

PRELIMINARY SITE ASSESSMENT

FOR

**PARCEL #01
SALISBURY PARTNERS, LLC
FORMER NATIONAL STARCH
2271 ANDREW JACKSON HIGHWAY
MALMO, BRUNSWICK COUNTY, NORTH CAROLINA**

**STATE PROJECT: R-2633AB/B
WBS ELEMENT: 34491.1.2
DESCRIPTION: US 17 (WILMINGTON BYPASS)
FROM US 17 TO SOUTH OF US 74-76**

PREPARED FOR:

**NCDOT GEOTECHNICAL ENGINEERING UNIT-GEOENVIRONMENTAL SECTION
1589 MSC
RALEIGH, NORTH CAROLINA 27699-1589**

SEPTEMBER 15, 2009

PREPARED BY:

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CATLIN PROJECT NO. 209-051

CORPORATE GEOLOGY LICENSE NO. C-118

CORPORATE LICENSURE NO. FOR ENGINEERING SERVICES C-0585

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September 15, 2009

1.0 INTRODUCTION

1.1 PURPOSE OF INVESTIGATION AND DESCRIPTION

CATLIN Engineers and Scientists (CATLIN) were retained by the North Carolina Department of Transportation (NCDOT) Geotechnical Engineering Unit to provide a field investigation concluding with a Preliminary Site Assessment (PSA) for the above referenced property. In response to a Request for Technical and Cost Proposal (RFP) dated July 2, 2009, CATLIN submitted a proposal for conducting an investigation at the above referenced parcel in Malmo, North Carolina. Figure 1 illustrates the general location and the project vicinity is illustrated on Figure 2.

According to the RFP:

Acquisition of the right-of-way (ROW) is necessary for the proposed Wilmington Bypass. A PSA is to be performed only within the proposed right-of-way and/or easement unless an uneconomic remnant will be left after acquisition.

The work scope as requested includes:

- Determine if contaminated soils are present.
- If contamination is evident, estimate the quantity of impacted soils and indicate the approximate area of soil contamination on a site map.

- Prepare and submit a report including field activities, findings, and recommendations in triplicate and electronically to the NCDOT GeoEnvironmental Section.

In addition to the RFP, NCDOT provided plan sheets with proposed drainage features associated with the roadway construction. According to the RFP, proposed roadway and drainage features intersect a 20 acre groundwater pump and treat system's effluent spray field. The NCDOT subsequently requested borings be advanced for soil sample collection along the proposed drainage features. It was agreed that soil samples would be submitted for chlorinated and non-chlorinated organic compound laboratory analysis per Environmental Protection Agency (EPA) Methods 8260 and 8270. CATLIN coordinated and conducted site reconnaissance beginning on July 29, 2009. This report documents our activities and findings.

1.2 BACKGROUND INFORMATION

The subject site is known as the former National Starch Company and is identified by the North Carolina Department of Environment and Natural Resources (NCDENR) as US EPA ID: NCD 091 572 073. According to information provided by NCDOT and previous historical research, the property is known to be contaminated with chlorinated and non-chlorinated organic compounds.

2.0 METHODS

Proposed borings were indicated on the NCDOT provided plan sheets and sent to NCDOT before finalizing the scope of work and cost estimate. The proposed borings (and soil samples) were located along the proposed drainage features (as indicated on NCDOT provided plan sheets). Soil samples were proposed at each boring from near the proposed drainage feature depth.

2.1 FIELD METHODS

All field work was conducted in general accordance with state and federal guidelines and industry standards. CATLIN personnel performed site reconnaissance and marked proposed boring locations. As previously mentioned, proposed borings were located along the proposed drainage features as indicated on NCDOT provided plan sheets.

Underground utility locating was coordinated by CATLIN personnel. The North Carolina One Call Center (NC-1-Call) was contacted for underground utility location and locating personnel were met on site by CATLIN personnel. The areas around the proposed boring locations were checked and found to be clear of any underground utilities.

A total of 27 soil boring/sample locations (DPT-01 through DPT-12 and DPT/HA-13 through DPT/HA-27) were established across the site within the proposed right-of-way and/or easement.

Soil boring coordinates were collected utilizing a Trimble® Global Positioning System (GPS) unit. A North Carolina certified well contractor advanced and properly abandoned all borings. CATLIN personnel gathered subsurface soil data at the site by Direct Push Technology (DPT) and hand auger boring advancement using an AMS PowerProbe™ 9600D (PowerProbe) and stainless steel hand auger tooling respectively.

The 12 PowerProbe borings (DPT-01 through DPT-12) were advanced to depth by static force and a 90-pound hydraulic percussion hammer. Two and one-quarter inch diameter by four-foot length steel is used as casing. Soil samples were continuously collected in four-foot long and one and one-half inch diameter clear liners. Liners are removed from the casing and then cut in half longitudinally to allow for visual/manual classification utilizing the Unified Soil Classification System (USCS).

The 15 hand auger borings (DPT/HA-13 through DPT/HA 27) were advanced to depth by hand and soil samples were continuously visually/manually classified utilizing the USCS. All soil boring information was recorded on a field log and is summarized on the boring logs provided in Appendix A.

Depth to water (DTW) was not established at the site. No wells were installed and no groundwater samples were collected during this investigation.

Soil samples were collected for laboratory analysis at the approximate drainage feature depth. New disposable nitrile gloves were worn during sampling activities. All samples were placed into laboratory provided glassware and packed on ice in an insulated cooler for transportation to the laboratory. Sample integrity was maintained by following proper Chain of Custody procedures. A copy of the Chain of Custody is provided following the analytical report in Appendix B.

PowerProbe boreholes were abandoned to the surface using three-eighth inch bentonite chips. Bentonite and water were poured into the borehole simultaneously to facilitate hydration. Hand auger boreholes were abandoned to the surface using native soils. Final borehole and sample locations were surveyed utilizing a Trimble® GPS survey instrument. Borehole locations and site features are illustrated on Figure 3.

2.2 LABORATORY TESTING

Following boring advancement, soils were collected and placed in the appropriately labeled glassware. In an attempt to provide information regarding impact to soils, soil samples were analyzed for chlorinated and non-chlorinated organic compounds per EPA Methods 8260 and 8270.

A total of 27 soil samples were submitted to SGS North America, Inc., (NC Certification # 481). Chain of Custody documentation is included in Appendix B.

3.0 RESULTS

In the event a cut is required for roadway construction, drainage, or utility installation, any soil samples revealing detectable concentrations may be considered impacted for handling and disposal purposes.

Sandy soils with varying grain sizes and colors were encountered across the project location. Complete boring logs are provided in Appendix A.

Summarized soil sample analytical results as compared to the Maximum Soil Contaminant Concentrations (MSCCs) are provided on Table 1. Sample locations and summarized results are illustrated on Figure 3. The complete analytical report is provided in Appendix B.

No EPA Method 8260 or 8270 compound concentrations were detected above the laboratory quantitation limits. However, all the soil samples revealed minor estimated "J-value" (J) concentrations of a few compounds but at levels well below the lowest corresponding MSCC. Also, the DPT/HA-27 (1') soil sample revealed 0.183 J milligrams per kilogram (mg/kg) of Di-n-octylphthalate for which there are no established MSCCs.

4.0 SUMMARY AND DISCUSSION

A PSA was conducted at the subject site as requested by NCDOT in conjunction with advanced right-of-way acquisition for the US 17 Wilmington Bypass construction. A total of 27 soil borings were advanced across the site and a soil sample was collected from each boring for laboratory analysis. Sandy soils were encountered during boring advancement to approximately two (2) feet BLS. No EPA Method 8260 or 8270 compound concentrations were detected above the laboratory quantitation limits or corresponding MSCCs.

Based on the laboratory analytical results, the soils within the proposed drainage construction area (presumed cut section) do not have to be managed as impacted waste if disturbed during roadway, drainage, and/or utility

as impacted waste if disturbed during roadway, drainage, and/or utility construction. Any soils disturbed beneath two (2) feet deep (including those soils below the water table) may require laboratory analysis to determine proper handling and potential disposal.

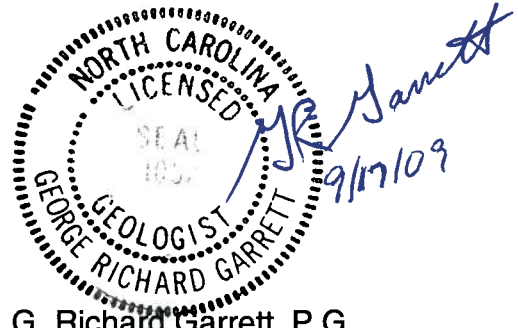
5.0 LIMITATIONS

This report is based on the agreed work scope and a review of available data from limited sampling. It is possible that this investigation may have failed to reveal the presence of contamination in the project area where such contamination may exist. Although CATLIN has used accepted methods appropriate for soil sampling, CATLIN cannot guarantee that additional soil and/or groundwater contamination does not exist.

6.0 SIGNATURES



Benjamin J. Ashba
Project Manager



G. Richard Garrett, P.G.
Contract Manager

TABLES

**TABLE 1
SUMMARY OF SOIL LABORATORY RESULTS
EPA METHODS 8260 AND 8270**

Parcel # 01 - Salisbury Partners, LLC
Former National Starch
2271 Andrew Jackson Hwy
Malmo, North Carolina

Sample ID	Method and Contaminant of Concern →		EPA Method 8260			EPA Method 8270		
	Date Collected	Sample Depth (ft. BLS)	Acetone	Methylene chloride	All other EPA Method 8260 Compounds	Benzo[a]pyrene	Di-n-octylphthalate	All other EPA Method 8270 Compounds
Residential MSCC			1,564	85	Varies	0.088	NE	Varies
Industrial/Commercial MSCC			40,880	763	Varies	0.78	NE	Varies
Soil To Groundwater MSCC			2.8	0.02	Varies	0.091	NE	Varies
DPT-01 (2')	7/30/2009	2	<0.00651	0.00839 J	BMDL	<0.051	<0.055	BMDL
DPT-02 (2')	7/30/2009	2	<0.00669	0.00509 J	BMDL	<0.053	<0.057	BMDL
DPT-03 (1-2')	7/30/2009	1 - 2	<0.00740	0.00274 J	BMDL	<0.047	<0.050	BMDL
DPT-04 (1-2')	7/30/2009	1 - 2	<0.00644	0.00342 J	BMDL	<0.047	<0.050	BMDL
DPT-05 (1-2')	7/30/2009	1 - 2	<0.00589	0.00364 J	BMDL	<0.050	<0.053	BMDL
DPT-06 (1-2')	7/30/2009	1 - 2	<0.00662	0.00545 J	BMDL	<0.049	<0.053	BMDL
DPT-07 (1-2')	7/30/2009	1 - 2	<0.0101	0.00526 J	BMDL	<0.045	<0.048	BMDL
DPT-08 (1-2')	7/30/2009	1 - 2	0.00732 J	0.00151 J	BMDL	<0.042	<0.045	BMDL
DPT-09 (1-2')	7/30/2009	1 - 2	<0.00690	0.00525 J	BMDL	<0.048	<0.051	BMDL
DPT-10 (1-2')	7/30/2009	1 - 2	<0.00657	0.00590 J	BMDL	<0.042	<0.045	BMDL
DPT-11 (1-2')	7/30/2009	1 - 2	<0.00778	0.00556 J	BMDL	<0.047	<0.051	BMDL
DPT-12 (1-2')	7/30/2009	1 - 2	<0.00853	0.0134 J	BMDL	<0.052	<0.056	BMDL
DPT/HA-13 (1')	7/30/2009	1	<0.00655	0.00541 J	BMDL	<0.054	<0.057	BMDL
DPT/HA-14 (1')	7/30/2009	1	<0.00626	0.0129 J	BMDL	<0.049	<0.052	BMDL
DPT/HA-15 (1')	7/30/2009	1	<0.00610	0.00411 J	BMDL	<0.045	<0.048	BMDL
DPT/HA-16 (1')	7/30/2009	1	<0.00712	0.00920 J	BMDL	<0.051	<0.054	BMDL
DPT/HA-17 (1')	7/30/2009	1	0.00939 J	0.00653 J	BMDL	<0.049	<0.052	BMDL
DPT/HA-18 (1')	7/30/2009	1	0.0179 J	0.00327 J	BMDL	0.062 J	<0.064	BMDL
DPT/HA-19 (1')	7/30/2009	1	<0.00699	0.00347 J	BMDL	<0.056	<0.060	BMDL
DPT/HA-20 (1')	7/30/2009	1	0.0178 J	0.00606 J	BMDL	<0.046	<0.049	BMDL
DPT/HA-21 (1')	7/30/2009	1	0.0187 J	0.00558 J	BMDL	<0.055	<0.059	BMDL
DPT/HA-22 (1')	7/30/2009	1	0.0117 J	0.0138 J	BMDL	<0.052	<0.055	BMDL
DPT/HA-23 (2')	7/30/2009	2	<0.00674	0.00554 J	BMDL	<0.051	<0.054	BMDL
DPT/HA-24 (2')	7/30/2009	2	0.00961 J	0.00553 J	BMDL	<0.052	<0.056	BMDL
DPT/HA-25 (2')	7/30/2009	2	<0.00719	0.00953 J	BMDL	<0.053	<0.057	BMDL
DPT/HA-26 (2')	7/30/2009	2	0.0737 J	0.00262 J	BMDL	<0.070	<0.075	BMDL
DPT/HA-27 (1')	7/30/2009	1	0.0232 J	<0.00192	BMDL	<0.049	0.183 J	BMDL

All results and MSCCs in milligrams per kilogram (mg/kg).

BMDL = Below Method Detection Limit

NE = None Established

ft. BLS = Feet Below Land Surface

< = Less than method detection limit

MSCC = Maximum Soil Contaminant Concentration

J = Estimated concentration, below calibration range and above method detection limit

FIGURES

DESCRIPTION:
US 17 (WILMINGTON BYPASS)
FROM US 17 to
SOUTH of US 74-76



WBS ELEM: 34491.1.2 FIGURE No: 01
ST PROJ: R-2633AB/B TOTAL FIGURES: 03
FA No: N/A
COUNTY: BRUNSWICK

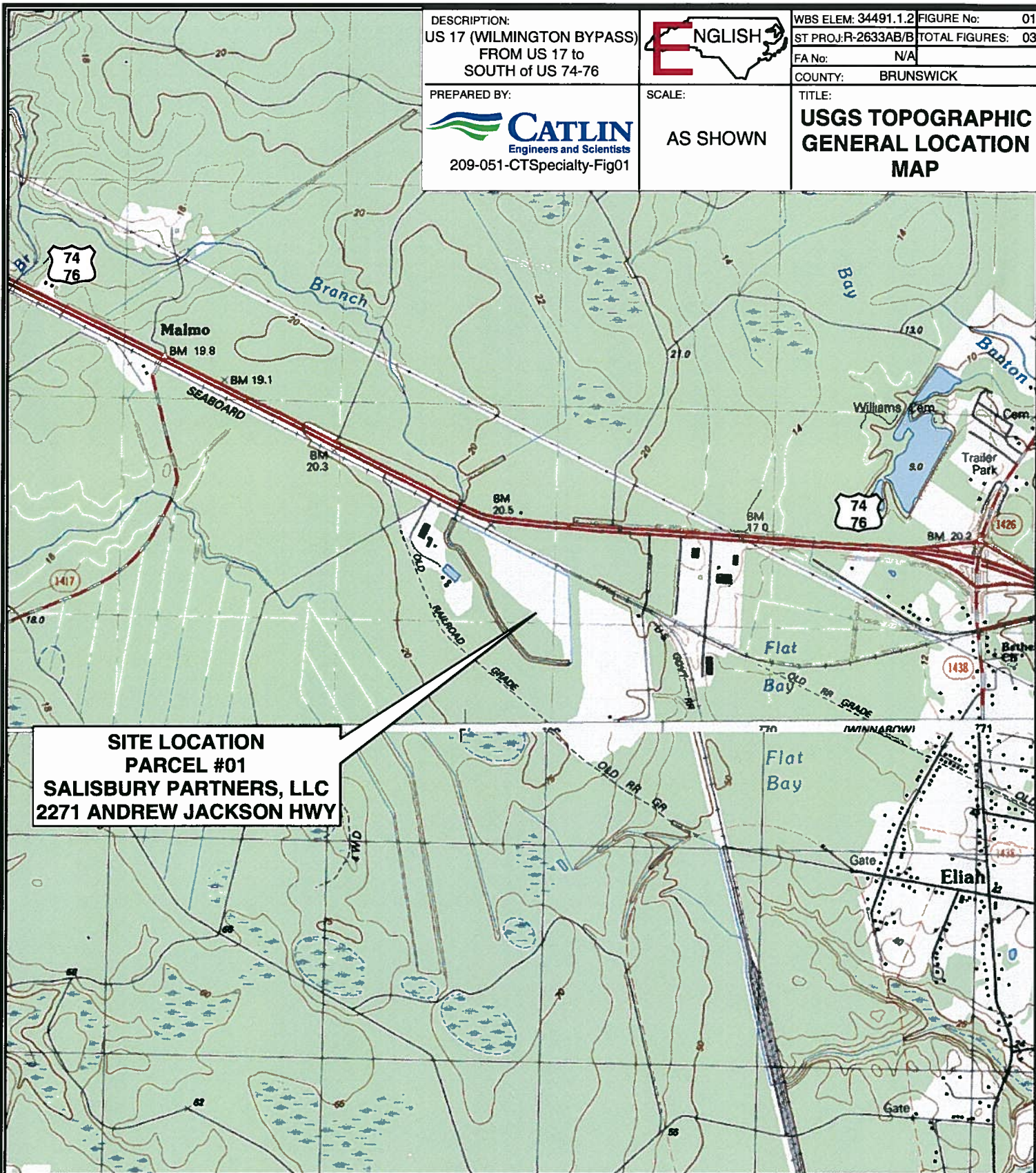
PREPARED BY:

Engineers and Scientists
209-051-CTSspecialty-Fig01

SCALE:

AS SHOWN

TITLE:
**USGS TOPOGRAPHIC
GENERAL LOCATION
MAP**

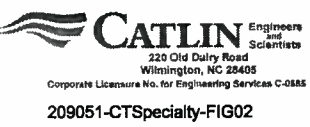


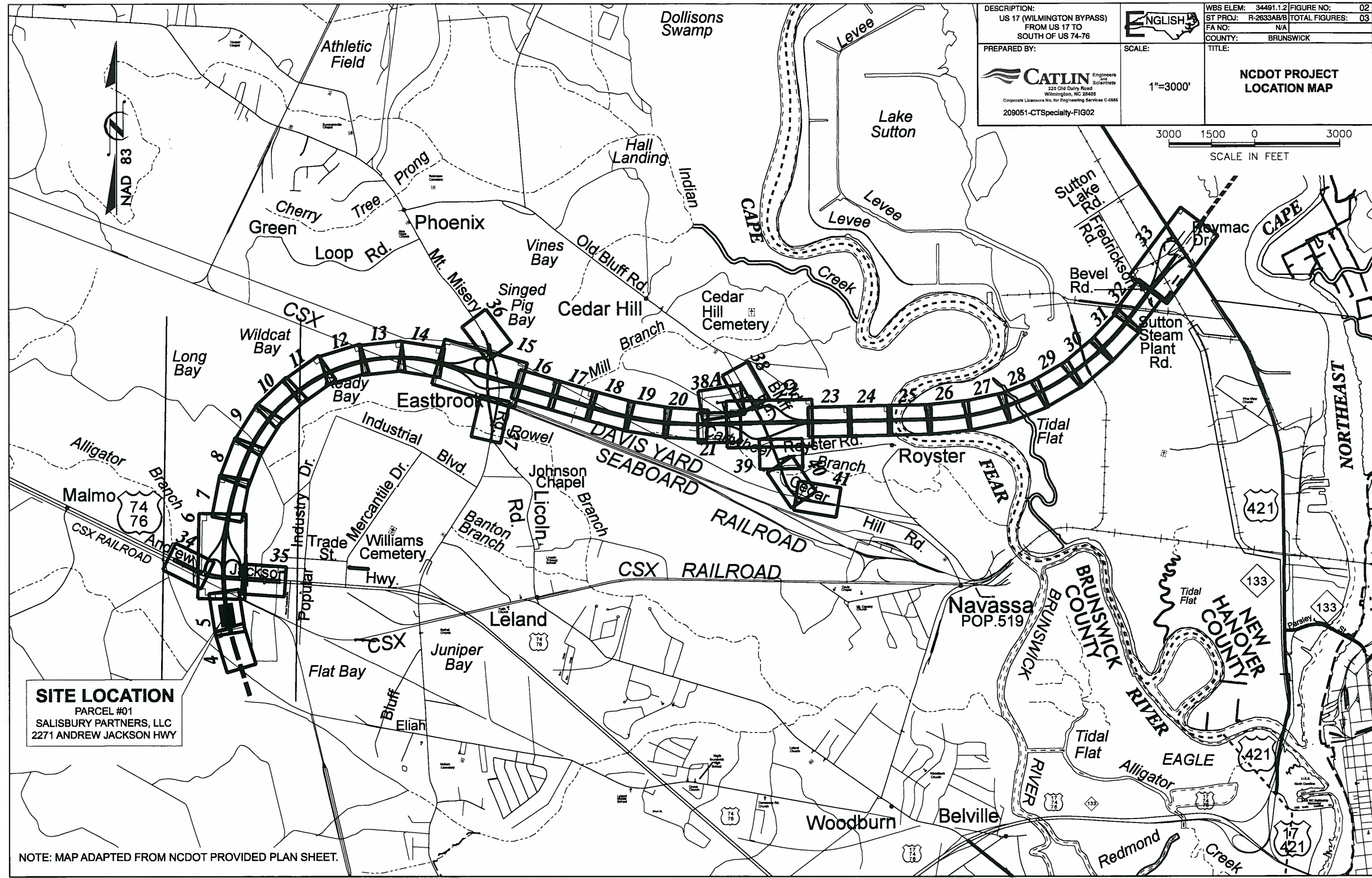
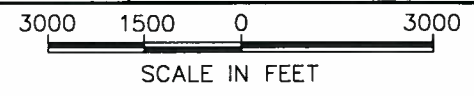
Source: Topozone.com download USGS Topographic Quadrangle, Winnabow, NC (1990), and Leland, NC (1984)



SCALE



DESCRIPTION: US 17 (WILMINGTON BYPASS) FROM US 17 TO SOUTH OF US 74-76	ENGLISH	WBS ELEM: 34491.1.2 FIGURE NO: 02 ST PROJ: R-2633AB/B TOTAL FIGURES: 03 FA NO: N/A COUNTY: BRUNSWICK
PREPARED BY:  CATLIN Engineers Scientists 220 Old Dairy Road Wilmington, NC 28405 Corporate License No. for Engineering Services C-0885 209051-CTSspecialty-FIG02	SCALE: 1"=3000'	TITLE: NCDOT PROJECT LOCATION MAP



SITE LOCATION
PARCEL #01
SALISBURY PARTNERS, LLC
2271 ANDREW JACKSON HWY

NOTE: MAP ADAPTED FROM NCDOT PROVIDED PLAN SHEET.

