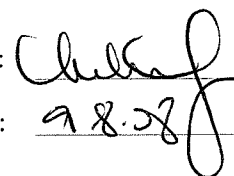
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	85	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9.8.08



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To: Applied Science & Technology
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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: **99761**
BA Sample ID: **BQ04957**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **Duplicate**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	8200	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Barium	45000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Cadmium	390	ug/Kg	50	SW846 6020	GW	09/02/2008
Total Chromium	13000	ug/Kg	500	SW846 6020	GW	09/02/2008
Total Copper	17000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Lead	22000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	340	ug/Kg	200	SW846 6020	GW	09/02/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/02/2008
Total Zinc	49000	ug/Kg	1000	SW846 6020	GW	09/02/2008
Metal Soil (digestion)	Digested			3050	LS	09/02/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/07/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008



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Sample Date: 08/29/2008
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Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04957

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/05/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/05/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/05/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008

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Submit Date: 08/29/2008
Report Date: 09/08/2008BA Report Number: 99761
BA Sample ID: BQ04957Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/05/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/05/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008



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Submit Date: 08/29/2008
Report Date: 09/08/2008

BA Report Number: 99761
BA Sample ID: BQ04957

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	RG	09/04/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	RG	09/04/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	RG	09/04/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008

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Brighton, MI 48116Sample Date: 08/29/2008
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Report Date: 09/08/2008BA Report Number: **99761**
BA Sample ID: **BQ04957**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **Duplicate**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	RG	09/04/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	RG	09/04/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	RG	09/04/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008



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BA Sample ID: BQ04957

Project Name: Centerpoint
Project Number: 6859
Sample ID: Duplicate

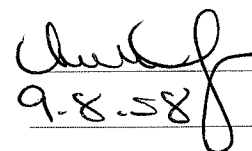
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	RG	09/04/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	RG	09/04/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	RG	09/04/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	91	%		ASTM D-2216	LS	09/02/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9-8-08



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Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/05/2008

BA Report Number: 99761

BA Sample ID: BQ04958

Project Name: Centerpoint

Project Number: 6859

Sample ID: Equipment Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	Not detected	ug/L	1	EPA 200.8 rev5.4	GW	09/03/2008
Total Barium	Not detected	ug/L	100	EPA 200.8 rev5.4	GW	09/03/2008
Total Cadmium	Not detected	ug/L	0.2	EPA 200.8 rev5.4	GW	09/03/2008
Total Chromium	Not detected	ug/L	5	EPA 200.8 rev5.4	GW	09/03/2008
Total Copper	Not detected	ug/L	4	EPA 200.8 rev5.4	GW	09/03/2008
Total Lead	Not detected	ug/L	3	EPA 200.8 rev5.4	GW	09/03/2008
Total Mercury	Not detected	ug/L	0.2	EPA 245.1	GW	09/04/2008
Total Selenium	Not detected	ug/L	5	EPA 200.8 rev5.4	GW	09/03/2008
Total Silver	Not detected	ug/L	0.2	EPA 200.8 rev5.4	GW	09/03/2008
Total Zinc	Not detected	ug/L	10	EPA 200.8 rev5.4	GW	09/03/2008
Mercury (digestion)	Digested			7470/7471	GW	09/04/2008
Metal Water Total (digest)	Digested			3015	LS	09/02/2008

PCB Analysis

ARO 1016	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1221	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1232	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1242	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1248	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1254	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1260	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1262	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
ARO 1268	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
Total PCB	Not detected	ug/L	0.2	EPA 608	BY	09/03/2008
PCB liquid (extraction)	Extracted			3510/3550	MB	09/02/2008

Semi-Volatile Analysis

Acenaphthene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Acenaphthylene	Not detected	ug/L	5	EPA 625	RG	09/04/2008



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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04958