Sample ID	Date Collected	Sample Depth (ft. BLS)	EPA Method 8260			EPA Method 8270		
			Acetone	Methylene chloride	All other EPA Method 8260 Compounds	Benzolapylene	Di-n-octylphthalate	All other EPA Method 8270 Compounds
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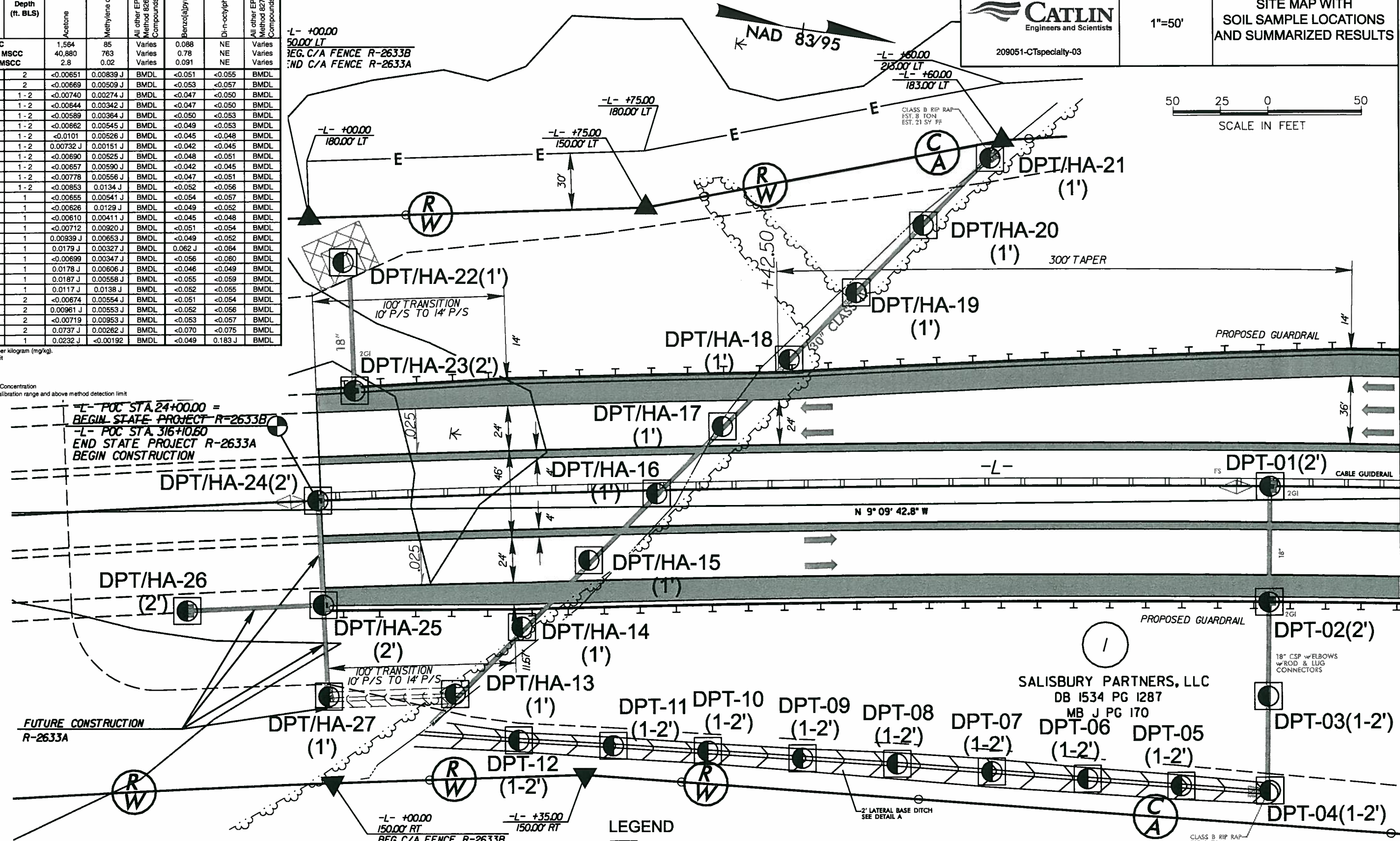
ENGLISH

WBS ELEM: 34491.1.2 FIGURE NO: 03
 ST PROJ: R-2633AB/B TOTAL FIGURES: 03
 FA NO: N/A
 COUNTY: BRUNSWICK
 TITLE: SITE MAP WITH SOIL SAMPLE LOCATIONS AND SUMMARIZED RESULTS

PREPARED BY:
CATLIN
 Engineers and Scientists
 209051-Cspecialty-03

SCALE:
 1"=50'

SCALE IN FEET
 50 25 0 50



NOTES:
 1) MAP ADAPTED FROM NCDOT PROVIDED SHEETS.
 2) "DPT" LABELED BORINGS WERE ADVANCED & SOIL SAMPLES COLLECTED UTILIZING POWER PROBE EQUIPMENT.
 3) "DPT/HA" LABELED BORINGS WERE ADVANCED & SOIL SAMPLES COLLECTED UTILIZING A HAND-AUGER.

LEGEND

● SOIL BORING/SAMPLE

(#) SAMPLE DEPTH IN FEET BELOW LAND SURFACE

SALISBURY PARTNERS, LLC
 DB I534 PG I287
 MB J PG I70

18" CSP w/ELBOWS
 w/ROD & LUG
 CONNECTORS

CLASS B RIP RAP
 EST. 2 TON
 EST. 7 SY' FF

APPENDIX A
BORING LOGS

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT-01
NORTHING:	185,323.11	EASTING:	2,278,102.88	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A		BORING DEPTH:
				24 HOUR DTW:	N/A		2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:
							--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm)				LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
0.0									0.0	LAND SURFACE	
						DPT-01 (2')	SP			Light brown, f. to vf. SAND. Grass at surface.	
2.0									2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG - 209-051 NCDOT PARCEL 01.GEL.CATLIN.GDT 9/4/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT-02
NORTHING:	185,331.63	EASTING:	2,278,163.58	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION:	Parcel # 01, Salisbury Partners, LLC			LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A		BORING DEPTH:
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:
							--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm)				LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
0.0									0.0	LAND SURFACE	
						DPT-02 (2')	SP			Light gray SAND. Grades to dark brown with depth.	
2.0									2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO LOG 209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT-03
NORTHING:	185,338.59	EASTING:	2,278,213.09	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A	BORING DEPTH:	2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A	ROCK DEPTH:	--

DEPTH	BLOW COUNT	MOI.	OVA RESULTS (ppm)				LAB.	USCS	LOG	SOIL AND ROCK	
			0	1000	2000	3000				4000	DEPTH
	0.5 0.5 0.5 0.5								0.0	LAND SURFACE	
1.0							SP			Light gray, f. to vf. SAND. Grass at surface.	
2.0						DPT-03 (1-2')			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG - 209.051 NCDOT PARCEL 01.GPJ.CATLIN.GDT 9/1/08

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo	
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:	
				DRILLER:	William J. Miller		DPT-04	
NORTHING:	185,346.76	EASTING:	2,278,262.42	CREW:	N/A			
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION:	Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A		BORING DEPTH:	2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:	--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm)					LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000	4000				DEPTH	ELEVATION
										0.0	LAND SURFACE	
1.0								SP			Light gray f. to vf. SAND. Dark brown in color below 1' BLS. Grass at surface.	
2.0							DPT-04 (1-2)			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG_209-051_NCDOT PARCEL 01.GPJ_CATLIN.GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo	
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:	
				DRILLER:	William J. Miller		DPT-05	
NORTHING:	185,300.25	EASTING:	2,278,266.82		CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION:	Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A		BORING DEPTH:	2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:	--

DEPTH	BLOW COUNT	MOI.	OVA RESULTS (ppm)				LAB.	USCS	LOG	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
	0.5 0.5 0.5 0.5								0.0	LAND SURFACE	
1.0							SP			Light gray f. to vf. SAND. Dark brown in color below 1' BLS. Grass at surface.	
2.0						DPT-05 (1-2')			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG - 209-051 NCDOT PARCEL 01 GEL CATLIN GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo	
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:	
				DRILLER:	William J. Miller		DPT-06	
NORTHING:	185,250.88	EASTING:	2,278,270.44	CREW:	N/A			
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION:	Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A	BORING DEPTH:	2.0	
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A	ROCK DEPTH:	--	

DEPTH	BLOW COUNT	MOI.	OVA RESULTS (ppm)	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
	0.5 0.5 0.5 0.5		0 1000 2000 3000 4000				0.0	LAND SURFACE
1.0					SP			Light gray, f. to vf. SAND. Mottled browns below 1' BLS. Grass at surface.
2.0				DPT-06 (1-2)			2.0	Boring Terminated at Depth 2.0 ft

CATLIN ENVIRO. LOG - 209-051 NCDOT PARCEL 01 GEL - CATLIN GDT - 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo	
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:	
				DRILLER:	William J. Miller		DPT-07	
NORTHING:	185,200.61	EASTING:	2,278,274.23	CREW:	N/A			
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION:	Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push	0 HOUR DTW:	N/A		BORING DEPTH:	2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:	--

DEPTH	BLOW COUNT	MOI.	OVA RESULTS (ppm)				LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
	0.5 0.5 0.5 0.5									0.0	LAND SURFACE
1.0							SP				F. to vf. SAND. Light gray near surface, becoming brown with depth. Grass at surface.
2.0						DPT-07 (1-2')				2.0	Boring Terminated at Depth 2.0 ft

CATLIN ENVIRO. LOG - 209.051.NC.DOT.PARCEL.01.GPJ.CATLIN.GDT 9/7/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID: DPT-08
				DRILLER:	William J. Miller		
NORTHING:	185,150.74	EASTING:	2,278,277.60		CREW:	N/A	
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Power Probe	METHOD:	Direct Push		0 HOUR DTW:	N/A	
START DATE:	7/30/09	FINISH DATE:	7/30/09		24 HOUR DTW:	N/A	
					ROCK DEPTH:	--	

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
							0.0	LAND SURFACE
1.0					SP			F. to vf. SAND. Light gray near surface, becoming brown with depth. Grass at surface.
2.0				DPT-08 (1-2)			2.0	Boring Terminated at Depth 2.0 ft

CATLIN ENVIRO. LOG 209-051.NC.DOT.PARCEL.01.GPI.CATLIN.GDT.9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmö
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT-09
		DRILLER: William J. Miller	
NORTHING: 185,101.05	EASTING: 2,278,282.09	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)		BORING LOCATION: Parcel # 01, Salisbury Partners, LLC	LAND ELEV.: NM
DRILL MACHINE: Power Probe	METHOD: Direct Push	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT	MOI.	OVA RESULTS (ppm)				LAB.	USCS	LOG	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
	0.5 0.5 0.5 0.5		0						0.0	LAND SURFACE	
1.0							SP			Light gray to light brown, f. to vf. SAND. Grass at surface.	
2.0						DPT-09 (1-2)			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG_209.051.NC.DOT.PARCEL.01.GPJ.CATLIN.GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT-10
		DRILLER: William J. Miller	
NORTHING: 185,051.23	EASTING: 2,278,285.80	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Power Probe	METHOD: Direct Push	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	DEPTH	SOIL AND ROCK DESCRIPTION	ELEVATION
							0.0	LAND SURFACE	
1.0					SP			F. to vf. SAND. Light gray near surface, grading to varying browns with depth. Grass at surface.	
2.0				DPT-10 (1-2')			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO_LOG_209-051_NCDOT_PARCEL_01.GPJ_CATLIN.GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmö
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT-11
		DRILLER: William J. Miller	
NORTHING: 185,001.56	EASTING: 2,278,290.47	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Power Probe	METHOD: Direct Push	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	DEPTH	SOIL AND ROCK DESCRIPTION	ELEVATION
							0.0	LAND SURFACE	
1.0					SP			Light gray, f. to vf. SAND. Becomes light brown with depth. Grass at surface.	
2.0				DPT-11 (1-2)			2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG 209.051.NC.DOT.PARCEL.01.GPJ.CATLIN.GDT.9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmö
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT-12
		DRILLER: William J. Miller	
NORTHING: 184,951.89	EASTING: 2,278,295.13	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Power Probe	METHOD: Direct Push	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
							0.0	LAND SURFACE
1.0					SP			Light gray, f. to vf. SAND. Becomes dark brown with depth. Grass at surface.
2.0					DPT-12 (1-2')		2.0	Boring Terminated at Depth 2.0 ft

CATLIN ENVIRO. LOG_209-051.MCDOT.PARCEL 01.GPJ.CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT/HA-13
NORTHING:	184,915.11	EASTING:	2,278,275.89	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Hand Auger	METHOD:	Hand Auger	0 HOUR DTW:	N/A	BORING DEPTH:	1.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A	ROCK DEPTH:	--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm)				LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
			0	1000	2000	3000				4000	DEPTH
0.0									0.0	LAND SURFACE	
1.0						DPT/HA-13 (1)	SP		1.0	Bark grayish brown, f. to vf. SAND. Boring Terminated at Depth 1.0 ft	

CATLIN ENVIRO. LOG_209-051 INCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-14
		DRILLER: William J. Miller	
NORTHING: 184,944.68	EASTING: 2,278,235.49	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
1.0				DPT/HA-14 (1')	SP		1.0	White to dark brown, f. to vf. SAND. Organics.
								Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG - 209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-15
		DRILLER: William J. Miller	
NORTHING: 184,974.25	EASTING: 2,278,195.09	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK		
							DEPTH	DESCRIPTION	ELEVATION
0.0							0.0	LAND SURFACE	
				DPT/ HA-15 (1')	SP			White to dark brown, f. to vf. SAND. Organics.	
1.0							1.0	Boring Terminated at Depth 1.0 ft	

CATLIN ENVIRO. LOG_209-051-NC DOT PARCEL 01.GPJ_CATLIN.GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-16
		DRILLER: William J. Miller	
NORTHING: 185,004.43	EASTING: 2,278,154.74	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
1.0				DPT/HA-16 (1')	SP		1.0	Dark brown, f. to vf. SAND. Organics.
								Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG 209.051.NC.DOT.PARCEL 01.GPJ.CATLIN.GDT.9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT/HA-17
NORTHING:	185,003.38	EASTING:	2,278,114.29	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Hand Auger	METHOD:	Hand Auger	0 HOUR DTW:	N/A		BORING DEPTH:
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:
							--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK		
							DEPTH	DESCRIPTION	ELEVATION
0.0							0.0	LAND SURFACE	
				DPT/ HA-17 (1')	SP			Dark brown, f. to vf. SAND. Organics.	
1.0							1.0	Boring Terminated at Depth 1.0 ft	

CATLIN ENVIRO. LOG 209-051 NCDOT PARCEL 01.GPJ CATLIN GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-18
		DRILLER: William J. Miller	
NORTHING: 185,062.95	EASTING: 2,278,073.89	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
				DPT/ HA-18 (1')	SP			Dark brown, f. to vf. SAND. Organics.
1.0							1.0	Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG 209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-19
		DRILLER: William J. Miller	
NORTHING: 185,092.52	EASTING: 2,278,033.49	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
				DPT/HA-19 (1')	SP			Dark brown, f. to vf. SAND. Organics.
1.0							1.0	Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG_209-051_NCDOT_PARCEL_01_GPJ_CATLIN_GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-20
		DRILLER: William J. Miller	
NORTHING: 185,122.09	EASTING: 2,277,993.09	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK	
							DEPTH	DESCRIPTION
0.0							0.0	LAND SURFACE
				DPT/ HA-20 (1')	SP			Dark brown, f. to vf. SAND. Organics.
1.0							1.0	Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG_209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-21
NORTHING: 185,151.66		EASTING: 2,277,952.70	CREW: N/A
SYSTEM: NCSP NAD 83 (USft)		BORING LOCATION: Parcel # 01, Salisbury Partners, LLC	LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 1.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
				DPT/ HA-21 (1')	SP			Dark brown, f. to vf. SAND. Organics.
1.0							1.0	Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO. LOG 209-051 NCDOT PARCEL 01 GPL CATLIN GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo		
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:		
				DRILLER:	William J. Miller		DPT/HA-22		
NORTHING:	184,822.79	EASTING:	2,278,058.20	CREW:	N/A				
SYSTEM:	NCSP NAD 83 (USft)		BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM	
DRILL MACHINE:	Hand Auger		METHOD:	Hand Auger		0 HOUR DTW:	N/A	BORING DEPTH:	1.0
START DATE:	7/30/09		FINISH DATE:	7/30/09		24 HOUR DTW:	N/A	ROCK DEPTH:	--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
1.0				DPT/ HA-22 (1')	SP		1.0	Dark brown, f. to vf. SAND. Boring Terminated at Depth 1.0 ft

CATLIN ENVIRO LOG - 209-051 NCDOT PARCEL 01.GPJ.CATLIN.GDT 9/4/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmo
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-23
		DRILLER: William J. Miller	
NORTHING: 184,838.79	EASTING: 2,278,124.50	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK		
							DEPTH	DESCRIPTION	ELEVATION
0.0							0.0	LAND SURFACE	
				DPT/ HA-23 (2')	SP			Dark brown to dark gray, f. to vf. SAND.	
2.0							2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG_209-051.NC.DOT.PARCEL_01.GPJ_CATLIN.GDT_9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT/HA-24
NORTHING:	184,828.36	EASTING:	2,278,185.25	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Hand Auger	METHOD:	Hand Auger	0 HOUR DTW:	N/A		BORING DEPTH: 2.0
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK		
							DEPTH	DESCRIPTION	ELEVATION
0.0							0.0	LAND SURFACE	
				DPT/ HA-24 (2')	SP			Dark brown f. to vf. SAND. Becomes orange-brown with depth.	
2.0							2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG 209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.: 209-051	STATE: NC	COUNTY: Brunswick	LOCATION: Malmö
PROJECT NAME: DOT R-2633AB/B		LOGGED BY: Ben Ashba	BORING ID: DPT/HA-25
		DRILLER: William J. Miller	
NORTHING: 184,839.45	EASTING: 2,278,239.63	CREW: N/A	
SYSTEM: NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC		LAND ELEV.: NM
DRILL MACHINE: Hand Auger	METHOD: Hand Auger	0 HOUR DTW: N/A	BORING DEPTH: 2.0
START DATE: 7/30/09	FINISH DATE: 7/30/09	24 HOUR DTW: N/A	ROCK DEPTH: --

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	DEPTH	SOIL AND ROCK DESCRIPTION	ELEVATION
0.0							0.0	LAND SURFACE	
				DPT/HA-25 (2')	SP			Dark brown to gray, f. to vf. SAND. Light to dark in color with depth. Tr. organics (roots).	
2.0							2.0	Boring Terminated at Depth 2.0 ft	

CATLIN ENVIRO. LOG 209-051.NC DOT PARCEL 01.GPJ_CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:
				DRILLER:	William J. Miller		DPT/HA-26
NORTHING:	184,768.78	EASTING:	2,278,253.52	CREW:	N/A		
SYSTEM:	NCSP NAD 83 (USft)	BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM
DRILL MACHINE:	Hand Auger	METHOD:	Hand Auger	0 HOUR DTW:	N/A		BORING DEPTH:
START DATE:	7/30/09	FINISH DATE:	7/30/09	24 HOUR DTW:	N/A		ROCK DEPTH:
							--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION	
							DEPTH	ELEVATION
0.0							0.0	LAND SURFACE
				DPT/ HA-26 (2')	SP			Dark brownish gray, f. to vf. SAND. Light to dark coloration with depth. Tr. roots.
2.0							2.0	Boring Terminated at Depth 2.0 ft

CATLIN ENVIRO. LOG 209-051 NCDOT PARCEL 01.GPJ CATLIN.GDT 9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

BORING LOG



209-051
Wilmington, NC

SHEET 1 OF 1

PROJECT NO.:	209-051	STATE:	NC	COUNTY:	Brunswick	LOCATION:	Malmo		
PROJECT NAME:	DOT R-2633AB/B			LOGGED BY:	Ben Ashba		BORING ID:		
				DRILLER:	William J. Miller		DPT/HA-27		
NORTHING:	184,849.50	EASTING:	2,278,287.19	CREW:	N/A				
SYSTEM:	NCSP NAD 83 (USft)		BORING LOCATION: Parcel # 01, Salisbury Partners, LLC				LAND ELEV.:	NM	
DRILL MACHINE:	Hand Auger		METHOD:	Hand Auger		0 HOUR DTW:	N/A	BORING DEPTH:	1.0
START DATE:	7/30/09		FINISH DATE:	7/30/09		24 HOUR DTW:	N/A	ROCK DEPTH:	--

DEPTH	BLOW COUNT 0.5 0.5 0.5 0.5	MOI.	OVA RESULTS (ppm) 0 1000 2000 3000 4000	LAB.	U S C S	L O G	SOIL AND ROCK DESCRIPTION		ELEVATION
							DEPTH		
0.0							0.0	LAND SURFACE	
				DPT/ HA-27 (1')	SP			Gray, f. to vf. SAND.	
1.0							1.0	Boring Terminated at Depth 1.0 ft	

CATLIN ENVIRO. LOG 209.051.NC.DOT.PARCEL 01.GPJ.CATLIN.GDT.9/1/09

▽ = 0hr. DTW

▼ = 24hr. DTW

APPENDIX B

LABORATORY REPORT AND CHAIN OF CUSTODY RECORD



Ben Ashba
Richard Catlin & Associates
P.O. Box 10279
Wilmington, NC 28404-0279

Report Number: G128-2427

Client Project: DOT Parcel #01

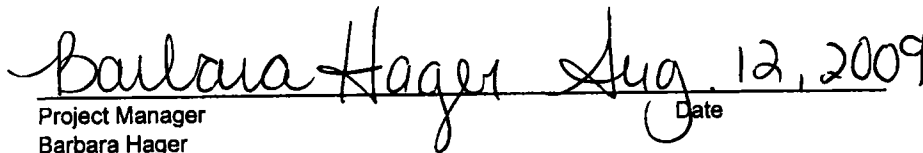
Dear Ben Ashba,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.


Project Manager
Barbara Hager

Date



Case Narrative
Richard Catlin & Associates
SGS Project: **G128-2427**
Project Name: **DOT Parcel #01**

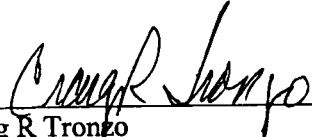
SGS North America; Inc.

August 12th, 2009

- Twenty Seven soil samples were accepted into the laboratory on July 30th, 2009 at 1515 for analyses as indicated on the chain of custody. The samples were received in good condition, with a temperature of 5.6°C.
- All extractions and analyses were completed within holding time limits, with the following quality control exceptions.

8270 Analysis

- The reported recovery for 3,3'-Dichlorobenzidine, associated with batch 14843, was below the method's QC limit, but with 10% of the lower recovery limit. This compound has been 'UJ' flagged in all of the data as this analyte was not detected in any of the submitted samples.

 _____ Date 8/12/09
Craig R Tronzo
Data Review

SGS North America, Inc.
List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are $10\% < \%R < LCL$; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% solids = Percent Solids

Special Notes:

- 1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
- 2) Uncertainty for all reported data is less than or equal to 30 percent.

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-01 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-1A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 10:50
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.03 g
 %Solids: 88.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0471	0.00651	1	8/5/2009	
Benzene	BQL	0.00471	0.00101	1	8/5/2009	
Bromobenzene	BQL	0.00471	0.00097	1	8/5/2009	
Bromochloromethane	BQL	0.00471	0.00162	1	8/5/2009	
Bromodichloromethane	BQL	0.00471	0.00094	1	8/5/2009	
Bromoform	BQL	0.00471	0.00094	1	8/5/2009	
Bromomethane	BQL	0.00471	0.00099	1	8/5/2009	
2-Butanone	BQL	0.0236	0.00512	1	8/5/2009	
n-Butylbenzene	BQL	0.00471	0.00090	1	8/5/2009	
sec-Butylbenzene	BQL	0.00471	0.00095	1	8/5/2009	
tert-Butylbenzene	BQL	0.00471	0.00106	1	8/5/2009	
Carbon disulfide	BQL	0.00471	0.00253	1	8/5/2009	
Carbon tetrachloride	BQL	0.00471	0.00096	1	8/5/2009	
Chlorobenzene	BQL	0.00471	0.00112	1	8/5/2009	
Chloroethane	BQL	0.00471	0.00150	1	8/5/2009	
Chloroform	BQL	0.00471	0.00113	1	8/5/2009	
Chloromethane	BQL	0.00471	0.00107	1	8/5/2009	
2-Chlorotoluene	BQL	0.00471	0.00095	1	8/5/2009	
4-Chlorotoluene	BQL	0.00471	0.00118	1	8/5/2009	
Dibromochloromethane	BQL	0.00471	0.00130	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00471	0.00137	1	8/5/2009	
Dibromomethane	BQL	0.00471	0.00142	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00471	0.00107	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00471	0.00122	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00471	0.00121	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00471	0.00099	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00471	0.00130	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00471	0.00100	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00471	0.00140	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00471	0.00124	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00471	0.00121	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00471	0.00107	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00471	0.00111	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00471	0.00106	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00471	0.00113	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00471	0.00148	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00471	0.00079	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00471	0.00091	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00471	0.00124	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00471	0.00107	1	8/5/2009	
Ethylbenzene	BQL	0.00471	0.00082	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00471	0.00092	1	8/5/2009	
2-Hexanone	BQL	0.00471	0.00305	1	8/5/2009	
Iodomethane	BQL	0.00471	0.00102	1	8/5/2009	

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-02 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-2A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:00
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.13 g
 %Solids: 84.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0484	0.00669	1	8/5/2009	
Benzene	BQL	0.00484	0.00104	1	8/5/2009	
Bromobenzene	BQL	0.00484	0.00100	1	8/5/2009	
Bromochloromethane	BQL	0.00484	0.00167	1	8/5/2009	
Bromodichloromethane	BQL	0.00484	0.00096	1	8/5/2009	
Bromoform	BQL	0.00484	0.00097	1	8/5/2009	
Bromomethane	BQL	0.00484	0.00102	1	8/5/2009	
2-Butanone	BQL	0.0242	0.00526	1	8/5/2009	
n-Butylbenzene	BQL	0.00484	0.00093	1	8/5/2009	
sec-Butylbenzene	BQL	0.00484	0.00098	1	8/5/2009	
tert-Butylbenzene	BQL	0.00484	0.00108	1	8/5/2009	
Carbon disulfide	BQL	0.00484	0.00260	1	8/5/2009	
Carbon tetrachloride	BQL	0.00484	0.00099	1	8/5/2009	
Chlorobenzene	BQL	0.00484	0.00115	1	8/5/2009	
Chloroethane	BQL	0.00484	0.00154	1	8/5/2009	
Chloroform	BQL	0.00484	0.00116	1	8/5/2009	
Chloromethane	BQL	0.00484	0.00109	1	8/5/2009	
2-Chlorotoluene	BQL	0.00484	0.00098	1	8/5/2009	
4-Chlorotoluene	BQL	0.00484	0.00121	1	8/5/2009	
Dibromochloromethane	BQL	0.00484	0.00134	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00484	0.00140	1	8/5/2009	
Dibromomethane	BQL	0.00484	0.00146	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00484	0.00109	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00484	0.00125	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00484	0.00124	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00484	0.00102	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00484	0.00134	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00484	0.00103	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00484	0.00143	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00484	0.00128	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00484	0.00124	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00484	0.00109	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00484	0.00114	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00484	0.00108	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00484	0.00116	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00484	0.00152	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00484	0.00081	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00484	0.00093	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00484	0.00128	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00484	0.00109	1	8/5/2009	
Ethylbenzene	BQL	0.00484	0.00084	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00484	0.00094	1	8/5/2009	
2-Hexanone	BQL	0.00484	0.00314	1	8/5/2009	
Iodomethane	BQL	0.00484	0.00105	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-02 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-2A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:00
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.13 g
 %Solids: 84.2


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00484	0.00086	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00484	0.00104	1	8/5/2009	
Methylene chloride	0.00509	0.0194	0.00115	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00484	0.00448	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00484	0.00108	1	8/5/2009	
Naphthalene	BQL	0.00484	0.00082	1	8/5/2009	
n-Propyl benzene	BQL	0.00484	0.00122	1	8/5/2009	
Styrene	BQL	0.00484	0.00107	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00484	0.00099	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00484	0.00109	1	8/5/2009	
Tetrachloroethene	BQL	0.00484	0.00089	1	8/5/2009	
Toluene	BQL	0.00484	0.00097	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00484	0.00101	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00484	0.00100	1	8/5/2009	
Trichloroethene	BQL	0.00484	0.00092	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00484	0.00109	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00484	0.00159	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00484	0.00100	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00484	0.00120	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00484	0.00122	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00484	0.00110	1	8/5/2009	
Vinyl chloride	BQL	0.00484	0.00132	1	8/5/2009	
m-,p-Xylene	BQL	0.00969	0.00186	1	8/5/2009	
o-Xylene	BQL	0.00484	0.00094	1	8/5/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0585	117
Toluene-d8	0.05	0.0503	101
4-Bromofluorobenzene	0.05	0.0471	94

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-03 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-3A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:05
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 4.88 g
%Solids: 95.5

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0536	0.00740	1	8/5/2009	
Benzene	BQL	0.00536	0.00115	1	8/5/2009	
Bromobenzene	BQL	0.00536	0.00110	1	8/5/2009	
Bromochloromethane	BQL	0.00536	0.00184	1	8/5/2009	
Bromodichloromethane	BQL	0.00536	0.00106	1	8/5/2009	
Bromoform	BQL	0.00536	0.00107	1	8/5/2009	
Bromomethane	BQL	0.00536	0.00112	1	8/5/2009	
2-Butanone	BQL	0.0268	0.00582	1	8/5/2009	
n-Butylbenzene	BQL	0.00536	0.00102	1	8/5/2009	
sec-Butylbenzene	BQL	0.00536	0.00108	1	8/5/2009	
tert-Butylbenzene	BQL	0.00536	0.00120	1	8/5/2009	
Carbon disulfide	BQL	0.00536	0.00287	1	8/5/2009	
Carbon tetrachloride	BQL	0.00536	0.00109	1	8/5/2009	
Chlorobenzene	BQL	0.00536	0.00127	1	8/5/2009	
Chloroethane	BQL	0.00536	0.00170	1	8/5/2009	
Chloroform	BQL	0.00536	0.00129	1	8/5/2009	
Chloromethane	BQL	0.00536	0.00121	1	8/5/2009	
2-Chlorotoluene	BQL	0.00536	0.00108	1	8/5/2009	
4-Chlorotoluene	BQL	0.00536	0.00134	1	8/5/2009	
Dibromochloromethane	BQL	0.00536	0.00148	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00536	0.00155	1	8/5/2009	
Dibromomethane	BQL	0.00536	0.00162	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00536	0.00121	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00536	0.00138	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00536	0.00137	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00536	0.00112	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00536	0.00148	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00536	0.00114	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00536	0.00159	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00536	0.00141	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00536	0.00137	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00536	0.00121	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00536	0.00126	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00536	0.00120	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00536	0.00129	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00536	0.00168	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00536	0.00089	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00536	0.00103	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00536	0.00141	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00536	0.00121	1	8/5/2009	
Ethylbenzene	BQL	0.00536	0.00093	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00536	0.00104	1	8/5/2009	
2-Hexanone	BQL	0.00536	0.00347	1	8/5/2009	
Iodomethane	BQL	0.00536	0.00116	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-03 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-3A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:05
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 4.88 g
 %Solids: 95.5

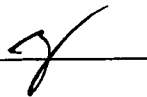
Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00536	0.00095	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00536	0.00115	1	8/5/2009	
Methylene chloride	0.00274	0.0214	0.00127	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00536	0.00496	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00536	0.00119	1	8/5/2009	
Naphthalene	BQL	0.00536	0.00091	1	8/5/2009	
n-Propyl benzene	BQL	0.00536	0.00135	1	8/5/2009	
Styrene	BQL	0.00536	0.00118	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00536	0.00109	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00536	0.00121	1	8/5/2009	
Tetrachloroethene	BQL	0.00536	0.00098	1	8/5/2009	
Toluene	BQL	0.00536	0.00107	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00536	0.00111	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00536	0.00110	1	8/5/2009	
Trichloroethene	BQL	0.00536	0.00102	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00536	0.00121	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00536	0.00176	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00536	0.00110	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00536	0.00133	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00536	0.00135	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00536	0.00122	1	8/5/2009	
Vinyl chloride	BQL	0.00536	0.00146	1	8/5/2009	
m-,p-Xylene	BQL	0.0107	0.00206	1	8/5/2009	
o-Xylene	BQL	0.00536	0.00104	1	8/5/2009	


	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0607	121
Toluene-d8	0.05	0.0508	102
4-Bromofluorobenzene	0.05	0.047	94

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-04 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-4A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:10
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.92 g
 %Solids: 90.6

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0466	0.00644	1	8/5/2009	
Benzene	BQL	0.00466	0.00100	1	8/5/2009	
Bromobenzene	BQL	0.00466	0.00096	1	8/5/2009	
Bromochloromethane	BQL	0.00466	0.00160	1	8/5/2009	
Bromodichloromethane	BQL	0.00466	0.00092	1	8/5/2009	
Bromoform	BQL	0.00466	0.00093	1	8/5/2009	
Bromomethane	BQL	0.00466	0.00098	1	8/5/2009	
2-Butanone	BQL	0.0233	0.00506	1	8/5/2009	
n-Butylbenzene	BQL	0.00466	0.00089	1	8/5/2009	
sec-Butylbenzene	BQL	0.00466	0.00094	1	8/5/2009	
tert-Butylbenzene	BQL	0.00466	0.00104	1	8/5/2009	
Carbon disulfide	BQL	0.00466	0.00250	1	8/5/2009	
Carbon tetrachloride	BQL	0.00466	0.00095	1	8/5/2009	
Chlorobenzene	BQL	0.00466	0.00111	1	8/5/2009	
Chloroethane	BQL	0.00466	0.00148	1	8/5/2009	
Chloroform	BQL	0.00466	0.00112	1	8/5/2009	
Chloromethane	BQL	0.00466	0.00105	1	8/5/2009	
2-Chlorotoluene	BQL	0.00466	0.00094	1	8/5/2009	
4-Chlorotoluene	BQL	0.00466	0.00116	1	8/5/2009	
Dibromochloromethane	BQL	0.00466	0.00129	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00466	0.00135	1	8/5/2009	
Dibromomethane	BQL	0.00466	0.00141	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00466	0.00105	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00466	0.00120	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00466	0.00119	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00466	0.00098	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00466	0.00129	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00466	0.00099	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00466	0.00138	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00466	0.00123	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00466	0.00119	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00466	0.00105	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00466	0.00110	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00466	0.00104	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00466	0.00112	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00466	0.00146	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00466	0.00078	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00466	0.00090	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00466	0.00123	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00466	0.00105	1	8/5/2009	
Ethylbenzene	BQL	0.00466	0.00081	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00466	0.00091	1	8/5/2009	
2-Hexanone	BQL	0.00466	0.00302	1	8/5/2009	
Iodomethane	BQL	0.00466	0.00101	1	8/5/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-04 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-4A
Lab Project ID: G128-2427
Report Basis: Dry Weight

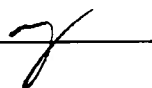
Analyzed By: MJC
Date Collected: 07-30-2009 11:10
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.92 g
%Solids: 90.6


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00466	0.00083	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00466	0.00100	1	8/5/2009	
Methylene chloride	0.00342	0.0186	0.00111	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00466	0.00431	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00466	0.00103	1	8/5/2009	
Naphthalene	BQL	0.00466	0.00079	1	8/5/2009	
n-Propyl benzene	BQL	0.00466	0.00117	1	8/5/2009	
Styrene	BQL	0.00466	0.00102	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00466	0.00095	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00466	0.00105	1	8/5/2009	
Tetrachloroethene	BQL	0.00466	0.00085	1	8/5/2009	
Toluene	BQL	0.00466	0.00093	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00466	0.00097	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00466	0.00096	1	8/5/2009	
Trichloroethene	BQL	0.00466	0.00089	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00466	0.00105	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00466	0.00153	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00466	0.00096	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00466	0.00116	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00466	0.00117	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00466	0.00106	1	8/5/2009	
Vinyl chloride	BQL	0.00466	0.00127	1	8/5/2009	
m-,p-Xylene	BQL	0.00932	0.00179	1	8/5/2009	
o-Xylene	BQL	0.00466	0.00090	1	8/5/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0578	116		
Toluene-d8		0.05	0.0502	100		
4-Bromofluorobenzene		0.05	0.0475	95		

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-05 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-5A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:15
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.51 g
 %Solids: 90.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0426	0.00589	1	8/5/2009	
Benzene	BQL	0.00426	0.00091	1	8/5/2009	
Bromobenzene	BQL	0.00426	0.00088	1	8/5/2009	
Bromochloromethane	BQL	0.00426	0.00147	1	8/5/2009	
Bromodichloromethane	BQL	0.00426	0.00085	1	8/5/2009	
Bromoform	BQL	0.00426	0.00085	1	8/5/2009	
Bromomethane	BQL	0.00426	0.00090	1	8/5/2009	
2-Butanone	BQL	0.0213	0.00463	1	8/5/2009	
n-Butylbenzene	BQL	0.00426	0.00081	1	8/5/2009	
sec-Butylbenzene	BQL	0.00426	0.00086	1	8/5/2009	
tert-Butylbenzene	BQL	0.00426	0.00096	1	8/5/2009	
Carbon disulfide	BQL	0.00426	0.00228	1	8/5/2009	
Carbon tetrachloride	BQL	0.00426	0.00087	1	8/5/2009	
Chlorobenzene	BQL	0.00426	0.00101	1	8/5/2009	
Chloroethane	BQL	0.00426	0.00136	1	8/5/2009	
Chloroform	BQL	0.00426	0.00102	1	8/5/2009	
Chloromethane	BQL	0.00426	0.00096	1	8/5/2009	
2-Chlorotoluene	BQL	0.00426	0.00086	1	8/5/2009	
4-Chlorotoluene	BQL	0.00426	0.00107	1	8/5/2009	
Dibromochloromethane	BQL	0.00426	0.00118	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00426	0.00124	1	8/5/2009	
Dibromomethane	BQL	0.00426	0.00129	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00426	0.00096	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00426	0.00110	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00426	0.00109	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00426	0.00090	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00426	0.00118	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00426	0.00090	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00426	0.00126	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00426	0.00113	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00426	0.00109	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00426	0.00096	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00426	0.00101	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00426	0.00096	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00426	0.00102	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00426	0.00134	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00426	0.00071	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00426	0.00082	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00426	0.00113	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00426	0.00096	1	8/5/2009	
Ethylbenzene	BQL	0.00426	0.00074	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00426	0.00083	1	8/5/2009	
2-Hexanone	BQL	0.00426	0.00276	1	8/5/2009	
Iodomethane	BQL	0.00426	0.00092	1	8/5/2009	

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-05 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-5A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:15
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.51 g
%Solids: 90.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00426	0.00076	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00426	0.00091	1	8/5/2009	
Methylene chloride	0.00364	0.0170	0.00101	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00426	0.00395	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00426	0.00095	1	8/5/2009	
Naphthalene	BQL	0.00426	0.00073	1	8/5/2009	
n-Propyl benzene	BQL	0.00426	0.00107	1	8/5/2009	
Styrene	BQL	0.00426	0.00094	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00426	0.00087	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00426	0.00096	1	8/5/2009	
Tetrachloroethene	BQL	0.00426	0.00078	1	8/5/2009	
Toluene	BQL	0.00426	0.00085	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00426	0.00089	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00426	0.00088	1	8/5/2009	
Trichloroethene	BQL	0.00426	0.00081	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00426	0.00096	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00426	0.00140	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00426	0.00088	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00426	0.00106	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00426	0.00107	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00426	0.00097	1	8/5/2009	
Vinyl chloride	BQL	0.00426	0.00116	1	8/5/2009	
m-,p-Xylene	BQL	0.00852	0.00164	1	8/5/2009	
o-Xylene	BQL	0.00426	0.00083	1	8/5/2009	