Project Name: Centerpoint
Project Number: 6859
Sample ID: Equipment Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Aniline	Not detected	ug/L	4	EPA 625	RG	09/04/2008
Anthracene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Azobenzene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Benzo(ghi)perylene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Benzoic acid	Not detected	ug/L	50	EPA 625	RG	09/04/2008
Benzyl alcohol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Carbazole	Not detected	ug/L	10	EPA 625	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
4-Chloroaniline	Not detected	ug/L	10	EPA 625	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2-Chlorophenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Chrysene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
Dibenzofuran	Not detected	ug/L	4	EPA 625	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Diethylphthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Dimethylphthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/L	20	EPA 625	RG	09/04/2008



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: 99761
BA Sample ID: BQ04958

Project Name: Centerpoint
Project Number: 6859
Sample ID: Equipment Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrophenol	Not detected	ug/L	20	EPA 625	RG	09/04/2008
2,4-Dinitrotoluene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/L	5	EPA 625	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Fluoranthene	Not detected	ug/L	1	EPA 625	RG	09/04/2008
Fluorene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
Hexachloroethane	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Indeno(1,2,3)pyrene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
Isophorone	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/L	5	EPA 625	RG	09/04/2008
3&4-Methylphenol(m&p-Cresol)	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Naphthalene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
2-Nitroaniline	Not detected	ug/L	20	EPA 625	RG	09/04/2008
3-Nitroaniline	Not detected	ug/L	20	EPA 625	RG	09/04/2008
4-Nitroaniline	Not detected	ug/L	20	EPA 625	RG	09/04/2008
Nitrobenzene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
2-Nitrophenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
4-Nitrophenol	Not detected	ug/L	20	EPA 625	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/L	5	EPA 625	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/L	5	EPA 625	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Pentachlorophenol	Not detected	ug/L	20	EPA 625	RG	09/04/2008
Phenanthrene	Not detected	ug/L	2	EPA 625	RG	09/04/2008
Phenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Pyrene	Not detected	ug/L	5	EPA 625	RG	09/04/2008
Pyridine	Not detected	ug/L	20	EPA 625	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/L	5	EPA 625	RG	09/04/2008



Brighton Analytical, L.L.C.
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Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

BA Report Number: 99761
BA Sample ID: BQ04958

Project Name: Centerpoint
Project Number: 6859
Sample ID: Equipment Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4,6-Trichlorophenol	Not detected	ug/L	4	EPA 625	RG	09/04/2008
BNA liquid (extraction)	Extracted			3510/3550	MB	09/03/2008

Volatile Analysis

Acetone	Not detected	ug/L	20	SW846 8260B	RG	09/03/2008
Acrylonitrile	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Benzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Bromobenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Bromochloromethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Bromodichloromethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Bromoform	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Bromomethane(Methyl Bromide)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
2-Butanone (MEK)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Carbon disulfide	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Carbon tetrachloride	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Chlorobenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Chloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Chloroform	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Chloromethane(Methyl Chloride)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
cis-1,2-Dichloroethene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
cis-1,3-Dichloropropene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Cyclohexane	Not detected	ug/L	10	SW846 8260B	RG	09/03/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Dibromochloromethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2-Dibromoethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Dibromomethane(Methylene Bromide)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2-Dichlorobenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,3-Dichlorobenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,4-Dichlorobenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Dichlorodifluoromethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,1-Dichloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2-Dichloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008



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To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

BA Report Number: **99761**
BA Sample ID: **BQ04958**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **Equipment Blank**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2-Dichloropropane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Diethyl ether	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Diisopropyl Ether(DIPE)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Ethyl benzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Ethyltertiarybutylether(ETBE)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Isopropylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Methyl iodide(Iodomethane)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Methylene chloride	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
2-Methylnaphthalene	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Naphthalene	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
n-Butylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
n-Propylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
sec-Butylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Styrene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/L	50	SW846 8260B	RG	09/03/2008
tertiaryAmylmethylether(TAME)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
tertiaryButylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Tetrachloroethene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Tetrahydrofuran(THF)	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
Toluene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
trans-1,2-Dichloroethene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
trans-1,3-Dichloropropene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2,3-Trichlorobenzene	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008
1,2,4-Trichlorobenzene	Not detected	ug/L	5	SW846 8260B	RG	09/03/2008



Brighton Analytical, L.L.C.
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Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/05/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

BA Report Number: 99761
BA Sample ID: BQ04958

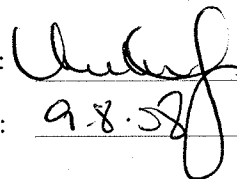
Project Name: Centerpoint
Project Number: 6859
Sample ID: Equipment Blank

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,1,2-Trichloroethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Trichloroethene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Trichlorofluoromethane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2,3-Trichloropropane	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2,3-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,2,4-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
1,3,5-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Vinyl chloride	Not detected	ug/L	1	SW846 8260B	RG	09/03/2008
Xylenes(total)	Not detected	ug/L	3	SW846 8260B	RG	09/03/2008

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9.8.08

BA Brighton Analytical, L.L.C. 2105 Pless Drive Brighton, MI 48114 Phone: 810-229-7575 Fax: 810-229-8650		BA PROJECT #: 99761		Analysis Requested/Method										PAGE <u>1</u> OF <u>1</u>	
COMPANY NAME: ASTI Environmental PROJECT NAME: Center point PROJECT NUMBER: 6859 P.O. NUMBER:		ABBREVIATIONS FOR MATRIX S = Solid L = Liquid DW = Drinking H ₂ O WW = Wastewater O = Oil P = Wipe A = Air (Tedlar Bag) F = Filter T = Tube M = Methanol		Sample Matrix FOR DISSOLVED METALS (L) LAB TO FILTER (F) FIELD FILTERED										REPORT RESULTS TO:	
REQUESTED TURNAROUND: (circle one) Rush: 1-3 business days (verify with lab & specify date needed) Expedited: 5 business days Standard: 10 business days		IF RUSH, approved by:		Container Type & Quantity										Attn: Brian Kubersky PHONE: 810 225-2800 FAX:	
Brighton ID #	Sample Description	Time	Date	VOA'S (PRES) Y N	HDPE UNPRESERVED	HDPE HNO ₃	HDPE H ₂ SO ₄	HDPE NaOH	AMBER	GLASS H ₂ SO ₄	GLASS, NO PRESERVATIVE	MEOH Preserved: (F) Field or (L) Lab Preserved	Sample received within holding time? yes ☐ no ☐ For TCLP ONLY - Federal Limits ☐ Other ☐ Samples intact: yes ☐ no ☐ (if no, see below) Note samples if not intact:		
300499	Trip Blank			1									Headspace/bubbles in VOA'S? yes ☐ no ☐ n/a ☐ Sample containers and COC match? yes ☐ no ☐ Comments:		
20	SS-1 4-6	12:32	8/24/08										10 M.L. M.L.L. VOCs SVOCs PCBs Hold		
21	SS-2 6-8	12:37											F-mal		
22	SS-2 6-8	11:45											F-mal		
23/24	SS-2 MS/MSD 6-8	11:55											F-mal		
25	SS-2 8-10	12:02											F-mal		
26	SS-3 6-8	10:32											F-mal		
27	SS-3 8-10	10:36											F-mal		
28	SS-4 6-8	9:59											F-mal		
29	SS-4 8-10	9:54											F-mal		
30	SS-5 4-5	9:23											F-mal		
Temperature of Samples °C: <u>4</u>															
Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.															
Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:						
1	<i>Brian Kubersky</i>	<i>Brian Kubersky</i>	8/29/08		3										
2	<i>John L. ...</i>	<i>John L. ...</i>	8/29/08	3:30pm	4										

BA

Brighton Analytical, L.L.C.TM

2105 Pless Drive

Brighton, MI 48114

Phone: 810-229-7575

Fax: 810-229-8650

COMPANY NAME: ASTE Environmental

PROJECT NAME: Center point

PROJECT NUMBER: 6859

P. O. NUMBER:

REQUESTED TURNAROUND: (circle one)