	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0576	115
Toluene-d8	0.05	0.0505	101
4-Bromofluorobenzene	0.05	0.0473	95

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: 

Reviewed By:  _____

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-06 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-6A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:20
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.88 g
 %Solids: 88.8

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0479	0.00662	1	8/5/2009	
Benzene	BQL	0.00479	0.00103	1	8/5/2009	
Bromobenzene	BQL	0.00479	0.00099	1	8/5/2009	
Bromochloromethane	BQL	0.00479	0.00165	1	8/5/2009	
Bromodichloromethane	BQL	0.00479	0.00095	1	8/5/2009	
Bromoform	BQL	0.00479	0.00096	1	8/5/2009	
Bromomethane	BQL	0.00479	0.00101	1	8/5/2009	
2-Butanone	BQL	0.0240	0.00520	1	8/5/2009	
n-Butylbenzene	BQL	0.00479	0.00092	1	8/5/2009	
sec-Butylbenzene	BQL	0.00479	0.00097	1	8/5/2009	
tert-Butylbenzene	BQL	0.00479	0.00107	1	8/5/2009	
Carbon disulfide	BQL	0.00479	0.00257	1	8/5/2009	
Carbon tetrachloride	BQL	0.00479	0.00098	1	8/5/2009	
Chlorobenzene	BQL	0.00479	0.00114	1	8/5/2009	
Chloroethane	BQL	0.00479	0.00152	1	8/5/2009	
Chloroform	BQL	0.00479	0.00115	1	8/5/2009	
Chloromethane	BQL	0.00479	0.00108	1	8/5/2009	
2-Chlorotoluene	BQL	0.00479	0.00097	1	8/5/2009	
4-Chlorotoluene	BQL	0.00479	0.00120	1	8/5/2009	
Dibromochloromethane	BQL	0.00479	0.00132	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00479	0.00139	1	8/5/2009	
Dibromomethane	BQL	0.00479	0.00145	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00479	0.00108	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00479	0.00124	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00479	0.00123	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00479	0.00101	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00479	0.00132	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00479	0.00102	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00479	0.00142	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00479	0.00126	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00479	0.00123	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00479	0.00108	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00479	0.00113	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00479	0.00107	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00479	0.00115	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00479	0.00150	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00479	0.00080	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00479	0.00092	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00479	0.00126	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00479	0.00108	1	8/5/2009	
Ethylbenzene	BQL	0.00479	0.00083	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00479	0.00093	1	8/5/2009	
2-Hexanone	BQL	0.00479	0.00310	1	8/5/2009	
Iodomethane	BQL	0.00479	0.00103	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-06 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-6A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:20
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.88 g
 %Solids: 88.8


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00479	0.00085	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00479	0.00103	1	8/5/2009	
Methylene chloride	0.00545	0.0192	0.00114	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00479	0.00444	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00479	0.00106	1	8/5/2009	
Naphthalene	BQL	0.00479	0.00081	1	8/5/2009	
n-Propyl benzene	BQL	0.00479	0.00121	1	8/5/2009	
Styrene	BQL	0.00479	0.00105	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00479	0.00098	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00479	0.00108	1	8/5/2009	
Tetrachloroethene	BQL	0.00479	0.00088	1	8/5/2009	
Toluene	BQL	0.00479	0.00096	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00479	0.00100	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00479	0.00099	1	8/5/2009	
Trichloroethene	BQL	0.00479	0.00091	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00479	0.00108	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00479	0.00157	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00479	0.00099	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00479	0.00119	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00479	0.00121	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00479	0.00109	1	8/5/2009	
Vinyl chloride	BQL	0.00479	0.00130	1	8/5/2009	
m-,p-Xylene	BQL	0.00958	0.00184	1	8/5/2009	
o-Xylene	BQL	0.00479	0.00093	1	8/5/2009	

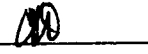
	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0596	119
Toluene-d8	0.05	0.0508	102
4-Bromofluorobenzene	0.05	0.0464	93

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-07 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-7A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:25
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 3.67 g
%Solids: 93.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0731	0.0101	1	8/5/2009	
Benzene	BQL	0.00731	0.00156	1	8/5/2009	
Bromobenzene	BQL	0.00731	0.00151	1	8/5/2009	
Bromochloromethane	BQL	0.00731	0.00251	1	8/5/2009	
Bromodichloromethane	BQL	0.00731	0.00145	1	8/5/2009	
Bromoform	BQL	0.00731	0.00146	1	8/5/2009	
Bromomethane	BQL	0.00731	0.00154	1	8/5/2009	
2-Butanone	BQL	0.0365	0.00794	1	8/5/2009	
n-Butylbenzene	BQL	0.00731	0.00140	1	8/5/2009	
sec-Butylbenzene	BQL	0.00731	0.00148	1	8/5/2009	
tert-Butylbenzene	BQL	0.00731	0.00164	1	8/5/2009	
Carbon disulfide	BQL	0.00731	0.00392	1	8/5/2009	
Carbon tetrachloride	BQL	0.00731	0.00149	1	8/5/2009	
Chlorobenzene	BQL	0.00731	0.00174	1	8/5/2009	
Chloroethane	BQL	0.00731	0.00232	1	8/5/2009	
Chloroform	BQL	0.00731	0.00175	1	8/5/2009	
Chloromethane	BQL	0.00731	0.00165	1	8/5/2009	
2-Chlorotoluene	BQL	0.00731	0.00148	1	8/5/2009	
4-Chlorotoluene	BQL	0.00731	0.00183	1	8/5/2009	
Dibromochloromethane	BQL	0.00731	0.00202	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00731	0.00212	1	8/5/2009	
Dibromomethane	BQL	0.00731	0.00221	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00731	0.00165	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00731	0.00189	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00731	0.00187	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00731	0.00154	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00731	0.00202	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00731	0.00155	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00731	0.00216	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00731	0.00193	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00731	0.00187	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00731	0.00165	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00731	0.00173	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00731	0.00164	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00731	0.00175	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00731	0.00230	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00731	0.00122	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00731	0.00141	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00731	0.00193	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00731	0.00165	1	8/5/2009	
Ethylbenzene	BQL	0.00731	0.00127	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00731	0.00143	1	8/5/2009	
2-Hexanone	BQL	0.00731	0.00474	1	8/5/2009	
Iodomethane	BQL	0.00731	0.00158	1	8/5/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-08 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-8A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:30
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.94 g
%Solids: 93.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.00732	0.0451	0.00624	1	8/5/2009	J
Benzene	BQL	0.00451	0.00097	1	8/5/2009	
Bromobenzene	BQL	0.00451	0.00093	1	8/5/2009	
Bromochloromethane	BQL	0.00451	0.00155	1	8/5/2009	
Bromodichloromethane	BQL	0.00451	0.00090	1	8/5/2009	
Bromoform	BQL	0.00451	0.00090	1	8/5/2009	
Bromomethane	BQL	0.00451	0.00095	1	8/5/2009	
2-Butanone	BQL	0.0226	0.00490	1	8/5/2009	
n-Butylbenzene	BQL	0.00451	0.00086	1	8/5/2009	
sec-Butylbenzene	BQL	0.00451	0.00091	1	8/5/2009	
tert-Butylbenzene	BQL	0.00451	0.00101	1	8/5/2009	
Carbon disulfide	BQL	0.00451	0.00242	1	8/5/2009	
Carbon tetrachloride	BQL	0.00451	0.00092	1	8/5/2009	
Chlorobenzene	BQL	0.00451	0.00107	1	8/5/2009	
Chloroethane	BQL	0.00451	0.00144	1	8/5/2009	
Chloroform	BQL	0.00451	0.00108	1	8/5/2009	
Chloromethane	BQL	0.00451	0.00102	1	8/5/2009	
2-Chlorotoluene	BQL	0.00451	0.00091	1	8/5/2009	
4-Chlorotoluene	BQL	0.00451	0.00113	1	8/5/2009	
Dibromochloromethane	BQL	0.00451	0.00125	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00451	0.00131	1	8/5/2009	
Dibromomethane	BQL	0.00451	0.00136	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00451	0.00102	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00451	0.00116	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00451	0.00116	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00451	0.00095	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00451	0.00125	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00451	0.00096	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00451	0.00134	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00451	0.00119	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00451	0.00116	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00451	0.00102	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00451	0.00107	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00451	0.00101	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00451	0.00108	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00451	0.00142	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00451	0.00075	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00451	0.00087	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00451	0.00119	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00451	0.00102	1	8/5/2009	
Ethylbenzene	BQL	0.00451	0.00078	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00451	0.00088	1	8/5/2009	
2-Hexanone	BQL	0.00451	0.00293	1	8/5/2009	
Iodomethane	BQL	0.00451	0.00098	1	8/5/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-08 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-8A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:30
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.94 g
%Solids: 93.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00451	0.00080	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00451	0.00097	1	8/5/2009	
Methylene chloride	0.00151	0.0181	0.00107	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00451	0.00418	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00451	0.00100	1	8/5/2009	
Naphthalene	BQL	0.00451	0.00077	1	8/5/2009	
n-Propyl benzene	BQL	0.00451	0.00114	1	8/5/2009	
Styrene	BQL	0.00451	0.00099	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00451	0.00092	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00451	0.00102	1	8/5/2009	
Tetrachloroethene	BQL	0.00451	0.00083	1	8/5/2009	
Toluene	BQL	0.00451	0.00090	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00451	0.00094	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00451	0.00093	1	8/5/2009	
Trichloroethene	BQL	0.00451	0.00086	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00451	0.00102	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00451	0.00148	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00451	0.00093	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00451	0.00112	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00451	0.00114	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00451	0.00103	1	8/5/2009	
Vinyl chloride	BQL	0.00451	0.00123	1	8/5/2009	
m-,p-Xylene	BQL	0.00903	0.00173	1	8/5/2009	
o-Xylene	BQL	0.00451	0.00088	1	8/5/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0596	119
Toluene-d8	0.05	0.0504	101
4-Bromofluorobenzene	0.05	0.0466	93

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-09 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-9A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:35
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.40 g
 %Solids: 92.6

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0499	0.00690	1	8/5/2009	
Benzene	BQL	0.00499	0.00107	1	8/5/2009	
Bromobenzene	BQL	0.00499	0.00103	1	8/5/2009	
Bromochloromethane	BQL	0.00499	0.00172	1	8/5/2009	
Bromodichloromethane	BQL	0.00499	0.00099	1	8/5/2009	
Bromoform	BQL	0.00499	0.00100	1	8/5/2009	
Bromomethane	BQL	0.00499	0.00105	1	8/5/2009	
2-Butanone	BQL	0.0250	0.00542	1	8/5/2009	
n-Butylbenzene	BQL	0.00499	0.00095	1	8/5/2009	
sec-Butylbenzene	BQL	0.00499	0.00101	1	8/5/2009	
tert-Butylbenzene	BQL	0.00499	0.00112	1	8/5/2009	
Carbon disulfide	BQL	0.00499	0.00268	1	8/5/2009	
Carbon tetrachloride	BQL	0.00499	0.00102	1	8/5/2009	
Chlorobenzene	BQL	0.00499	0.00119	1	8/5/2009	
Chloroethane	BQL	0.00499	0.00159	1	8/5/2009	
Chloroform	BQL	0.00499	0.00120	1	8/5/2009	
Chloromethane	BQL	0.00499	0.00113	1	8/5/2009	
2-Chlorotoluene	BQL	0.00499	0.00101	1	8/5/2009	
4-Chlorotoluene	BQL	0.00499	0.00125	1	8/5/2009	
Dibromochloromethane	BQL	0.00499	0.00138	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00499	0.00145	1	8/5/2009	
Dibromomethane	BQL	0.00499	0.00151	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00499	0.00113	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00499	0.00129	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00499	0.00128	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00499	0.00105	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00499	0.00138	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00499	0.00106	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00499	0.00148	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00499	0.00132	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00499	0.00128	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00499	0.00113	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00499	0.00118	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00499	0.00112	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00499	0.00120	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00499	0.00157	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00499	0.00083	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00499	0.00096	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00499	0.00132	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00499	0.00113	1	8/5/2009	
Ethylbenzene	BQL	0.00499	0.00087	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00499	0.00097	1	8/5/2009	
2-Hexanone	BQL	0.00499	0.00323	1	8/5/2009	
Iodomethane	BQL	0.00499	0.00108	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-09 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-9A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:35
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.40 g
 %Solids: 92.6

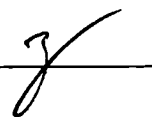
Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00499	0.00089	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00499	0.00107	1	8/5/2009	
Methylene chloride	0.00525	0.0200	0.00119	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00499	0.00462	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00499	0.00111	1	8/5/2009	
Naphthalene	BQL	0.00499	0.00085	1	8/5/2009	
n-Propyl benzene	BQL	0.00499	0.00126	1	8/5/2009	
Styrene	BQL	0.00499	0.00110	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00499	0.00102	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00499	0.00113	1	8/5/2009	
Tetrachloroethene	BQL	0.00499	0.00092	1	8/5/2009	
Toluene	BQL	0.00499	0.00100	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00499	0.00104	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00499	0.00103	1	8/5/2009	
Trichloroethene	BQL	0.00499	0.00095	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00499	0.00113	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00499	0.00164	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00499	0.00103	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00499	0.00124	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00499	0.00126	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00499	0.00114	1	8/5/2009	
Vinyl chloride	BQL	0.00499	0.00136	1	8/5/2009	
m-,p-Xylene	BQL	0.00998	0.00192	1	8/5/2009	
o-Xylene	BQL	0.00499	0.00097	1	8/5/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0596	119
Toluene-d8	0.05	0.0507	101
4-Bromofluorobenzene	0.05	0.0464	93

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-10 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-10A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:40
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.65 g
 %Solids: 93.1

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0475	0.00657	1	8/5/2009	
Benzene	BQL	0.00475	0.00102	1	8/5/2009	
Bromobenzene	BQL	0.00475	0.00098	1	8/5/2009	
Bromochloromethane	BQL	0.00475	0.00164	1	8/5/2009	
Bromodichloromethane	BQL	0.00475	0.00094	1	8/5/2009	
Bromoform	BQL	0.00475	0.00095	1	8/5/2009	
Bromomethane	BQL	0.00475	0.00100	1	8/5/2009	
2-Butanone	BQL	0.0238	0.00516	1	8/5/2009	
n-Butylbenzene	BQL	0.00475	0.00091	1	8/5/2009	
sec-Butylbenzene	BQL	0.00475	0.00096	1	8/5/2009	
tert-Butylbenzene	BQL	0.00475	0.00107	1	8/5/2009	
Carbon disulfide	BQL	0.00475	0.00255	1	8/5/2009	
Carbon tetrachloride	BQL	0.00475	0.00097	1	8/5/2009	
Chlorobenzene	BQL	0.00475	0.00113	1	8/5/2009	
Chloroethane	BQL	0.00475	0.00151	1	8/5/2009	
Chloroform	BQL	0.00475	0.00114	1	8/5/2009	
Chloromethane	BQL	0.00475	0.00107	1	8/5/2009	
2-Chlorotoluene	BQL	0.00475	0.00096	1	8/5/2009	
4-Chlorotoluene	BQL	0.00475	0.00119	1	8/5/2009	
Dibromochloromethane	BQL	0.00475	0.00131	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00475	0.00138	1	8/5/2009	
Dibromomethane	BQL	0.00475	0.00144	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00475	0.00107	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00475	0.00123	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00475	0.00122	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00475	0.00100	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00475	0.00131	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00475	0.00101	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00475	0.00141	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00475	0.00126	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00475	0.00122	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00475	0.00107	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00475	0.00112	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00475	0.00107	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00475	0.00114	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00475	0.00149	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00475	0.00079	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00475	0.00092	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00475	0.00126	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00475	0.00107	1	8/5/2009	
Ethylbenzene	BQL	0.00475	0.00082	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00475	0.00093	1	8/5/2009	
2-Hexanone	BQL	0.00475	0.00308	1	8/5/2009	
Iodomethane	BQL	0.00475	0.00103	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-10 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-10A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:40
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 5.65 g
 %Solids: 93.1

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00475	0.00084	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00475	0.00102	1	8/5/2009	
Methylene chloride	0.00590	0.0190	0.00113	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00475	0.00440	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00475	0.00106	1	8/5/2009	
Naphthalene	BQL	0.00475	0.00081	1	8/5/2009	
n-Propyl benzene	BQL	0.00475	0.00120	1	8/5/2009	
Styrene	BQL	0.00475	0.00105	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00475	0.00097	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00475	0.00107	1	8/5/2009	
Tetrachloroethene	BQL	0.00475	0.00087	1	8/5/2009	
Toluene	BQL	0.00475	0.00095	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00475	0.00099	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00475	0.00098	1	8/5/2009	
Trichloroethene	BQL	0.00475	0.00091	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00475	0.00107	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00475	0.00156	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00475	0.00098	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00475	0.00118	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00475	0.00120	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00475	0.00108	1	8/5/2009	
Vinyl chloride	BQL	0.00475	0.00129	1	8/5/2009	
m-,p-Xylene	BQL	0.00951	0.00183	1	8/5/2009	
o-Xylene	BQL	0.00475	0.00092	1	8/5/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0591	118
Toluene-d8	0.05	0.0504	101
4-Bromofluorobenzene	0.05	0.0458	92

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 3

Reviewed By: bd

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-11 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-11A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:45
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 4.82 g
%Solids: 91.9

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0563	0.00778	1	8/5/2009	
Benzene	BQL	0.00563	0.00120	1	8/5/2009	
Bromobenzene	BQL	0.00563	0.00116	1	8/5/2009	
Bromochloromethane	BQL	0.00563	0.00194	1	8/5/2009	
Bromodichloromethane	BQL	0.00563	0.00112	1	8/5/2009	
Bromoform	BQL	0.00563	0.00113	1	8/5/2009	
Bromomethane	BQL	0.00563	0.00118	1	8/5/2009	
2-Butanone	BQL	0.0281	0.00611	1	8/5/2009	
n-Butylbenzene	BQL	0.00563	0.00108	1	8/5/2009	
sec-Butylbenzene	BQL	0.00563	0.00114	1	8/5/2009	
tert-Butylbenzene	BQL	0.00563	0.00126	1	8/5/2009	
Carbon disulfide	BQL	0.00563	0.00302	1	8/5/2009	
Carbon tetrachloride	BQL	0.00563	0.00115	1	8/5/2009	
Chlorobenzene	BQL	0.00563	0.00134	1	8/5/2009	
Chloroethane	BQL	0.00563	0.00179	1	8/5/2009	
Chloroform	BQL	0.00563	0.00135	1	8/5/2009	
Chloromethane	BQL	0.00563	0.00127	1	8/5/2009	
2-Chlorotoluene	BQL	0.00563	0.00114	1	8/5/2009	
4-Chlorotoluene	BQL	0.00563	0.00141	1	8/5/2009	
Dibromochloromethane	BQL	0.00563	0.00155	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00563	0.00163	1	8/5/2009	
Dibromomethane	BQL	0.00563	0.00170	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00563	0.00127	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00563	0.00145	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00563	0.00144	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00563	0.00118	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00563	0.00155	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00563	0.00119	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00563	0.00167	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00563	0.00149	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00563	0.00144	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00563	0.00127	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00563	0.00133	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00563	0.00126	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00563	0.00135	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00563	0.00177	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00563	0.00094	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00563	0.00108	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00563	0.00149	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00563	0.00127	1	8/5/2009	
Ethylbenzene	BQL	0.00563	0.00098	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00563	0.00110	1	8/5/2009	
2-Hexanone	BQL	0.00563	0.00365	1	8/5/2009	
Iodomethane	BQL	0.00563	0.00122	1	8/5/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-11 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-11A
Lab Project ID: G128-2427
Report Basis: Dry Weight


Analyzed By: MJC
Date Collected: 07-30-2009 11:45
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 4.82 g
%Solids: 91.9


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00563	0.00100	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00563	0.00120	1	8/5/2009	
Methylene chloride	0.00556	0.0225	0.00134	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00563	0.00521	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00563	0.00125	1	8/5/2009	
Naphthalene	BQL	0.00563	0.00096	1	8/5/2009	
n-Propyl benzene	BQL	0.00563	0.00142	1	8/5/2009	
Styrene	BQL	0.00563	0.00124	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00563	0.00115	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00563	0.00127	1	8/5/2009	
Tetrachloroethene	BQL	0.00563	0.00103	1	8/5/2009	
Toluene	BQL	0.00563	0.00112	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00563	0.00117	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00563	0.00116	1	8/5/2009	
Trichloroethene	BQL	0.00563	0.00107	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00563	0.00127	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00563	0.00185	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00563	0.00116	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00563	0.00140	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00563	0.00142	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00563	0.00128	1	8/5/2009	
Vinyl chloride	BQL	0.00563	0.00153	1	8/5/2009	
m-,p-Xylene	BQL	0.0113	0.00216	1	8/5/2009	
o-Xylene	BQL	0.00563	0.00109	1	8/5/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0585	117		
Toluene-d8		0.05	0.0503	101		
4-Bromofluorobenzene		0.05	0.0469	94		