Rush: 1-3 business days (verify with lab & specify date needed)

Expedited: 5 business days

Standard: 10 business days

Brighton ID #	Sample Description	If RUSH, approved by:		Container Type & Quantity						VOA'S (PRES)	Y	N	HDPE UNRESERVED	HDPE HNO ₃	HDPE H ₂ SO ₄	HDPE NaOH	AMBER	GLASS H ₂ SO ₄	GLASS, NO PRESERVATIVE	MEOH Preserved: (Field or Lab Preserved)	Sample Matrix	Analysis Requested/Method					
		Time	Date	Sampling	Time	Date	Time	Date	Time	Date																	
14943	SS-10 10-12	10:05	8/29/08								1																
44	SS-11 13-15	8:31																									
45	SS-11 18-20	8:20																									
46	SS-12 2-4	16:39	8/28/08																								
47	SS-12 4-6	16:35																									
48	SS-13 2-3	17:18																									
49	SS-13 7-8	17:14																									
50	SS-14 2-4	17:36																									
51	SS-14 7-8	17:52																									
52	SS-15 4-6	15:16																									
53	SS-15 6-8	15:20																									

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

BA PROJECT #:

09761

ABBREVIATIONS FOR MATRIX

L = Liquid

DW = Drinking H₂O

WW = Wastewater

O = Oil

P = Wipe

A = Air (Tedlar Bag)

F = Filter

T = Tube

M = Methanol

Analysis Requested/Method

FOR DISSOLVED METALS (L) LAB TO FILTER (F) FIELD FILTERED

VOG

SVOC

M.L. to M.L.

P.N.B.

P.C.B.

REPORT RESULTS TO:

Attn: Brian Kuberski

PHONE: 810 225-2800

FAX:

PAGE 30 OF 4

Sample received within holding time? yes ☐ no ☐

For TCLP ONLY - Federal Limits ☐ Other ☐

Samples intact: yes ☐ no ☐ (if no, see below)

Note samples if not intact:

Headspace/bubbles in VOA'S? yes ☐ no ☐ n/a ☐

Sample containers and COC match? yes ☐ no ☐

Comments:

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	Brian Kuberski	[Signature]	8/29/08		3				
2	[Signature]	[Signature]	8/29/08	3:30pm	4				

BA		Brighton Analytical, L.L.C.™		PROJECT #: 49761		Analysis Requested/Method		PAGE 4 OF 4	
2105 Pless Drive Brighton, MI 48114		Phone: 810-229-7575 Fax: 810-229-8650		ASTI ENVIRONMETHAL		Attn: Brian Kubucki PHONE: 910 225-2800 FAX:		REPORT RESULTS TO:	
COMPANY NAME:		PROJECT NAME:		PROJECT NUMBER:		P. O. NUMBER:		Sample received within holding time? yes ☐ no ☐	
REQUESTED TURNAROUND: (circle one) Rush: 1-3 business days (verify with lab & specify date needed) Expedited: 5 business days Standard: 10 business days		IF RUSH, approved by:		Container Type & Quantity		Sample Matrix		For TCLP ONLY - Federal Limits ☐ Other ☐	
Brighton ID #		Sample Description		Time		Date		Samples intact: yes ☐ no ☐ (if no, see below)	
1) 54		SS-16 2-4		15:56		8/28/08		Note samples if not intact:	
2) 55		SS-16 4-6		16:01		8/28/08		Headspace/bubbles in VOA'S? yes ☐ no ☐ n/a ☐	
3) 56		Duplicate 1		8/28/08		8/28/08		Sample containers and COC match? yes ☐ no ☐	
4) 57		Duplicate		8/29/08		8/29/08		Comments:	
5) 58		Equipment Blank		18:00		8/28/08			
6)									
7)									
8)									
9)									
10)									
11)									
								METHANOL EPA 5035	
								Temperature of Samples °C: 4	
Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.									
RELINQUISHED BY:		RECEIVED BY:		DATE:		TIME:		Trans. #	
1) Brian Kubucki		8/29/08		8/29/08		3:30pm		3	
2) [Signature]		8/29/08		8/29/08		3:30pm		4	



2105 Pless Drive • Brighton, Michigan 48114 • Phone (810) 229-7575 • Fax (810) 229-8650

September 11, 2008

Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

Subject: Centerpoint
6859

Dear Mr. Kuberski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Enclosed are the results for the samples submitted on 08/29/2008 for the above mentioned project. Duplicate copies can be supplied at your request for a fee of \$20.00 per copy.

Enclosed is the invoice for this project. If you have any questions concerning the invoice or the data, please don't hesitate to contact our office. Please reference Brighton Analytical, L.L.C. project ID 99761B when calling with any questions regarding this project.

Sincerely,
Brighton Analytical, L.L.C.



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116

BA Report Number: 99761B
BA Sample ID: BQ04931

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-5 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	5200	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Barium	40000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Cadmium	200	ug/Kg	50	SW846 6020	GW	09/03/2008
Total Chromium	12000	ug/Kg	500	SW846 6020	GW	09/03/2008
Total Copper	10000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Lead	5700	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	290	ug/Kg	200	SW846 6020	GW	09/03/2008
Total Silver	130	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Zinc	31000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Metal Soil (digestion)	Digested			3050	LS	09/03/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
PCB solid extraction	Extracted			3510/3550	MB	09/03/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

Sample Date: 08/28/2008
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Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04931**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

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Submit Date: 08/29/2008
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BA Sample ID: **BQ04931**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

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Report Date: 09/11/2008BA Report Number: **99761B**
BA Sample ID: **BQ04931**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008

Volatile Analysis(Methanol Preserved)

Acetone	Not detected	ug/Kg	750	SW846 8260B	CW	09/05/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	CW	09/05/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	CW	09/05/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008

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Report Date: 09/11/2008BA Report Number: **99761B**
BA Sample ID: **BQ04931**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-5 6-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	CW	09/05/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008



Brighton Analytical, L.L.C.
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To: Applied Science & Technology

10448 Citation Drive

Suite 100

Brighton, MI 48116

Sample Date: 08/28/2008

Submit Date: 08/29/2008

Report Date: 09/11/2008

BA Report Number: 99761B

BA Sample ID: BQ04931

Project Name: Centerpoint

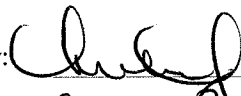
Project Number: 6859

Sample ID: SS-5 6-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	CW	09/05/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	CW	09/05/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	90	%		ASTM D-2216	LS	09/03/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-11-08

To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008BA Report Number: **99761B**
BA Sample ID: **BQ04936**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-8 0.5-2**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	5400	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Barium	44000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Cadmium	210	ug/Kg	50	SW846 6020	GW	09/03/2008
Total Chromium	14000	ug/Kg	500	SW846 6020	GW	09/03/2008
Total Copper	14000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Lead	24000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	500	ug/Kg	200	SW846 6020	GW	09/03/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Zinc	44000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Metal Soil (digestion)	Digested			3050	LS	09/03/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PNA Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008

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BA Sample ID: **BQ04936**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-8 0.5-2**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/09/2008
PNA solid GC/MS (extraction)	Extracted			3510/3550	MB	09/08/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	CW	09/05/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	CW	09/05/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	CW	09/05/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008

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BA Sample ID: BQ04936Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-8 0.5-2

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	CW	09/05/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008



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10448 Citation Drive
Suite 100
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Sample Date: 08/28/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008

BA Report Number: 99761B
BA Sample ID: BQ04936

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-8 0.5-2

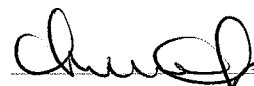
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	CW	09/05/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	CW	09/05/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/28/2008
%Solid	90	%		ASTM D-2216	LS	09/03/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9-11-08