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT-12 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-12A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:50
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 4.80 g
%Solids: 84.4

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0617	0.00853	1	8/5/2009	
Benzene	BQL	0.00617	0.00132	1	8/5/2009	
Bromobenzene	BQL	0.00617	0.00127	1	8/5/2009	
Bromochloromethane	BQL	0.00617	0.00212	1	8/5/2009	
Bromodichloromethane	BQL	0.00617	0.00122	1	8/5/2009	
Bromoform	BQL	0.00617	0.00123	1	8/5/2009	
Bromomethane	BQL	0.00617	0.00130	1	8/5/2009	
2-Butanone	BQL	0.0309	0.00670	1	8/5/2009	
n-Butylbenzene	BQL	0.00617	0.00118	1	8/5/2009	
sec-Butylbenzene	BQL	0.00617	0.00125	1	8/5/2009	
tert-Butylbenzene	BQL	0.00617	0.00138	1	8/5/2009	
Carbon disulfide	BQL	0.00617	0.00331	1	8/5/2009	
Carbon tetrachloride	BQL	0.00617	0.00126	1	8/5/2009	
Chlorobenzene	BQL	0.00617	0.00147	1	8/5/2009	
Chloroethane	BQL	0.00617	0.00196	1	8/5/2009	
Chloroform	BQL	0.00617	0.00148	1	8/5/2009	
Chloromethane	BQL	0.00617	0.00140	1	8/5/2009	
2-Chlorotoluene	BQL	0.00617	0.00125	1	8/5/2009	
4-Chlorotoluene	BQL	0.00617	0.00154	1	8/5/2009	
Dibromochloromethane	BQL	0.00617	0.00170	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00617	0.00179	1	8/5/2009	
Dibromomethane	BQL	0.00617	0.00186	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00617	0.00140	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00617	0.00159	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00617	0.00158	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00617	0.00130	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00617	0.00170	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00617	0.00131	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00617	0.00183	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00617	0.00163	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00617	0.00158	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00617	0.00140	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00617	0.00146	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00617	0.00138	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00617	0.00148	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00617	0.00194	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00617	0.00103	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00617	0.00119	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00617	0.00163	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00617	0.00140	1	8/5/2009	
Ethylbenzene	BQL	0.00617	0.00107	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00617	0.00120	1	8/5/2009	
2-Hexanone	BQL	0.00617	0.00400	1	8/5/2009	
Iodomethane	BQL	0.00617	0.00133	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT-12 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-12A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:50
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 4.80 g
 %Solids: 84.4

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00617	0.00110	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00617	0.00132	1	8/5/2009	
Methylene chloride	0.0134	0.0247	0.00147	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00617	0.00572	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00617	0.00137	1	8/5/2009	
Naphthalene	BQL	0.00617	0.00105	1	8/5/2009	
n-Propyl benzene	BQL	0.00617	0.00156	1	8/5/2009	
Styrene	BQL	0.00617	0.00136	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00617	0.00126	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00617	0.00140	1	8/5/2009	
Tetrachloroethene	BQL	0.00617	0.00113	1	8/5/2009	
Toluene	BQL	0.00617	0.00123	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00617	0.00128	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00617	0.00127	1	8/5/2009	
Trichloroethene	BQL	0.00617	0.00118	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00617	0.00140	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00617	0.00202	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00617	0.00127	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00617	0.00153	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00617	0.00156	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00617	0.00141	1	8/5/2009	
Vinyl chloride	BQL	0.00617	0.00168	1	8/5/2009	
m-,p-Xylene	BQL	0.0123	0.00237	1	8/5/2009	
o-Xylene	BQL	0.00617	0.00120	1	8/5/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0587	117
Toluene-d8	0.05	0.0504	101
4-Bromofluorobenzene	0.05	0.0471	94

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst:

Reviewed By:

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-13 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-13A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 11:55
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.23 g
%Solids: 84.5

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0474	0.00655	1	8/5/2009	
Benzene	BQL	0.00474	0.00101	1	8/5/2009	
Bromobenzene	BQL	0.00474	0.00098	1	8/5/2009	
Bromochloromethane	BQL	0.00474	0.00163	1	8/5/2009	
Bromodichloromethane	BQL	0.00474	0.00094	1	8/5/2009	
Bromoform	BQL	0.00474	0.00095	1	8/5/2009	
Bromomethane	BQL	0.00474	0.00100	1	8/5/2009	
2-Butanone	BQL	0.0237	0.00515	1	8/5/2009	
n-Butylbenzene	BQL	0.00474	0.00091	1	8/5/2009	
sec-Butylbenzene	BQL	0.00474	0.00096	1	8/5/2009	
tert-Butylbenzene	BQL	0.00474	0.00106	1	8/5/2009	
Carbon disulfide	BQL	0.00474	0.00254	1	8/5/2009	
Carbon tetrachloride	BQL	0.00474	0.00097	1	8/5/2009	
Chlorobenzene	BQL	0.00474	0.00113	1	8/5/2009	
Chloroethane	BQL	0.00474	0.00151	1	8/5/2009	
Chloroform	BQL	0.00474	0.00114	1	8/5/2009	
Chloromethane	BQL	0.00474	0.00107	1	8/5/2009	
2-Chlorotoluene	BQL	0.00474	0.00096	1	8/5/2009	
4-Chlorotoluene	BQL	0.00474	0.00119	1	8/5/2009	
Dibromochloromethane	BQL	0.00474	0.00131	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00474	0.00137	1	8/5/2009	
Dibromomethane	BQL	0.00474	0.00143	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00474	0.00107	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00474	0.00122	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00474	0.00121	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00474	0.00100	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00474	0.00131	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00474	0.00101	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00474	0.00140	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00474	0.00125	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00474	0.00121	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00474	0.00107	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00474	0.00112	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00474	0.00106	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00474	0.00114	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00474	0.00149	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00474	0.00079	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00474	0.00091	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00474	0.00125	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00474	0.00107	1	8/5/2009	
Ethylbenzene	BQL	0.00474	0.00082	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00474	0.00093	1	8/5/2009	
2-Hexanone	BQL	0.00474	0.00307	1	8/5/2009	
Iodomethane	BQL	0.00474	0.00102	1	8/5/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-13 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-13A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 11:55
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.23 g
 %Solids: 84.5

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00474	0.00084	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00474	0.00101	1	8/5/2009	
Methylene chloride	0.00541	0.0190	0.00113	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00474	0.00439	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00474	0.00105	1	8/5/2009	
Naphthalene	BQL	0.00474	0.00081	1	8/5/2009	
n-Propyl benzene	BQL	0.00474	0.00119	1	8/5/2009	
Styrene	BQL	0.00474	0.00104	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00474	0.00097	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00474	0.00107	1	8/5/2009	
Tetrachloroethene	BQL	0.00474	0.00087	1	8/5/2009	
Toluene	BQL	0.00474	0.00095	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00474	0.00099	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00474	0.00098	1	8/5/2009	
Trichloroethene	BQL	0.00474	0.00091	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00474	0.00107	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00474	0.00156	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00474	0.00098	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00474	0.00118	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00474	0.00119	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00474	0.00108	1	8/5/2009	
Vinyl chloride	BQL	0.00474	0.00129	1	8/5/2009	
m-,p-Xylene	BQL	0.00948	0.00182	1	8/5/2009	
o-Xylene	BQL	0.00474	0.00092	1	8/5/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0585	117		
Toluene-d8		0.05	0.0501	100		
4-Bromofluorobenzene		0.05	0.047	94		

Comments:

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-14 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-14A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:00
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.48 g
%Solids: 85.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0453	0.00626	1	8/5/2009	
Benzene	BQL	0.00453	0.00097	1	8/5/2009	
Bromobenzene	BQL	0.00453	0.00093	1	8/5/2009	
Bromochloromethane	BQL	0.00453	0.00156	1	8/5/2009	
Bromodichloromethane	BQL	0.00453	0.00090	1	8/5/2009	
Bromoform	BQL	0.00453	0.00091	1	8/5/2009	
Bromomethane	BQL	0.00453	0.00095	1	8/5/2009	
2-Butanone	BQL	0.0226	0.00492	1	8/5/2009	
n-Butylbenzene	BQL	0.00453	0.00087	1	8/5/2009	
sec-Butylbenzene	BQL	0.00453	0.00092	1	8/5/2009	
tert-Butylbenzene	BQL	0.00453	0.00101	1	8/5/2009	
Carbon disulfide	BQL	0.00453	0.00243	1	8/5/2009	
Carbon tetrachloride	BQL	0.00453	0.00092	1	8/5/2009	
Chlorobenzene	BQL	0.00453	0.00108	1	8/5/2009	
Chloroethane	BQL	0.00453	0.00144	1	8/5/2009	
Chloroform	BQL	0.00453	0.00109	1	8/5/2009	
Chloromethane	BQL	0.00453	0.00102	1	8/5/2009	
2-Chlorotoluene	BQL	0.00453	0.00092	1	8/5/2009	
4-Chlorotoluene	BQL	0.00453	0.00113	1	8/5/2009	
Dibromochloromethane	BQL	0.00453	0.00125	1	8/5/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00453	0.00131	1	8/5/2009	
Dibromomethane	BQL	0.00453	0.00137	1	8/5/2009	
1,2-Dibromoethane (EDB)	BQL	0.00453	0.00102	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.00453	0.00117	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.00453	0.00116	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.00453	0.00095	1	8/5/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00453	0.00125	1	8/5/2009	
1,1-Dichloroethane	BQL	0.00453	0.00096	1	8/5/2009	
1,1-Dichloroethene	BQL	0.00453	0.00134	1	8/5/2009	
1,2-Dichloroethane	BQL	0.00453	0.00120	1	8/5/2009	
cis-1,2-Dichloroethene	BQL	0.00453	0.00116	1	8/5/2009	
trans-1,2-dichloroethene	BQL	0.00453	0.00102	1	8/5/2009	
1,2-Dichloropropane	BQL	0.00453	0.00107	1	8/5/2009	
1,3-Dichloropropane	BQL	0.00453	0.00101	1	8/5/2009	
2,2-Dichloropropane	BQL	0.00453	0.00109	1	8/5/2009	
1,1-Dichloropropene	BQL	0.00453	0.00142	1	8/5/2009	
cis-1,3-Dichloropropene	BQL	0.00453	0.00075	1	8/5/2009	
trans-1,3-Dichloropropene	BQL	0.00453	0.00087	1	8/5/2009	
Dichlorodifluoromethane	BQL	0.00453	0.00120	1	8/5/2009	
Diisopropyl ether (DIPE)	BQL	0.00453	0.00102	1	8/5/2009	
Ethylbenzene	BQL	0.00453	0.00078	1	8/5/2009	
Hexachlorobutadiene	BQL	0.00453	0.00088	1	8/5/2009	
2-Hexanone	BQL	0.00453	0.00293	1	8/5/2009	
Iodomethane	BQL	0.00453	0.00098	1	8/5/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-14 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-14A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:00
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.48 g
%Solids: 85.2

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00453	0.00080	1	8/5/2009	
4-Isopropyltoluene	BQL	0.00453	0.00097	1	8/5/2009	
Methylene chloride	0.0129	0.0181	0.00108	1	8/5/2009	J
4-Methyl-2-pentanone	BQL	0.00453	0.00419	1	8/5/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00453	0.00101	1	8/5/2009	
Naphthalene	BQL	0.00453	0.00077	1	8/5/2009	
n-Propyl benzene	BQL	0.00453	0.00114	1	8/5/2009	
Styrene	BQL	0.00453	0.00100	1	8/5/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00453	0.00092	1	8/5/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00453	0.00102	1	8/5/2009	
Tetrachloroethene	BQL	0.00453	0.00083	1	8/5/2009	
Toluene	BQL	0.00453	0.00090	1	8/5/2009	
1,2,3-Trichlorobenzene	BQL	0.00453	0.00094	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.00453	0.00093	1	8/5/2009	
Trichloroethene	BQL	0.00453	0.00086	1	8/5/2009	
1,1,1-Trichloroethane	BQL	0.00453	0.00102	1	8/5/2009	
1,1,2-Trichloroethane	BQL	0.00453	0.00149	1	8/5/2009	
Trichlorofluoromethane	BQL	0.00453	0.00093	1	8/5/2009	
1,2,3-Trichloropropane	BQL	0.00453	0.00112	1	8/5/2009	
1,2,4-Trimethylbenzene	BQL	0.00453	0.00114	1	8/5/2009	
1,3,5-Trimethylbenzene	BQL	0.00453	0.00103	1	8/5/2009	
Vinyl chloride	BQL	0.00453	0.00123	1	8/5/2009	
m-,p-Xylene	BQL	0.00906	0.00174	1	8/5/2009	
o-Xylene	BQL	0.00453	0.00088	1	8/5/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0576	115		
Toluene-d8		0.05	0.0505	101		
4-Bromofluorobenzene		0.05	0.047	94		

Comments:

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: 

Reviewed By: 

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-15 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-15A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 12:05
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.53 g
 %Solids: 86.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0442	0.00610	1	8/7/2009	
Benzene	BQL	0.00442	0.00095	1	8/7/2009	
Bromobenzene	BQL	0.00442	0.00091	1	8/7/2009	
Bromochloromethane	BQL	0.00442	0.00152	1	8/7/2009	
Bromodichloromethane	BQL	0.00442	0.00088	1	8/7/2009	
Bromoform	BQL	0.00442	0.00088	1	8/7/2009	
Bromomethane	BQL	0.00442	0.00093	1	8/7/2009	
2-Butanone	BQL	0.0221	0.00480	1	8/7/2009	
n-Butylbenzene	BQL	0.00442	0.00084	1	8/7/2009	
sec-Butylbenzene	BQL	0.00442	0.00089	1	8/7/2009	
tert-Butylbenzene	BQL	0.00442	0.00099	1	8/7/2009	
Carbon disulfide	BQL	0.00442	0.00237	1	8/7/2009	
Carbon tetrachloride	BQL	0.00442	0.00090	1	8/7/2009	
Chlorobenzene	BQL	0.00442	0.00105	1	8/7/2009	
Chloroethane	BQL	0.00442	0.00140	1	8/7/2009	
Chloroform	BQL	0.00442	0.00106	1	8/7/2009	
Chloromethane	BQL	0.00442	0.00100	1	8/7/2009	
2-Chlorotoluene	BQL	0.00442	0.00089	1	8/7/2009	
4-Chlorotoluene	BQL	0.00442	0.00110	1	8/7/2009	
Dibromochloromethane	BQL	0.00442	0.00122	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00442	0.00128	1	8/7/2009	
Dibromomethane	BQL	0.00442	0.00133	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00442	0.00100	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00442	0.00114	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00442	0.00113	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00442	0.00093	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00442	0.00122	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00442	0.00094	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00442	0.00131	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00442	0.00117	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00442	0.00113	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00442	0.00100	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00442	0.00104	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00442	0.00099	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00442	0.00106	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00442	0.00139	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00442	0.00074	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00442	0.00085	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00442	0.00117	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00442	0.00100	1	8/7/2009	
Ethylbenzene	BQL	0.00442	0.00077	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00442	0.00086	1	8/7/2009	
2-Hexanone	BQL	0.00442	0.00286	1	8/7/2009	
Iodomethane	BQL	0.00442	0.00095	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-15 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-15A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:05
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.53 g
%Solids: 86.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00442	0.00078	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00442	0.00095	1	8/7/2009	
Methylene chloride	0.00411	0.0177	0.00105	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00442	0.00409	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00442	0.00098	1	8/7/2009	
Naphthalene	BQL	0.00442	0.00075	1	8/7/2009	
n-Propyl benzene	BQL	0.00442	0.00111	1	8/7/2009	
Styrene	BQL	0.00442	0.00097	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00442	0.00090	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00442	0.00100	1	8/7/2009	
Tetrachloroethene	BQL	0.00442	0.00081	1	8/7/2009	
Toluene	BQL	0.00442	0.00088	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00442	0.00092	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00442	0.00091	1	8/7/2009	
Trichloroethene	BQL	0.00442	0.00084	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00442	0.00100	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00442	0.00145	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00442	0.00091	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00442	0.00110	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00442	0.00111	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00442	0.00101	1	8/7/2009	
Vinyl chloride	BQL	0.00442	0.00120	1	8/7/2009	
m-,p-Xylene	BQL	0.00883	0.00170	1	8/7/2009	
o-Xylene	BQL	0.00442	0.00086	1	8/7/2009	


	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0569	114
Toluene-d8	0.05	0.0499	100
4-Bromofluorobenzene	0.05	0.0488	98

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-16 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-16A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:10
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.57 g
%Solids: 87.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0515	0.00712	1	8/7/2009	
Benzene	BQL	0.00515	0.00110	1	8/7/2009	
Bromobenzene	BQL	0.00515	0.00106	1	8/7/2009	
Bromochloromethane	BQL	0.00515	0.00177	1	8/7/2009	
Bromodichloromethane	BQL	0.00515	0.00102	1	8/7/2009	
Bromoform	BQL	0.00515	0.00103	1	8/7/2009	
Bromomethane	BQL	0.00515	0.00108	1	8/7/2009	
2-Butanone	BQL	0.0257	0.00559	1	8/7/2009	
n-Butylbenzene	BQL	0.00515	0.00098	1	8/7/2009	
sec-Butylbenzene	BQL	0.00515	0.00104	1	8/7/2009	
tert-Butylbenzene	BQL	0.00515	0.00115	1	8/7/2009	
Carbon disulfide	BQL	0.00515	0.00276	1	8/7/2009	
Carbon tetrachloride	BQL	0.00515	0.00105	1	8/7/2009	
Chlorobenzene	BQL	0.00515	0.00123	1	8/7/2009	
Chloroethane	BQL	0.00515	0.00164	1	8/7/2009	
Chloroform	BQL	0.00515	0.00124	1	8/7/2009	
Chloromethane	BQL	0.00515	0.00116	1	8/7/2009	
2-Chlorotoluene	BQL	0.00515	0.00104	1	8/7/2009	
4-Chlorotoluene	BQL	0.00515	0.00129	1	8/7/2009	
Dibromochloromethane	BQL	0.00515	0.00142	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00515	0.00149	1	8/7/2009	
Dibromomethane	BQL	0.00515	0.00155	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00515	0.00116	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00515	0.00133	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00515	0.00132	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00515	0.00108	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00515	0.00142	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00515	0.00109	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00515	0.00152	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00515	0.00136	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00515	0.00132	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00515	0.00116	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00515	0.00122	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00515	0.00115	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00515	0.00124	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00515	0.00162	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00515	0.00086	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00515	0.00099	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00515	0.00136	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00515	0.00116	1	8/7/2009	
Ethylbenzene	BQL	0.00515	0.00089	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00515	0.00100	1	8/7/2009	
2-Hexanone	BQL	0.00515	0.00334	1	8/7/2009	
Iodomethane	BQL	0.00515	0.00111	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-16 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-16A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:10
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.57 g
% Solids: 87.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00515	0.00091	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00515	0.00110	1	8/7/2009	
Methylene chloride	0.00920	0.0206	0.00123	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00515	0.00477	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00515	0.00114	1	8/7/2009	
Naphthalene	BQL	0.00515	0.00088	1	8/7/2009	
n-Propyl benzene	BQL	0.00515	0.00130	1	8/7/2009	
Styrene	BQL	0.00515	0.00113	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00515	0.00105	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00515	0.00116	1	8/7/2009	
Tetrachloroethene	BQL	0.00515	0.00094	1	8/7/2009	
Toluene	BQL	0.00515	0.00103	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00515	0.00107	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00515	0.00106	1	8/7/2009	
Trichloroethene	BQL	0.00515	0.00098	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00515	0.00116	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00515	0.00169	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00515	0.00106	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00515	0.00128	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00515	0.00130	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00515	0.00117	1	8/7/2009	
Vinyl chloride	BQL	0.00515	0.00140	1	8/7/2009	
m-,p-Xylene	BQL	0.0103	0.00198	1	8/7/2009	
o-Xylene	BQL	0.00515	0.00100	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0583	117		
Toluene-d8		0.05	0.0506	101		
4-Bromofluorobenzene		0.05	0.0486	97		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-17 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-17A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 12:15
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.13 g
 %Solids: 83.6