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008

BA Report Number: **99761B**
BA Sample ID: **BQ04942**

Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-10 7-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	5800	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Barium	34000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Cadmium	310	ug/Kg	50	SW846 6020	GW	09/03/2008
Total Chromium	9400	ug/Kg	500	SW846 6020	GW	09/03/2008
Total Copper	12000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Lead	12000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	510	ug/Kg	200	SW846 6020	GW	09/03/2008
Total Silver	130	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Zinc	35000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Metal Soil (digestion)	Digested			3050	LS	09/03/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
PCB solid extraction	Extracted			3510/3550	MB	09/08/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04942**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-10 7-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/04/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/04/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/04/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008

Sample Date: 08/29/2008
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BA Sample ID: **BQ04942**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-10 7-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/04/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/04/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/04/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/04/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/04/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
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Suite 100
Brighton, MI 48116BA Report Number: 99761B
BA Sample ID: BQ04942Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 7-8

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	CW	09/05/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	CW	09/05/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	CW	09/05/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04942**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-10 7-8**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	CW	09/05/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008



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Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008

To: Applied Science & Technology
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Brighton, MI 48116

BA Report Number: 99761B
BA Sample ID: BQ04942

Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-10 7-8

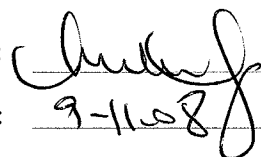
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	CW	09/05/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	CW	09/05/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	92	%		ASTM D-2216	LS	09/03/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by:

Date:


9-11-08

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: 99761B
BA Sample ID: BQ04944Project Name: Centerpoint
Project Number: 6859
Sample ID: SS-11 13-15

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Total Metal Analysis						
Total Arsenic	4100	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Barium	30000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Cadmium	350	ug/Kg	50	SW846 6020	GW	09/03/2008
Total Chromium	10000	ug/Kg	500	SW846 6020	GW	09/03/2008
Total Copper	12000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Lead	35000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Total Mercury	Not detected	ug/Kg	50	SW846 7471A	KW	09/04/2008
Total Selenium	250	ug/Kg	200	SW846 6020	GW	09/03/2008
Total Silver	Not detected	ug/Kg	100	SW846 6020	GW	09/03/2008
Total Zinc	40000	ug/Kg	1000	SW846 6020	GW	09/03/2008
Metal Soil (digestion)	Digested			3050	LS	09/03/2008
Mercury (digestion)	Digested			7470/7471	KW	09/04/2008
PCB Analysis						
ARO 1016	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1221	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1232	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1242	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1248	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1254	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1260	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1262	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
ARO 1268	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
Total PCB	Not detected	ug/Kg	330	SW846 8082	BY	09/09/2008
PCB solid extraction	Extracted			3510/3550	MB	09/08/2008
Semi-Volatile Analysis						
Acenaphthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Acenaphthylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Aniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04944**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 13-15**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Azobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Benzo(a)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(a)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(b)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(g,h,i)perylene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzo(k)fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Benzoic acid	Not detected	ug/Kg	3300	SW846 8270C	RG	09/05/2008
Benzyl alcohol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethoxy)methane	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-chloroethyl)ether	Not detected	ug/Kg	100	SW846 8270C	RG	09/05/2008
Bis(2-chloroisopropyl)ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Bis(2-ethylhexyl)phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Bromophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Butyl benzyl phthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Carbazole	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chloro-3-methylphenol	Not detected	ug/Kg	280	SW846 8270C	RG	09/05/2008
4-Chloroaniline	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chloronaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Chlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Chlorophenyl phenyl ether	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Chrysene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzo(a,h)anthracene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dibenzofuran	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Diethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4-Dimethylphenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Dimethylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-butylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4,6-Dinitro-2-methylphenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
2,4-Dinitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04944**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 13-15**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,6-Dinitrotoluene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Di-n-octylphthalate	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
1,2-Diphenylhydrazine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluoranthene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Fluorene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobenzene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorobutadiene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Hexachlorocyclopentadiene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
Hexachloroethane	Not detected	ug/Kg	300	SW846 8270C	RG	09/05/2008
Indeno(1,2,3-cd)pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Isophorone	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Methylphenol (o-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
3&4Methylphenol(m&p-Cresol)	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Naphthalene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
3-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
4-Nitroaniline	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
Nitrobenzene	Not detected	ug/Kg	200	SW846 8270C	RG	09/05/2008
2-Nitrophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
4-Nitrophenol	Not detected	ug/Kg	830	SW846 8270C	RG	09/05/2008
N-Nitrosodimethylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodi-n-propylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
N-Nitrosodiphenylamine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pentachlorophenol	Not detected	ug/Kg	800	SW846 8270C	RG	09/05/2008
Phenanthrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Phenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyrene	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
Pyridine	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,5-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008
2,4,6-Trichlorophenol	Not detected	ug/Kg	330	SW846 8270C	RG	09/05/2008

Sample Date: 08/29/2008
Submit Date: 08/29/2008
Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
Suite 100
Brighton, MI 48116BA Report Number: **99761B**
BA Sample ID: **BQ04944**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 13-15**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
BNA solid (extraction)	Extracted			3510/3550	MB	09/04/2008
Volatile Analysis(Methanol Preserved)						
Acetone	Not detected	ug/Kg	750	SW846 8260B	CW	09/05/2008
Acrylonitrile	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
Benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromodichloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromoform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Bromomethane(Methyl bromide)	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
2-Butanone (MEK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Carbon disulfide	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Carbon tetrachloride	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloroethane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Chloroform	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Chloromethane(Methyl chloride)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
cis-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
cis-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Cyclohexane	Not detected	ug/Kg	500	SW846 8260B	CW	09/05/2008
1,2-Dibromo-3-Chloropropane	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Dibromochloromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dibromoethane(Ethylene dibromide)	Not detected	ug/Kg	20	SW846 8260B	CW	09/05/2008
Dibromomethane(Methylene bromide)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,4-Dichlorobenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Dichlorodifluoromethane	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
1,1-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2-Dichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008

Sample Date: 08/29/2008
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Report Date: 09/11/2008To: Applied Science & Technology
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BA Sample ID: **BQ04944**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 13-15**

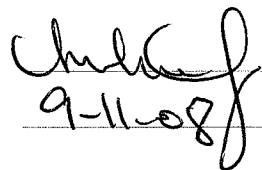
Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,2-Dichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Diethyl ether	Not detected	ug/Kg	200	SW846 8260B	CW	09/05/2008
Diisopropyl Ether(DIPE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Ethyl benzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Ethyltertiary butylether(ETBE)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Isopropylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl iodide(Iodomethane)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Methyl(tert)butyl ether(MTBE)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
4-Methyl-2-pentanone(MIBK)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Methylene chloride	Not detected	ug/Kg	100	SW846 8260B	CW	09/05/2008
2-Methylnaphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Naphthalene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
n-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
n-Propylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
sec-Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Styrene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
tertiary Amylmethylether(TAME)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Tertiary Butyl Alcohol(TBA)	Not detected	ug/Kg	2500	SW846 8260B	CW	09/05/2008
tertiary Butylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,1,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,1,2,2-Tetrachloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrachloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Tetrahydrofuran(THF)	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
Toluene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,2-Dichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,3-Dichloropropene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
trans-1,4-Dichloro-2-butene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,2,4-Trichlorobenzene	Not detected	ug/Kg	250	SW846 8260B	CW	09/05/2008
1,1,1-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008

Sample Date: 08/29/2008
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Report Date: 09/11/2008To: Applied Science & Technology
10448 Citation Drive
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BA Sample ID: **BQ04944**Project Name: **Centerpoint**
Project Number: **6859**
Sample ID: **SS-11 13-15**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichloroethene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Trichlorofluoromethane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trichloropropane	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,3-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,2,4-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
1,3,5-Trimethylbenzene	Not detected	ug/Kg	50	SW846 8260B	CW	09/05/2008
Vinyl chloride	Not detected	ug/Kg	40	SW846 8260B	CW	09/05/2008
Xylenes	Not detected	ug/Kg	150	SW846 8260B	CW	09/05/2008
EPA Method 5035 Methanol Preserv	Extracted			EPA 5035	AST	08/29/2008
%Solid	87	%		ASTM D-2216	LS	09/03/2008

All soil results based on dry weight.