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.00939	0.0487	0.00673	1	8/7/2009	J
Benzene	BQL	0.00487	0.00104	1	8/7/2009	
Bromobenzene	BQL	0.00487	0.00100	1	8/7/2009	
Bromochloromethane	BQL	0.00487	0.00167	1	8/7/2009	
Bromodichloromethane	BQL	0.00487	0.00097	1	8/7/2009	
Bromoform	BQL	0.00487	0.00097	1	8/7/2009	
Bromomethane	BQL	0.00487	0.00102	1	8/7/2009	
2-Butanone	BQL	0.0243	0.00529	1	8/7/2009	
n-Butylbenzene	BQL	0.00487	0.00093	1	8/7/2009	
sec-Butylbenzene	BQL	0.00487	0.00098	1	8/7/2009	
tert-Butylbenzene	BQL	0.00487	0.00109	1	8/7/2009	
Carbon disulfide	BQL	0.00487	0.00261	1	8/7/2009	
Carbon tetrachloride	BQL	0.00487	0.00099	1	8/7/2009	
Chlorobenzene	BQL	0.00487	0.00116	1	8/7/2009	
Chloroethane	BQL	0.00487	0.00155	1	8/7/2009	
Chloroform	BQL	0.00487	0.00117	1	8/7/2009	
Chloromethane	BQL	0.00487	0.00110	1	8/7/2009	
2-Chlorotoluene	BQL	0.00487	0.00098	1	8/7/2009	
4-Chlorotoluene	BQL	0.00487	0.00122	1	8/7/2009	
Dibromochloromethane	BQL	0.00487	0.00134	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00487	0.00141	1	8/7/2009	
Dibromomethane	BQL	0.00487	0.00147	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00487	0.00110	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00487	0.00126	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00487	0.00125	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00487	0.00102	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00487	0.00134	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00487	0.00103	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00487	0.00144	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00487	0.00129	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00487	0.00125	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00487	0.00110	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00487	0.00115	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00487	0.00109	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00487	0.00117	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00487	0.00153	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00487	0.00081	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00487	0.00094	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00487	0.00129	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00487	0.00110	1	8/7/2009	
Ethylbenzene	BQL	0.00487	0.00084	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00487	0.00095	1	8/7/2009	
2-Hexanone	BQL	0.00487	0.00315	1	8/7/2009	
Iodomethane	BQL	0.00487	0.00105	1	8/7/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-17 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-17A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

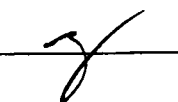
Analyzed By: MJC
 Date Collected: 07-30-2009 12:15
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.13 g
 %Solids: 83.6


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00487	0.00087	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00487	0.00104	1	8/7/2009	
Methylene chloride	0.00653	0.0195	0.00116	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00487	0.00451	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00487	0.00108	1	8/7/2009	
Naphthalene	BQL	0.00487	0.00083	1	8/7/2009	
n-Propyl benzene	BQL	0.00487	0.00123	1	8/7/2009	
Styrene	BQL	0.00487	0.00107	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00487	0.00099	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00487	0.00110	1	8/7/2009	
Tetrachloroethene	BQL	0.00487	0.00089	1	8/7/2009	
Toluene	BQL	0.00487	0.00097	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00487	0.00101	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00487	0.00100	1	8/7/2009	
Trichloroethene	BQL	0.00487	0.00093	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00487	0.00110	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00487	0.00160	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00487	0.00100	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00487	0.00121	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00487	0.00123	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00487	0.00111	1	8/7/2009	
Vinyl chloride	BQL	0.00487	0.00132	1	8/7/2009	
m-,p-Xylene	BQL	0.00974	0.00187	1	8/7/2009	
o-Xylene	BQL	0.00487	0.00094	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0579	116		
Toluene-d8		0.05	0.0504	101		
4-Bromofluorobenzene		0.05	0.0488	98		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-18 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-18A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:30
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.03 g
%Solids: 76.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0179	0.0540	0.00746	1	8/7/2009	J
Benzene	BQL	0.00540	0.00116	1	8/7/2009	
Bromobenzene	BQL	0.00540	0.00111	1	8/7/2009	
Bromochloromethane	BQL	0.00540	0.00186	1	8/7/2009	
Bromodichloromethane	BQL	0.00540	0.00107	1	8/7/2009	
Bromoform	BQL	0.00540	0.00108	1	8/7/2009	
Bromomethane	BQL	0.00540	0.00113	1	8/7/2009	
2-Butanone	BQL	0.0270	0.00586	1	8/7/2009	
n-Butylbenzene	BQL	0.00540	0.00103	1	8/7/2009	
sec-Butylbenzene	BQL	0.00540	0.00109	1	8/7/2009	
tert-Butylbenzene	BQL	0.00540	0.00121	1	8/7/2009	
Carbon disulfide	BQL	0.00540	0.00289	1	8/7/2009	
Carbon tetrachloride	BQL	0.00540	0.00110	1	8/7/2009	
Chlorobenzene	BQL	0.00540	0.00128	1	8/7/2009	
Chloroethane	BQL	0.00540	0.00172	1	8/7/2009	
Chloroform	BQL	0.00540	0.00130	1	8/7/2009	
Chloromethane	BQL	0.00540	0.00122	1	8/7/2009	
2-Chlorotoluene	BQL	0.00540	0.00109	1	8/7/2009	
4-Chlorotoluene	BQL	0.00540	0.00135	1	8/7/2009	
Dibromochloromethane	BQL	0.00540	0.00149	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00540	0.00157	1	8/7/2009	
Dibromomethane	BQL	0.00540	0.00163	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00540	0.00122	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00540	0.00139	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00540	0.00138	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00540	0.00113	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00540	0.00149	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00540	0.00114	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00540	0.00160	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00540	0.00143	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00540	0.00138	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00540	0.00122	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00540	0.00127	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00540	0.00121	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00540	0.00130	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00540	0.00169	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00540	0.00090	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00540	0.00104	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00540	0.00143	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00540	0.00122	1	8/7/2009	
Ethylbenzene	BQL	0.00540	0.00094	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00540	0.00105	1	8/7/2009	
2-Hexanone	BQL	0.00540	0.00350	1	8/7/2009	
Iodomethane	BQL	0.00540	0.00117	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-19 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-19A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:35
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.09 g
% Solids: 81.1

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0506	0.00699	1	8/7/2009	
Benzene	BQL	0.00506	0.00108	1	8/7/2009	
Bromobenzene	BQL	0.00506	0.00104	1	8/7/2009	
Bromochloromethane	BQL	0.00506	0.00174	1	8/7/2009	
Bromodichloromethane	BQL	0.00506	0.00100	1	8/7/2009	
Bromoform	BQL	0.00506	0.00101	1	8/7/2009	
Bromomethane	BQL	0.00506	0.00106	1	8/7/2009	
2-Butanone	BQL	0.0253	0.00550	1	8/7/2009	
n-Butylbenzene	BQL	0.00506	0.00097	1	8/7/2009	
sec-Butylbenzene	BQL	0.00506	0.00102	1	8/7/2009	
tert-Butylbenzene	BQL	0.00506	0.00113	1	8/7/2009	
Carbon disulfide	BQL	0.00506	0.00271	1	8/7/2009	
Carbon tetrachloride	BQL	0.00506	0.00103	1	8/7/2009	
Chlorobenzene	BQL	0.00506	0.00120	1	8/7/2009	
Chloroethane	BQL	0.00506	0.00161	1	8/7/2009	
Chloroform	BQL	0.00506	0.00121	1	8/7/2009	
Chloromethane	BQL	0.00506	0.00114	1	8/7/2009	
2-Chlorotoluene	BQL	0.00506	0.00102	1	8/7/2009	
4-Chlorotoluene	BQL	0.00506	0.00127	1	8/7/2009	
Dibromochloromethane	BQL	0.00506	0.00140	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00506	0.00147	1	8/7/2009	
Dibromomethane	BQL	0.00506	0.00153	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00506	0.00114	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00506	0.00131	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00506	0.00130	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00506	0.00106	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00506	0.00140	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00506	0.00107	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00506	0.00150	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00506	0.00134	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00506	0.00130	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00506	0.00114	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00506	0.00119	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00506	0.00113	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00506	0.00121	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00506	0.00159	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00506	0.00084	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00506	0.00098	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00506	0.00134	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00506	0.00114	1	8/7/2009	
Ethylbenzene	BQL	0.00506	0.00088	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00506	0.00099	1	8/7/2009	
2-Hexanone	BQL	0.00506	0.00328	1	8/7/2009	
Iodomethane	BQL	0.00506	0.00109	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-20 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-20A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:40
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.44 g
% Solids: 82.8

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0178	0.0469	0.00648	1	8/7/2009	J
Benzene	BQL	0.00469	0.00100	1	8/7/2009	
Bromobenzene	BQL	0.00469	0.00097	1	8/7/2009	
Bromochloromethane	BQL	0.00469	0.00161	1	8/7/2009	
Bromodichloromethane	BQL	0.00469	0.00093	1	8/7/2009	
Bromoform	BQL	0.00469	0.00094	1	8/7/2009	
Bromomethane	BQL	0.00469	0.00098	1	8/7/2009	
2-Butanone	BQL	0.0234	0.00509	1	8/7/2009	
n-Butylbenzene	BQL	0.00469	0.00090	1	8/7/2009	
sec-Butylbenzene	BQL	0.00469	0.00095	1	8/7/2009	
tert-Butylbenzene	BQL	0.00469	0.00105	1	8/7/2009	
Carbon disulfide	BQL	0.00469	0.00251	1	8/7/2009	
Carbon tetrachloride	BQL	0.00469	0.00096	1	8/7/2009	
Chlorobenzene	BQL	0.00469	0.00112	1	8/7/2009	
Chloroethane	BQL	0.00469	0.00149	1	8/7/2009	
Chloroform	BQL	0.00469	0.00112	1	8/7/2009	
Chloromethane	BQL	0.00469	0.00106	1	8/7/2009	
2-Chlorotoluene	BQL	0.00469	0.00095	1	8/7/2009	
4-Chlorotoluene	BQL	0.00469	0.00117	1	8/7/2009	
Dibromochloromethane	BQL	0.00469	0.00129	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00469	0.00136	1	8/7/2009	
Dibromomethane	BQL	0.00469	0.00142	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00469	0.00106	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00469	0.00121	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00469	0.00120	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00469	0.00098	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00469	0.00129	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00469	0.00099	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00469	0.00139	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00469	0.00124	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00469	0.00120	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00469	0.00106	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00469	0.00111	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00469	0.00105	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00469	0.00112	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00469	0.00147	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00469	0.00078	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00469	0.00090	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00469	0.00124	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00469	0.00106	1	8/7/2009	
Ethylbenzene	BQL	0.00469	0.00081	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00469	0.00091	1	8/7/2009	
2-Hexanone	BQL	0.00469	0.00304	1	8/7/2009	
Iodomethane	BQL	0.00469	0.00101	1	8/7/2009	

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-20 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-20A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 12:40
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.44 g
 %Solids: 82.8

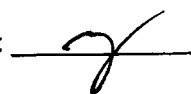
Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00469	0.00083	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00469	0.00100	1	8/7/2009	
Methylene chloride	0.00606	0.0187	0.00112	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00469	0.00434	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00469	0.00104	1	8/7/2009	
Naphthalene	BQL	0.00469	0.00080	1	8/7/2009	
n-Propyl benzene	BQL	0.00469	0.00118	1	8/7/2009	
Styrene	BQL	0.00469	0.00103	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00469	0.00096	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00469	0.00106	1	8/7/2009	
Tetrachloroethene	BQL	0.00469	0.00086	1	8/7/2009	
Toluene	BQL	0.00469	0.00094	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00469	0.00098	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00469	0.00097	1	8/7/2009	
Trichloroethene	BQL	0.00469	0.00089	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00469	0.00106	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00469	0.00154	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00469	0.00097	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00469	0.00116	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00469	0.00118	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00469	0.00107	1	8/7/2009	
Vinyl chloride	BQL	0.00469	0.00127	1	8/7/2009	
m-,p-Xylene	BQL	0.00937	0.00180	1	8/7/2009	
o-Xylene	BQL	0.00469	0.00091	1	8/7/2009	


	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	0.05	0.0575	115
Toluene-d8	0.05	0.0502	100
4-Bromofluorobenzene	0.05	0.0495	99

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-21 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-21A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 12:45
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.11 g
% Solids: 79.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0187	0.0513	0.00709	1	8/7/2009	J
Benzene	BQL	0.00513	0.00110	1	8/7/2009	
Bromobenzene	BQL	0.00513	0.00106	1	8/7/2009	
Bromochloromethane	BQL	0.00513	0.00176	1	8/7/2009	
Bromodichloromethane	BQL	0.00513	0.00102	1	8/7/2009	
Bromoform	BQL	0.00513	0.00103	1	8/7/2009	
Bromomethane	BQL	0.00513	0.00108	1	8/7/2009	
2-Butanone	BQL	0.0256	0.00557	1	8/7/2009	
n-Butylbenzene	BQL	0.00513	0.00098	1	8/7/2009	
sec-Butylbenzene	BQL	0.00513	0.00104	1	8/7/2009	
tert-Butylbenzene	BQL	0.00513	0.00115	1	8/7/2009	
Carbon disulfide	BQL	0.00513	0.00275	1	8/7/2009	
Carbon tetrachloride	BQL	0.00513	0.00105	1	8/7/2009	
Chlorobenzene	BQL	0.00513	0.00122	1	8/7/2009	
Chloroethane	BQL	0.00513	0.00163	1	8/7/2009	
Chloroform	BQL	0.00513	0.00123	1	8/7/2009	
Chloromethane	BQL	0.00513	0.00116	1	8/7/2009	
2-Chlorotoluene	BQL	0.00513	0.00104	1	8/7/2009	
4-Chlorotoluene	BQL	0.00513	0.00128	1	8/7/2009	
Dibromochloromethane	BQL	0.00513	0.00141	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00513	0.00149	1	8/7/2009	
Dibromomethane	BQL	0.00513	0.00155	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00513	0.00116	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00513	0.00132	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00513	0.00131	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00513	0.00108	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00513	0.00141	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00513	0.00109	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00513	0.00152	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00513	0.00135	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00513	0.00131	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00513	0.00116	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00513	0.00121	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00513	0.00115	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00513	0.00123	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00513	0.00161	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00513	0.00085	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00513	0.00099	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00513	0.00135	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00513	0.00116	1	8/7/2009	
Ethylbenzene	BQL	0.00513	0.00089	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00513	0.00100	1	8/7/2009	
2-Hexanone	BQL	0.00513	0.00332	1	8/7/2009	
Iodomethane	BQL	0.00513	0.00111	1	8/7/2009	

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-21 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-21A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

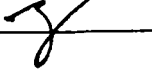
Analyzed By: MJC
 Date Collected: 07-30-2009 12:45
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.11 g
 %Solids: 79.7


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00513	0.00091	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00513	0.00110	1	8/7/2009	
Methylene chloride	0.00558	0.0205	0.00122	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00513	0.00475	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00513	0.00114	1	8/7/2009	
Naphthalene	BQL	0.00513	0.00087	1	8/7/2009	
n-Propyl benzene	BQL	0.00513	0.00129	1	8/7/2009	
Styrene	BQL	0.00513	0.00113	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00513	0.00105	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00513	0.00116	1	8/7/2009	
Tetrachloroethene	BQL	0.00513	0.00094	1	8/7/2009	
Toluene	BQL	0.00513	0.00102	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00513	0.00107	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00513	0.00106	1	8/7/2009	
Trichloroethene	BQL	0.00513	0.00098	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00513	0.00116	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00513	0.00168	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00513	0.00106	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00513	0.00127	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00513	0.00129	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00513	0.00117	1	8/7/2009	
Vinyl chloride	BQL	0.00513	0.00139	1	8/7/2009	
m-,p-Xylene	BQL	0.0103	0.00197	1	8/7/2009	
o-Xylene	BQL	0.00513	0.00099	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0572	114		
Toluene-d8		0.05	0.0506	101		
4-Bromofluorobenzene		0.05	0.0496	99		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-22 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-22A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:15
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.19 g
% Solids: 84.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0117	0.0476	0.00658	1	8/7/2009	J
Benzene	BQL	0.00476	0.00102	1	8/7/2009	
Bromobenzene	BQL	0.00476	0.00098	1	8/7/2009	
Bromochloromethane	BQL	0.00476	0.00164	1	8/7/2009	
Bromodichloromethane	BQL	0.00476	0.00095	1	8/7/2009	
Bromoform	BQL	0.00476	0.00095	1	8/7/2009	
Bromomethane	BQL	0.00476	0.00100	1	8/7/2009	
2-Butanone	BQL	0.0238	0.00517	1	8/7/2009	
n-Butylbenzene	BQL	0.00476	0.00091	1	8/7/2009	
sec-Butylbenzene	BQL	0.00476	0.00096	1	8/7/2009	
tert-Butylbenzene	BQL	0.00476	0.00107	1	8/7/2009	
Carbon disulfide	BQL	0.00476	0.00255	1	8/7/2009	
Carbon tetrachloride	BQL	0.00476	0.00097	1	8/7/2009	
Chlorobenzene	BQL	0.00476	0.00113	1	8/7/2009	
Chloroethane	BQL	0.00476	0.00151	1	8/7/2009	
Chloroform	BQL	0.00476	0.00114	1	8/7/2009	
Chloromethane	BQL	0.00476	0.00108	1	8/7/2009	
2-Chlorotoluene	BQL	0.00476	0.00096	1	8/7/2009	
4-Chlorotoluene	BQL	0.00476	0.00119	1	8/7/2009	
Dibromochloromethane	BQL	0.00476	0.00131	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00476	0.00138	1	8/7/2009	
Dibromomethane	BQL	0.00476	0.00144	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00476	0.00108	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00476	0.00123	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00476	0.00122	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00476	0.00100	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00476	0.00131	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00476	0.00101	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00476	0.00141	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00476	0.00126	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00476	0.00122	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00476	0.00108	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00476	0.00112	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00476	0.00107	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00476	0.00114	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00476	0.00150	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00476	0.00079	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00476	0.00092	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00476	0.00126	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00476	0.00108	1	8/7/2009	
Ethylbenzene	BQL	0.00476	0.00083	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00476	0.00093	1	8/7/2009	
2-Hexanone	BQL	0.00476	0.00309	1	8/7/2009	
Iodomethane	BQL	0.00476	0.00103	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-22 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-22A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:15
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.19 g
%Solids: 84.7

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00476	0.00085	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00476	0.00102	1	8/7/2009	
Methylene chloride	0.0138	0.0191	0.00113	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00476	0.00441	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00476	0.00106	1	8/7/2009	
Naphthalene	BQL	0.00476	0.00081	1	8/7/2009	
n-Propyl benzene	BQL	0.00476	0.00120	1	8/7/2009	
Styrene	BQL	0.00476	0.00105	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00476	0.00097	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00476	0.00108	1	8/7/2009	
Tetrachloroethene	BQL	0.00476	0.00087	1	8/7/2009	
Toluene	BQL	0.00476	0.00095	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00476	0.00099	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00476	0.00098	1	8/7/2009	
Trichloroethene	BQL	0.00476	0.00091	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00476	0.00108	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00476	0.00156	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00476	0.00098	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00476	0.00118	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00476	0.00120	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00476	0.00109	1	8/7/2009	
Vinyl chloride	BQL	0.00476	0.00130	1	8/7/2009	
m-,p-Xylene	BQL	0.00953	0.00183	1	8/7/2009	
o-Xylene	BQL	0.00476	0.00092	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0574	115		
Toluene-d8		0.05	0.0505	101		
4-Bromofluorobenzene		0.05	0.05	100		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 3

Reviewed By: MJC

SGS North America, Inc.

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-23 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-23A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 13:20
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 6.17 g
 %Solids: 83.0

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0487	0.00674	1	8/7/2009	
Benzene	BQL	0.00487	0.00104	1	8/7/2009	
Bromobenzene	BQL	0.00487	0.00100	1	8/7/2009	
Bromochloromethane	BQL	0.00487	0.00168	1	8/7/2009	
Bromodichloromethane	BQL	0.00487	0.00097	1	8/7/2009	
Bromoform	BQL	0.00487	0.00098	1	8/7/2009	
Bromomethane	BQL	0.00487	0.00102	1	8/7/2009	
2-Butanone	BQL	0.0244	0.00529	1	8/7/2009	
n-Butylbenzene	BQL	0.00487	0.00093	1	8/7/2009	
sec-Butylbenzene	BQL	0.00487	0.00099	1	8/7/2009	
tert-Butylbenzene	BQL	0.00487	0.00109	1	8/7/2009	
Carbon disulfide	BQL	0.00487	0.00261	1	8/7/2009	
Carbon tetrachloride	BQL	0.00487	0.00099	1	8/7/2009	
Chlorobenzene	BQL	0.00487	0.00116	1	8/7/2009	
Chloroethane	BQL	0.00487	0.00155	1	8/7/2009	
Chloroform	BQL	0.00487	0.00117	1	8/7/2009	
Chloromethane	BQL	0.00487	0.00110	1	8/7/2009	
2-Chlorotoluene	BQL	0.00487	0.00099	1	8/7/2009	
4-Chlorotoluene	BQL	0.00487	0.00122	1	8/7/2009	
Dibromochloromethane	BQL	0.00487	0.00135	1	8/7/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00487	0.00141	1	8/7/2009	
Dibromomethane	BQL	0.00487	0.00147	1	8/7/2009	
1,2-Dibromoethane (EDB)	BQL	0.00487	0.00110	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.00487	0.00126	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.00487	0.00125	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.00487	0.00102	1	8/7/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00487	0.00135	1	8/7/2009	
1,1-Dichloroethane	BQL	0.00487	0.00103	1	8/7/2009	
1,1-Dichloroethene	BQL	0.00487	0.00144	1	8/7/2009	
1,2-Dichloroethane	BQL	0.00487	0.00129	1	8/7/2009	
cis-1,2-Dichloroethene	BQL	0.00487	0.00125	1	8/7/2009	
trans-1,2-dichloroethene	BQL	0.00487	0.00110	1	8/7/2009	
1,2-Dichloropropane	BQL	0.00487	0.00115	1	8/7/2009	
1,3-Dichloropropane	BQL	0.00487	0.00109	1	8/7/2009	
2,2-Dichloropropane	BQL	0.00487	0.00117	1	8/7/2009	
1,1-Dichloropropene	BQL	0.00487	0.00153	1	8/7/2009	
cis-1,3-Dichloropropene	BQL	0.00487	0.00081	1	8/7/2009	
trans-1,3-Dichloropropene	BQL	0.00487	0.00094	1	8/7/2009	
Dichlorodifluoromethane	BQL	0.00487	0.00129	1	8/7/2009	
Diisopropyl ether (DIPE)	BQL	0.00487	0.00110	1	8/7/2009	
Ethylbenzene	BQL	0.00487	0.00084	1	8/7/2009	
Hexachlorobutadiene	BQL	0.00487	0.00095	1	8/7/2009	
2-Hexanone	BQL	0.00487	0.00316	1	8/7/2009	
Iodomethane	BQL	0.00487	0.00105	1	8/7/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-23 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-23A
Lab Project ID: G128-2427
Report Basis: Dry Weight

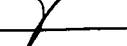
Analyzed By: MJC
Date Collected: 07-30-2009 13:20
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 6.17 g
%Solids: 83.0


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00487	0.00087	1	8/7/2009	
4-Isopropyltoluene	BQL	0.00487	0.00104	1	8/7/2009	
Methylene chloride	0.00554	0.0195	0.00116	1	8/7/2009	J
4-Methyl-2-pentanone	BQL	0.00487	0.00451	1	8/7/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00487	0.00108	1	8/7/2009	
Naphthalene	BQL	0.00487	0.00083	1	8/7/2009	
n-Propyl benzene	BQL	0.00487	0.00123	1	8/7/2009	
Styrene	BQL	0.00487	0.00107	1	8/7/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00487	0.00099	1	8/7/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00487	0.00110	1	8/7/2009	
Tetrachloroethene	BQL	0.00487	0.00089	1	8/7/2009	
Toluene	BQL	0.00487	0.00097	1	8/7/2009	
1,2,3-Trichlorobenzene	BQL	0.00487	0.00101	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.00487	0.00100	1	8/7/2009	
Trichloroethene	BQL	0.00487	0.00093	1	8/7/2009	
1,1,1-Trichloroethane	BQL	0.00487	0.00110	1	8/7/2009	
1,1,2-Trichloroethane	BQL	0.00487	0.00160	1	8/7/2009	
Trichlorofluoromethane	BQL	0.00487	0.00100	1	8/7/2009	
1,2,3-Trichloropropane	BQL	0.00487	0.00121	1	8/7/2009	
1,2,4-Trimethylbenzene	BQL	0.00487	0.00123	1	8/7/2009	
1,3,5-Trimethylbenzene	BQL	0.00487	0.00111	1	8/7/2009	
Vinyl chloride	BQL	0.00487	0.00133	1	8/7/2009	
m-,p-Xylene	BQL	0.00975	0.00187	1	8/7/2009	
o-Xylene	BQL	0.00487	0.00095	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
		0.05	0.0582	116		
		0.05	0.0509	102		
		0.05	0.0492	98		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-24 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-24B
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:25
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.55 g
%Solids: 84.6

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.00961	0.0533	0.00736	1	8/8/2009	J
Benzene	BQL	0.00533	0.00114	1	8/8/2009	
Bromobenzene	BQL	0.00533	0.00110	1	8/8/2009	
Bromochloromethane	BQL	0.00533	0.00183	1	8/8/2009	
Bromodichloromethane	BQL	0.00533	0.00106	1	8/8/2009	
Bromoform	BQL	0.00533	0.00107	1	8/8/2009	
Bromomethane	BQL	0.00533	0.00112	1	8/8/2009	
2-Butanone	BQL	0.0266	0.00579	1	8/8/2009	
n-Butylbenzene	BQL	0.00533	0.00102	1	8/8/2009	
sec-Butylbenzene	BQL	0.00533	0.00108	1	8/8/2009	
tert-Butylbenzene	BQL	0.00533	0.00119	1	8/8/2009	
Carbon disulfide	BQL	0.00533	0.00286	1	8/8/2009	
Carbon tetrachloride	BQL	0.00533	0.00109	1	8/8/2009	
Chlorobenzene	BQL	0.00533	0.00127	1	8/8/2009	
Chloroethane	BQL	0.00533	0.00169	1	8/8/2009	
Chloroform	BQL	0.00533	0.00128	1	8/8/2009	
Chloromethane	BQL	0.00533	0.00120	1	8/8/2009	
2-Chlorotoluene	BQL	0.00533	0.00108	1	8/8/2009	
4-Chlorotoluene	BQL	0.00533	0.00133	1	8/8/2009	
Dibromochloromethane	BQL	0.00533	0.00147	1	8/8/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00533	0.00154	1	8/8/2009	
Dibromomethane	BQL	0.00533	0.00161	1	8/8/2009	
1,2-Dibromoethane (EDB)	BQL	0.00533	0.00120	1	8/8/2009	
1,2-Dichlorobenzene	BQL	0.00533	0.00137	1	8/8/2009	
1,3-Dichlorobenzene	BQL	0.00533	0.00136	1	8/8/2009	
1,4-Dichlorobenzene	BQL	0.00533	0.00112	1	8/8/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00533	0.00147	1	8/8/2009	
1,1-Dichloroethane	BQL	0.00533	0.00113	1	8/8/2009	
1,1-Dichloroethene	BQL	0.00533	0.00158	1	8/8/2009	
1,2-Dichloroethane	BQL	0.00533	0.00141	1	8/8/2009	
cis-1,2-Dichloroethene	BQL	0.00533	0.00136	1	8/8/2009	
trans-1,2-dichloroethene	BQL	0.00533	0.00120	1	8/8/2009	
1,2-Dichloropropane	BQL	0.00533	0.00126	1	8/8/2009	
1,3-Dichloropropane	BQL	0.00533	0.00119	1	8/8/2009	
2,2-Dichloropropane	BQL	0.00533	0.00128	1	8/8/2009	
1,1-Dichloropropene	BQL	0.00533	0.00167	1	8/8/2009	
cis-1,3-Dichloropropene	BQL	0.00533	0.00089	1	8/8/2009	
trans-1,3-Dichloropropene	BQL	0.00533	0.00103	1	8/8/2009	
Dichlorodifluoromethane	BQL	0.00533	0.00141	1	8/8/2009	
Diisopropyl ether (DIPE)	BQL	0.00533	0.00120	1	8/8/2009	
Ethylbenzene	BQL	0.00533	0.00092	1	8/8/2009	
Hexachlorobutadiene	BQL	0.00533	0.00104	1	8/8/2009	
2-Hexanone	BQL	0.00533	0.00345	1	8/8/2009	
Iodomethane	BQL	0.00533	0.00115	1	8/8/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-25 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-25B
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:30
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 5.67 g
% Solids: 84.6

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	0.0521	0.00719	1	8/8/2009	
Benzene	BQL	0.00521	0.00111	1	8/8/2009	
Bromobenzene	BQL	0.00521	0.00107	1	8/8/2009	
Bromochloromethane	BQL	0.00521	0.00179	1	8/8/2009	
Bromodichloromethane	BQL	0.00521	0.00103	1	8/8/2009	
Bromoform	BQL	0.00521	0.00104	1	8/8/2009	
Bromomethane	BQL	0.00521	0.00109	1	8/8/2009	
2-Butanone	BQL	0.0260	0.00565	1	8/8/2009	
n-Butylbenzene	BQL	0.00521	0.00099	1	8/8/2009	
sec-Butylbenzene	BQL	0.00521	0.00105	1	8/8/2009	
tert-Butylbenzene	BQL	0.00521	0.00117	1	8/8/2009	
Carbon disulfide	BQL	0.00521	0.00279	1	8/8/2009	
Carbon tetrachloride	BQL	0.00521	0.00106	1	8/8/2009	
Chlorobenzene	BQL	0.00521	0.00124	1	8/8/2009	
Chloroethane	BQL	0.00521	0.00166	1	8/8/2009	
Chloroform	BQL	0.00521	0.00125	1	8/8/2009	
Chloromethane	BQL	0.00521	0.00118	1	8/8/2009	
2-Chlorotoluene	BQL	0.00521	0.00105	1	8/8/2009	
4-Chlorotoluene	BQL	0.00521	0.00130	1	8/8/2009	
Dibromochloromethane	BQL	0.00521	0.00144	1	8/8/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00521	0.00151	1	8/8/2009	
Dibromomethane	BQL	0.00521	0.00157	1	8/8/2009	
1,2-Dibromoethane (EDB)	BQL	0.00521	0.00118	1	8/8/2009	
1,2-Dichlorobenzene	BQL	0.00521	0.00134	1	8/8/2009	
1,3-Dichlorobenzene	BQL	0.00521	0.00133	1	8/8/2009	
1,4-Dichlorobenzene	BQL	0.00521	0.00109	1	8/8/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00521	0.00144	1	8/8/2009	
1,1-Dichloroethane	BQL	0.00521	0.00110	1	8/8/2009	
1,1-Dichloroethene	BQL	0.00521	0.00154	1	8/8/2009	
1,2-Dichloroethane	BQL	0.00521	0.00137	1	8/8/2009	
cis-1,2-Dichloroethene	BQL	0.00521	0.00133	1	8/8/2009	
trans-1,2-dichloroethene	BQL	0.00521	0.00118	1	8/8/2009	
1,2-Dichloropropane	BQL	0.00521	0.00123	1	8/8/2009	
1,3-Dichloropropane	BQL	0.00521	0.00117	1	8/8/2009	
2,2-Dichloropropane	BQL	0.00521	0.00125	1	8/8/2009	
1,1-Dichloropropene	BQL	0.00521	0.00163	1	8/8/2009	
cis-1,3-Dichloropropene	BQL	0.00521	0.00087	1	8/8/2009	
trans-1,3-Dichloropropene	BQL	0.00521	0.00100	1	8/8/2009	
Dichlorodifluoromethane	BQL	0.00521	0.00137	1	8/8/2009	
Diisopropyl ether (DIPE)	BQL	0.00521	0.00118	1	8/8/2009	
Ethylbenzene	BQL	0.00521	0.00090	1	8/8/2009	
Hexachlorobutadiene	BQL	0.00521	0.00102	1	8/8/2009	
2-Hexanone	BQL	0.00521	0.00337	1	8/8/2009	
Iodomethane	BQL	0.00521	0.00112	1	8/8/2009	

**Results for Volatiles
by GCMS 8260-5030**

Client Sample ID: DPT/HA-26 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID G128-2427-26A
 Lab Project ID: G128-2427
 Report Basis: Dry Weight

Analyzed By: MJC
 Date Collected: 07-30-2009 13:35
 Date Received: 7/30/2009
 Matrix: Soil
 Sample Amount: 4.36 g
 % Solids: 60.8

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0737	0.0943	0.0130	1	8/8/2009	J
Benzene	BQL	0.00943	0.00202	1	8/8/2009	
Bromobenzene	BQL	0.00943	0.00194	1	8/8/2009	
Bromochloromethane	BQL	0.00943	0.00325	1	8/8/2009	
Bromodichloromethane	BQL	0.00943	0.00187	1	8/8/2009	
Bromoform	BQL	0.00943	0.00189	1	8/8/2009	
Bromomethane	BQL	0.00943	0.00198	1	8/8/2009	
2-Butanone	BQL	0.0472	0.0102	1	8/8/2009	
n-Butylbenzene	BQL	0.00943	0.00180	1	8/8/2009	
sec-Butylbenzene	BQL	0.00943	0.00191	1	8/8/2009	
tert-Butylbenzene	BQL	0.00943	0.00211	1	8/8/2009	
Carbon disulfide	BQL	0.00943	0.00506	1	8/8/2009	
Carbon tetrachloride	BQL	0.00943	0.00192	1	8/8/2009	
Chlorobenzene	BQL	0.00943	0.00225	1	8/8/2009	
Chloroethane	BQL	0.00943	0.00300	1	8/8/2009	
Chloroform	BQL	0.00943	0.00226	1	8/8/2009	
Chloromethane	BQL	0.00943	0.00213	1	8/8/2009	
2-Chlorotoluene	BQL	0.00943	0.00191	1	8/8/2009	
4-Chlorotoluene	BQL	0.00943	0.00236	1	8/8/2009	
Dibromochloromethane	BQL	0.00943	0.00260	1	8/8/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00943	0.00274	1	8/8/2009	
Dibromomethane	BQL	0.00943	0.00285	1	8/8/2009	
1,2-Dibromoethane (EDB)	BQL	0.00943	0.00213	1	8/8/2009	
1,2-Dichlorobenzene	BQL	0.00943	0.00243	1	8/8/2009	
1,3-Dichlorobenzene	BQL	0.00943	0.00242	1	8/8/2009	
1,4-Dichlorobenzene	BQL	0.00943	0.00198	1	8/8/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00943	0.00260	1	8/8/2009	
1,1-Dichloroethane	BQL	0.00943	0.00200	1	8/8/2009	
1,1-Dichloroethene	BQL	0.00943	0.00279	1	8/8/2009	
1,2-Dichloroethane	BQL	0.00943	0.00249	1	8/8/2009	
cis-1,2-Dichloroethene	BQL	0.00943	0.00242	1	8/8/2009	
trans-1,2-dichloroethene	BQL	0.00943	0.00213	1	8/8/2009	
1,2-Dichloropropane	BQL	0.00943	0.00223	1	8/8/2009	
1,3-Dichloropropane	BQL	0.00943	0.00211	1	8/8/2009	
2,2-Dichloropropane	BQL	0.00943	0.00226	1	8/8/2009	
1,1-Dichloropropene	BQL	0.00943	0.00296	1	8/8/2009	
cis-1,3-Dichloropropene	BQL	0.00943	0.00157	1	8/8/2009	
trans-1,3-Dichloropropene	BQL	0.00943	0.00182	1	8/8/2009	
Dichlorodifluoromethane	BQL	0.00943	0.00249	1	8/8/2009	
Diisopropyl ether (DIPE)	BQL	0.00943	0.00213	1	8/8/2009	
Ethylbenzene	BQL	0.00943	0.00163	1	8/8/2009	
Hexachlorobutadiene	BQL	0.00943	0.00184	1	8/8/2009	
2-Hexanone	BQL	0.00943	0.00611	1	8/8/2009	
Iodomethane	BQL	0.00943	0.00204	1	8/8/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-26 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-26A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:35
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 4.36 g
% Solids: 60.8


Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	0.00943	0.00168	1	8/8/2009	
4-Isopropyltoluene	BQL	0.00943	0.00202	1	8/8/2009	
Methylene chloride	0.00262	0.0377	0.00225	1	8/8/2009	J
4-Methyl-2-pentanone	BQL	0.00943	0.00874	1	8/8/2009	
Methyl-tert-butyl ether (MTBE)	BQL	0.00943	0.00209	1	8/8/2009	
Naphthalene	BQL	0.00943	0.00160	1	8/8/2009	
n-Propyl benzene	BQL	0.00943	0.00238	1	8/8/2009	
Styrene	BQL	0.00943	0.00208	1	8/8/2009	
1,1,1,2-Tetrachloroethane	BQL	0.00943	0.00192	1	8/8/2009	
1,1,2,2-Tetrachloroethane	BQL	0.00943	0.00213	1	8/8/2009	
Tetrachloroethene	BQL	0.00943	0.00173	1	8/8/2009	
Toluene	BQL	0.00943	0.00188	1	8/8/2009	
1,2,3-Trichlorobenzene	BQL	0.00943	0.00196	1	8/8/2009	
1,2,4-Trichlorobenzene	BQL	0.00943	0.00194	1	8/8/2009	
Trichloroethene	BQL	0.00943	0.00180	1	8/8/2009	
1,1,1-Trichloroethane	BQL	0.00943	0.00213	1	8/8/2009	
1,1,2-Trichloroethane	BQL	0.00943	0.00309	1	8/8/2009	
Trichlorofluoromethane	BQL	0.00943	0.00194	1	8/8/2009	
1,2,3-Trichloropropane	BQL	0.00943	0.00234	1	8/8/2009	
1,2,4-Trimethylbenzene	BQL	0.00943	0.00238	1	8/8/2009	
1,3,5-Trimethylbenzene	BQL	0.00943	0.00215	1	8/8/2009	
Vinyl chloride	BQL	0.00943	0.00257	1	8/8/2009	
m-,p-Xylene	BQL	0.0189	0.00362	1	8/8/2009	
o-Xylene	BQL	0.00943	0.00183	1	8/8/2009	
		Spike Added	Spike Result	Percent Recovered		
1,2-Dichloroethane-d4		0.05	0.0582	116		
Toluene-d8		0.05	0.05	100		
4-Bromofluorobenzene		0.05	0.0458	92		

Comments:

Flags:

BQL = Below Quantitation Limits.

Analyst: 

Reviewed By: 

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5030

Client Sample ID: DPT/HA-27 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID G128-2427-27A
Lab Project ID: G128-2427
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 07-30-2009 13:40
Date Received: 7/30/2009
Matrix: Soil
Sample Amount: 3.26 g
%Solids: 94.9

Report Name Compound	Result MG/KG	Quantitation Limit MG/KG	MDL MG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	0.0232	0.0805	0.0111	1	8/8/2009	J
Benzene	BQL	0.00805	0.00172	1	8/8/2009	
Bromobenzene	BQL	0.00805	0.00166	1	8/8/2009	
Bromochloromethane	BQL	0.00805	0.00277	1	8/8/2009	
Bromodichloromethane	BQL	0.00805	0.00160	1	8/8/2009	
Bromoform	BQL	0.00805	0.00161	1	8/8/2009	
Bromomethane	BQL	0.00805	0.00169	1	8/8/2009	
2-Butanone	BQL	0.0403	0.00875	1	8/8/2009	
n-Butylbenzene	BQL	0.00805	0.00154	1	8/8/2009	
sec-Butylbenzene	BQL	0.00805	0.00163	1	8/8/2009	
tert-Butylbenzene	BQL	0.00805	0.00180	1	8/8/2009	
Carbon disulfide	BQL	0.00805	0.00432	1	8/8/2009	
Carbon tetrachloride	BQL	0.00805	0.00164	1	8/8/2009	
Chlorobenzene	BQL	0.00805	0.00192	1	8/8/2009	
Chloroethane	BQL	0.00805	0.00256	1	8/8/2009	
Chloroform	BQL	0.00805	0.00193	1	8/8/2009	
Chloromethane	BQL	0.00805	0.00182	1	8/8/2009	
2-Chlorotoluene	BQL	0.00805	0.00163	1	8/8/2009	
4-Chlorotoluene	BQL	0.00805	0.00201	1	8/8/2009	
Dibromochloromethane	BQL	0.00805	0.00222	1	8/8/2009	
1,2-Dibromo-3-chloropropane	BQL	0.00805	0.00234	1	8/8/2009	
Dibromomethane	BQL	0.00805	0.00243	1	8/8/2009	
1,2-Dibromoethane (EDB)	BQL	0.00805	0.00182	1	8/8/2009	
1,2-Dichlorobenzene	BQL	0.00805	0.00208	1	8/8/2009	
1,3-Dichlorobenzene	BQL	0.00805	0.00206	1	8/8/2009	
1,4-Dichlorobenzene	BQL	0.00805	0.00169	1	8/8/2009	
trans-1,4-Dichloro-2-butene	BQL	0.00805	0.00222	1	8/8/2009	
1,1-Dichloroethane	BQL	0.00805	0.00171	1	8/8/2009	
1,1-Dichloroethene	BQL	0.00805	0.00238	1	8/8/2009	
1,2-Dichloroethane	BQL	0.00805	0.00213	1	8/8/2009	
cis-1,2-Dichloroethene	BQL	0.00805	0.00206	1	8/8/2009	
trans-1,2-dichloroethene	BQL	0.00805	0.00182	1	8/8/2009	
1,2-Dichloropropane	BQL	0.00805	0.00190	1	8/8/2009	
1,3-Dichloropropane	BQL	0.00805	0.00180	1	8/8/2009	
2,2-Dichloropropane	BQL	0.00805	0.00193	1	8/8/2009	
1,1-Dichloropropene	BQL	0.00805	0.00253	1	8/8/2009	
cis-1,3-Dichloropropene	BQL	0.00805	0.00134	1	8/8/2009	
trans-1,3-Dichloropropene	BQL	0.00805	0.00155	1	8/8/2009	
Dichlorodifluoromethane	BQL	0.00805	0.00213	1	8/8/2009	
Diisopropyl ether (DIPE)	BQL	0.00805	0.00182	1	8/8/2009	
Ethylbenzene	BQL	0.00805	0.00140	1	8/8/2009	
Hexachlorobutadiene	BQL	0.00805	0.00157	1	8/8/2009	
2-Hexanone	BQL	0.00805	0.00522	1	8/8/2009	
Iodomethane	BQL	0.00805	0.00174	1	8/8/2009	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-01 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-1F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.13 g