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDEQ designated target detection limits (TDL).

Released by: 

Date: 9-11-08

ASTI Environmental

Fax 810.225.3800

Voice 800.395.ASTI

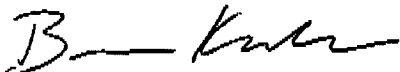
P.O.Box 2160
Brighton, MI 48116-216010448 Citation Dr., Suite 100
Brighton, MI 48116

Date: September 3, 2008
To: _____
Company: Brighton Analytical
Fax: 810-229-8650
From: Brian Kuberski
Number of Pages: 5 (including this page)

Original ☐ will ☒ will not be forwarded.

RE: Please analyze soil samples SS-5 (6-8'), SS-10 (7-8'), and SS-11 (13-15) for VOCs, SVOCs, Michigan 10 Metals, and PCBs for the project named Centerpoint 6859. Also, analyze soil sample SS-8 (0.5-2') for VOCs, PNAs, and Michigan 10 Metals

If you have any questions, please contact me at (810) 225-2800.
Thank you,



Brian Kuberski

If all pages are not received, or if copies are illegible,
please contact **Cathy** at the above number.

This facsimile message and the attached documents are privileged and confidential information intended only for the use of the individual or entity named above. If the reader has received this message in error, please notify us immediately and return the original message to us via mail. Thank you.

ASTI Provides Environmental Services in:

- Soils and Groundwater Remediation
- Wetlands Management/Permits
- Industrial Compliance Programs
- ISO 14001 Assistance
- Site Assessments
- Environmental Impact Studies
- Emissions Inventory
- Training

BA PROJECT #: 49761		DATE: 10/10/01		PAGE: 1 OF 1	
COMPANY NAME: ASTI Environmental		PROJECT NAME: Caterpillar		PHONE: 214-235-2800 FAX:	
P.O. NUMBER: 6859		PROJECT NUMBER: 6859		Sample received within holding time? yes ☐ no ☐	
FOR DISSOLVED METALS (C) LAB TO FILTER (S) FIELD FILTERED		FOR DISSOLVED METALS (C) LAB TO FILTER (S) FIELD FILTERED		For TCLP ONLY - Federal Limits ☐ Other ☐	
VOA'S (PREP)		VOA'S (PREP)		Samples intact yes ☐ no ☐ (If no, see below)	
HDPE UNPRESSED		HDPE UNPRESSED		Note samples if not intact	
HDPE HNO3		HDPE HNO3		Headspace/bubbles in VOA'S? yes ☐ no ☐ w/a ☐	
HDPE H2SO4		HDPE H2SO4		Sample containers and OOC match? yes ☐ no ☐	
AMBER		AMBER		Comments: E-mail	
GLASS, NO PRESERVATIVE		GLASS, NO PRESERVATIVE			
GLASS H2SO4		GLASS H2SO4			
MEOH Preserved		MEOH Preserved			
Time		Date			
Sample Description		Time		Date	
1) 4915		12:00		10/10/01	
2) 20		4:16		10/10/01	
3) 21		6:08		10/10/01	
4) 22		6:04		10/10/01	
5) 23/24		11:53		10/10/01	
6) 25		12:02		10/10/01	
7) 26		10:32		10/10/01	
8) 27		10:36		10/10/01	
9) 28		9:59		10/10/01	
10) 29		9:51		10/10/01	
11) 30		9:23		10/10/01	
Temperature of Samples °C:		Temperature of Samples °C:		4	

[illegible]