Analyzed By: EAW
Date Collected: 7/30/2009 10:50
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 87.96

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.354	0.054	1	8/6/2009	
Acenaphthylene	BQL	0.354	0.050	1	8/6/2009	
Anthracene	BQL	0.354	0.048	1	8/6/2009	
Benzo[a]anthracene	BQL	0.354	0.049	1	8/6/2009	
Benzo[a]pyrene	BQL	0.354	0.051	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.354	0.049	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.354	0.062	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.354	0.050	1	8/6/2009	
Benzoic Acid	BQL	1.77	0.437	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.354	0.052	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.354	0.072	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.354	0.057	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.354	0.054	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.354	0.063	1	8/6/2009	
Butylbenzylphthalate	BQL	0.354	0.052	1	8/6/2009	
2-Chloronaphthalene	BQL	0.354	0.049	1	8/6/2009	
2-Chlorophenol	BQL	0.354	0.045	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.354	0.052	1	8/6/2009	
4-Chloroaniline	BQL	1.77	0.058	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.354	0.052	1	8/6/2009	
Chrysene	BQL	0.354	0.034	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.354	0.045	1	8/6/2009	
Dibenzofuran	BQL	0.354	0.050	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.354	0.052	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.354	0.060	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.354	0.057	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.354	0.051	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.708	0.058	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.354	0.039	1	8/6/2009	
Diethylphthalate	BQL	0.354	0.047	1	8/6/2009	
Dimethylphthalate	BQL	0.354	0.055	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.354	0.064	1	8/6/2009	
Di-n-octylphthalate	BQL	0.354	0.055	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.77	0.042	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.77	0.046	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.354	0.054	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.354	0.058	1	8/6/2009	
Fluoranthene	BQL	0.354	0.057	1	8/6/2009	
Fluorene	BQL	0.354	0.055	1	8/6/2009	
Hexachlorobenzene	BQL	0.354	0.077	1	8/6/2009	
Hexachlorobutadiene	BQL	0.354	0.064	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.708	0.069	1	8/6/2009	
Hexachloroethane	BQL	0.354	0.055	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.354	0.042	1	8/6/2009	
Isophorone	BQL	0.354	0.052	1	8/6/2009	
2-Methylnaphthalene	BQL	0.354	0.058	1	8/6/2009	
2-Methylphenol	BQL	0.354	0.054	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-01 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-1F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.13 g

Analyzed By: EAW
 Date Collected: 7/30/2009 10:50
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 87.96

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.354	0.046	1	8/6/2009	
Naphthalene	BQL	0.354	0.050	1	8/6/2009	
2-Nitroaniline	BQL	0.354	0.047	1	8/6/2009	
3-Nitroaniline	BQL	1.77	0.052	1	8/6/2009	
4-Nitroaniline	BQL	1.77	0.047	1	8/6/2009	
Nitrobenzene	BQL	0.354	0.047	1	8/6/2009	
2-Nitrophenol	BQL	0.354	0.052	1	8/6/2009	
4-Nitrophenol	BQL	1.77	0.062	1	8/6/2009	
Diphenylamine *	BQL	0.354	0.057	1	8/6/2009	
Pentachlorophenol	BQL	1.77	0.033	1	8/6/2009	
Phenanthrene	BQL	0.354	0.050	1	8/6/2009	
Phenol	BQL	0.354	0.048	1	8/6/2009	
Pyrene	BQL	0.354	0.048	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.354	0.064	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.354	0.053	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.354	0.032	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.6	96		
2-Fluorophenol		10	8.8	88		
Nitrobenzene-d5		10	10.1	101		
Phenol-d6		10	9.2	92		
2,4,6-Tribromophenol		10	8.4	84		
4-Terphenyl-d14		10	10.4	104		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By:

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-02 (2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-2F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.06 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:00
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 84.21

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.370	0.057	1	8/6/2009	
Acenaphthylene	BQL	0.370	0.052	1	8/6/2009	
Anthracene	BQL	0.370	0.050	1	8/6/2009	
Benzo[a]anthracene	BQL	0.370	0.051	1	8/6/2009	
Benzo[a]pyrene	BQL	0.370	0.053	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.370	0.052	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.370	0.064	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.370	0.053	1	8/6/2009	
Benzoic Acid	BQL	1.85	0.457	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.370	0.054	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.370	0.075	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.370	0.060	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.370	0.057	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.370	0.066	1	8/6/2009	
Butylbenzylphthalate	BQL	0.370	0.055	1	8/6/2009	
2-Chloronaphthalene	BQL	0.370	0.052	1	8/6/2009	
2-Chlorophenol	BQL	0.370	0.047	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.370	0.054	1	8/6/2009	
4-Chloroaniline	BQL	1.85	0.060	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.370	0.054	1	8/6/2009	
Chrysene	BQL	0.370	0.036	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.370	0.047	1	8/6/2009	
Dibenzofuran	BQL	0.370	0.052	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.370	0.054	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.370	0.063	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.370	0.060	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.370	0.054	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.741	0.061	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.370	0.040	1	8/6/2009	
Diethylphthalate	BQL	0.370	0.050	1	8/6/2009	
Dimethylphthalate	BQL	0.370	0.057	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.370	0.067	1	8/6/2009	
Di-n-octylphthalate	BQL	0.370	0.057	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.85	0.044	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.85	0.048	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.370	0.056	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.370	0.061	1	8/6/2009	
Fluoranthene	BQL	0.370	0.060	1	8/6/2009	
Fluorene	BQL	0.370	0.058	1	8/6/2009	
Hexachlorobenzene	BQL	0.370	0.080	1	8/6/2009	
Hexachlorobutadiene	BQL	0.370	0.067	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.741	0.072	1	8/6/2009	
Hexachloroethane	BQL	0.370	0.058	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.370	0.044	1	8/6/2009	
Isophorone	BQL	0.370	0.054	1	8/6/2009	
2-Methylnaphthalene	BQL	0.370	0.060	1	8/6/2009	
2-Methylphenol	BQL	0.370	0.057	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-02 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-2F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.06 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:00
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.21

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.370	0.048	1	8/6/2009	
Naphthalene	BQL	0.370	0.052	1	8/6/2009	
2-Nitroaniline	BQL	0.370	0.050	1	8/6/2009	
3-Nitroaniline	BQL	1.85	0.054	1	8/6/2009	
4-Nitroaniline	BQL	1.85	0.050	1	8/6/2009	
Nitrobenzene	BQL	0.370	0.049	1	8/6/2009	
2-Nitrophenol	BQL	0.370	0.054	1	8/6/2009	
4-Nitrophenol	BQL	1.85	0.064	1	8/6/2009	
Diphenylamine *	BQL	0.370	0.060	1	8/6/2009	
Pentachlorophenol	BQL	1.85	0.034	1	8/6/2009	
Phenanthrene	BQL	0.370	0.052	1	8/6/2009	
Phenol	BQL	0.370	0.050	1	8/6/2009	
Pyrene	BQL	0.370	0.050	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.370	0.067	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.370	0.055	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.370	0.033	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.9	89		
2-Fluorophenol		10	8.7	87		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	7.8	78		
4-Terphenyl-d14		10	9.3	93		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-03 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-3F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.47 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:05
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 95.47

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.323	0.049	1	8/6/2009	
Acenaphthylene	BQL	0.323	0.045	1	8/6/2009	
Anthracene	BQL	0.323	0.044	1	8/6/2009	
Benzo[a]anthracene	BQL	0.323	0.044	1	8/6/2009	
Benzo[a]pyrene	BQL	0.323	0.047	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.323	0.045	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.323	0.056	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.323	0.046	1	8/6/2009	
Benzoic Acid	BQL	1.61	0.398	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.323	0.047	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.323	0.066	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.323	0.052	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.323	0.049	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.323	0.057	1	8/6/2009	
Butylbenzylphthalate	BQL	0.323	0.048	1	8/6/2009	
2-Chloronaphthalene	BQL	0.323	0.045	1	8/6/2009	
2-Chlorophenol	BQL	0.323	0.041	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.323	0.047	1	8/6/2009	
4-Chloroaniline	BQL	1.61	0.053	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.323	0.047	1	8/6/2009	
Chrysene	BQL	0.323	0.031	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.323	0.041	1	8/6/2009	
Dibenzofuran	BQL	0.323	0.046	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.323	0.047	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.323	0.055	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.323	0.052	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.323	0.047	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.645	0.053	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.323	0.035	1	8/6/2009	
Diethylphthalate	BQL	0.323	0.043	1	8/6/2009	
Dimethylphthalate	BQL	0.323	0.050	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.323	0.058	1	8/6/2009	
Di-n-octylphthalate	BQL	0.323	0.050	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.61	0.038	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.61	0.042	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.323	0.049	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.323	0.053	1	8/6/2009	
Fluoranthene	BQL	0.323	0.052	1	8/6/2009	
Fluorene	BQL	0.323	0.050	1	8/6/2009	
Hexachlorobenzene	BQL	0.323	0.070	1	8/6/2009	
Hexachlorobutadiene	BQL	0.323	0.059	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.645	0.063	1	8/6/2009	
Hexachloroethane	BQL	0.323	0.050	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.323	0.038	1	8/6/2009	
Isophorone	BQL	0.323	0.047	1	8/6/2009	
2-Methylnaphthalene	BQL	0.323	0.053	1	8/6/2009	
2-Methylphenol	BQL	0.323	0.049	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-03 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-3F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.47 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:05
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 95.47

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.323	0.042	1	8/6/2009	
Naphthalene	BQL	0.323	0.045	1	8/6/2009	
2-Nitroaniline	BQL	0.323	0.043	1	8/6/2009	
3-Nitroaniline	BQL	1.61	0.047	1	8/6/2009	
4-Nitroaniline	BQL	1.61	0.043	1	8/6/2009	
Nitrobenzene	BQL	0.323	0.043	1	8/6/2009	
2-Nitrophenol	BQL	0.323	0.047	1	8/6/2009	
4-Nitrophenol	BQL	1.61	0.056	1	8/6/2009	
Diphenylamine *	BQL	0.323	0.052	1	8/6/2009	
Pentachlorophenol	BQL	1.61	0.030	1	8/6/2009	
Phenanthrene	BQL	0.323	0.045	1	8/6/2009	
Phenol	BQL	0.323	0.044	1	8/6/2009	
Pyrene	BQL	0.323	0.044	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.323	0.058	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.323	0.048	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.323	0.029	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9	90		
2-Fluorophenol		10	8.2	82		
Nitrobenzene-d5		10	9.4	94		
Phenol-d6		10	8.3	83		
2,4,6-Tribromophenol		10	7.3	73		
4-Terphenyl-d14		10	9.9	99		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-04 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-4F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 34.2 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:10
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 90.64

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.323	0.049	1	8/6/2009	
Acenaphthylene	BQL	0.323	0.045	1	8/6/2009	
Anthracene	BQL	0.323	0.044	1	8/6/2009	
Benzo[a]anthracene	BQL	0.323	0.044	1	8/6/2009	
Benzo[a]pyrene	BQL	0.323	0.047	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.323	0.045	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.323	0.056	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.323	0.046	1	8/6/2009	
Benzoic Acid	BQL	1.61	0.398	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.323	0.047	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.323	0.066	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.323	0.052	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.323	0.049	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.323	0.057	1	8/6/2009	
Butylbenzylphthalate	BQL	0.323	0.048	1	8/6/2009	
2-Chloronaphthalene	BQL	0.323	0.045	1	8/6/2009	
2-Chlorophenol	BQL	0.323	0.041	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.323	0.047	1	8/6/2009	
4-Chloroaniline	BQL	1.61	0.053	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.323	0.047	1	8/6/2009	
Chrysene	BQL	0.323	0.031	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.323	0.041	1	8/6/2009	
Dibenzofuran	BQL	0.323	0.046	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.323	0.047	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.323	0.055	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.323	0.052	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.323	0.047	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.645	0.053	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.323	0.035	1	8/6/2009	
Diethylphthalate	BQL	0.323	0.043	1	8/6/2009	
Dimethylphthalate	BQL	0.323	0.050	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.323	0.058	1	8/6/2009	
Di-n-octylphthalate	BQL	0.323	0.050	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.61	0.038	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.61	0.042	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.323	0.049	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.323	0.053	1	8/6/2009	
Fluoranthene	BQL	0.323	0.052	1	8/6/2009	
Fluorene	BQL	0.323	0.050	1	8/6/2009	
Hexachlorobenzene	BQL	0.323	0.070	1	8/6/2009	
Hexachlorobutadiene	BQL	0.323	0.059	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.645	0.063	1	8/6/2009	
Hexachloroethane	BQL	0.323	0.050	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.323	0.038	1	8/6/2009	
Isophorone	BQL	0.323	0.047	1	8/6/2009	
2-Methylnaphthalene	BQL	0.323	0.053	1	8/6/2009	
2-Methylphenol	BQL	0.323	0.049	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-04 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-4F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.2 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:10
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 90.64

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.323	0.042	1	8/6/2009	
Naphthalene	BQL	0.323	0.045	1	8/6/2009	
2-Nitroaniline	BQL	0.323	0.043	1	8/6/2009	
3-Nitroaniline	BQL	1.61	0.047	1	8/6/2009	
4-Nitroaniline	BQL	1.61	0.043	1	8/6/2009	
Nitrobenzene	BQL	0.323	0.043	1	8/6/2009	
2-Nitrophenol	BQL	0.323	0.047	1	8/6/2009	
4-Nitrophenol	BQL	1.61	0.056	1	8/6/2009	
Diphenylamine *	BQL	0.323	0.052	1	8/6/2009	
Pentachlorophenol	BQL	1.61	0.030	1	8/6/2009	
Phenanthrene	BQL	0.323	0.045	1	8/6/2009	
Phenol	BQL	0.323	0.044	1	8/6/2009	
Pyrene	BQL	0.323	0.044	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.323	0.058	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.323	0.048	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.323	0.029	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.8	98		
2-Fluorophenol		10	8.2	82		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	8.7	87		
2,4,6-Tribromophenol		10	8.4	84		
4-Terphenyl-d14		10	10.5	105		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-05 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-5F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.33 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:15
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 89.97

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.344	0.053	1	8/6/2009	
Acenaphthylene	BQL	0.344	0.048	1	8/6/2009	
Anthracene	BQL	0.344	0.047	1	8/6/2009	
Benzo[a]anthracene	BQL	0.344	0.047	1	8/6/2009	
Benzo[a]pyrene	BQL	0.344	0.050	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.344	0.048	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.344	0.060	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.344	0.049	1	8/6/2009	
Benzoic Acid	BQL	1.72	0.425	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.344	0.051	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.344	0.070	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.344	0.055	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.344	0.053	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.344	0.061	1	8/6/2009	
Butylbenzylphthalate	BQL	0.344	0.051	1	8/6/2009	
2-Chloronaphthalene	BQL	0.344	0.048	1	8/6/2009	
2-Chlorophenol	BQL	0.344	0.044	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.344	0.050	1	8/6/2009	
4-Chloroaniline	BQL	1.72	0.056	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.344	0.051	1	8/6/2009	
Chrysene	BQL	0.344	0.033	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.344	0.044	1	8/6/2009	
Dibenzofuran	BQL	0.344	0.049	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.344	0.050	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.344	0.058	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.344	0.056	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.344	0.050	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.688	0.057	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.344	0.038	1	8/6/2009	
Diethylphthalate	BQL	0.344	0.046	1	8/6/2009	
Dimethylphthalate	BQL	0.344	0.053	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.344	0.062	1	8/6/2009	
Di-n-octylphthalate	BQL	0.344	0.053	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.72	0.041	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.72	0.045	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.344	0.052	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.344	0.057	1	8/6/2009	
Fluoranthene	BQL	0.344	0.055	1	8/6/2009	
Fluorene	BQL	0.344	0.054	1	8/6/2009	
Hexachlorobenzene	BQL	0.344	0.075	1	8/6/2009	
Hexachlorobutadiene	BQL	0.344	0.063	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.688	0.067	1	8/6/2009	
Hexachloroethane	BQL	0.344	0.054	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.344	0.041	1	8/6/2009	
Isophorone	BQL	0.344	0.050	1	8/6/2009	
2-Methylnaphthalene	BQL	0.344	0.056	1	8/6/2009	
2-Methylphenol	BQL	0.344	0.053	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-05 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-5F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.33 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:15
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 89.97

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.344	0.045	1	8/6/2009	
Naphthalene	BQL	0.344	0.048	1	8/6/2009	
2-Nitroaniline	BQL	0.344	0.046	1	8/6/2009	
3-Nitroaniline	BQL	1.72	0.051	1	8/6/2009	
4-Nitroaniline	BQL	1.72	0.046	1	8/6/2009	
Nitrobenzene	BQL	0.344	0.046	1	8/6/2009	
2-Nitrophenol	BQL	0.344	0.050	1	8/6/2009	
4-Nitrophenol	BQL	1.72	0.060	1	8/6/2009	
Diphenylamine *	BQL	0.344	0.055	1	8/6/2009	
Pentachlorophenol	BQL	1.72	0.032	1	8/6/2009	
Phenanthrene	BQL	0.344	0.048	1	8/6/2009	
Phenol	BQL	0.344	0.047	1	8/6/2009	
Pyrene	BQL	0.344	0.047	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.344	0.062	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.344	0.051	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.344	0.031	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9	90		
2-Fluorophenol		10	9.1	91		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	9.3	93		
2,4,6-Tribromophenol		10	7.5	75		
4-Terphenyl-d14		10	9.6	96		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: EA

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-06 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-6F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.94 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:20
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 88.75

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.342	0.052	1	8/6/2009	
Acenaphthylene	BQL	0.342	0.048	1	8/6/2009	
Anthracene	BQL	0.342	0.047	1	8/6/2009	
Benzo[a]anthracene	BQL	0.342	0.047	1	8/6/2009	
Benzo[a]pyrene	BQL	0.342	0.049	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.342	0.048	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.342	0.060	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.342	0.049	1	8/6/2009	
Benzoic Acid	BQL	1.71	0.422	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.342	0.050	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.342	0.069	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.342	0.055	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.342	0.052	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.342	0.061	1	8/6/2009	
Butylbenzylphthalate	BQL	0.342	0.051	1	8/6/2009	
2-Chloronaphthalene	BQL	0.342	0.048	1	8/6/2009	
2-Chlorophenol	BQL	0.342	0.043	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.342	0.050	1	8/6/2009	
4-Chloroaniline	BQL	1.71	0.056	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.342	0.050	1	8/6/2009	
Chrysene	BQL	0.342	0.033	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.342	0.044	1	8/6/2009	
Dibenzofuran	BQL	0.342	0.048	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.342	0.050	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.342	0.058	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.342	0.055	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.342	0.050	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.684	0.056	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.342	0.037	1	8/6/2009	
Diethylphthalate	BQL	0.342	0.046	1	8/6/2009	
Dimethylphthalate	BQL	0.342	0.053	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.342	0.062	1	8/6/2009	
Di-n-octylphthalate	BQL	0.342	0.053	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.71	0.041	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.71	0.045	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.342	0.052	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.342	0.056	1	8/6/2009	
Fluoranthene	BQL	0.342	0.055	1	8/6/2009	
Fluorene	BQL	0.342	0.053	1	8/6/2009	
Hexachlorobenzene	BQL	0.342	0.074	1	8/6/2009	
Hexachlorobutadiene	BQL	0.342	0.062	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.684	0.067	1	8/6/2009	
Hexachloroethane	BQL	0.342	0.053	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.342	0.040	1	8/6/2009	
Isophorone	BQL	0.342	0.050	1	8/6/2009	
2-Methylnaphthalene	BQL	0.342	0.056	1	8/6/2009	
2-Methylphenol	BQL	0.342	0.052	1	8/6/2009	

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-06 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-6F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.94 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:20
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 88.75

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.342	0.045	1	8/6/2009	
Naphthalene	BQL	0.342	0.048	1	8/6/2009	
2-Nitroaniline	BQL	0.342	0.046	1	8/6/2009	
3-Nitroaniline	BQL	1.71	0.050	1	8/6/2009	
4-Nitroaniline	BQL	1.71	0.046	1	8/6/2009	
Nitrobenzene	BQL	0.342	0.046	1	8/6/2009	
2-Nitrophenol	BQL	0.342	0.050	1	8/6/2009	
4-Nitrophenol	BQL	1.71	0.060	1	8/6/2009	
Diphenylamine *	BQL	0.342	0.055	1	8/6/2009	
Pentachlorophenol	BQL	1.71	0.032	1	8/6/2009	
Phenanthrene	BQL	0.342	0.048	1	8/6/2009	
Phenol	BQL	0.342	0.047	1	8/6/2009	
Pyrene	BQL	0.342	0.047	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.342	0.062	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.342	0.051	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.342	0.030	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.6	96		
2-Fluorophenol		10	8.8	88		
Nitrobenzene-d5		10	10.3	103		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	7.9	79		
4-Terphenyl-d14		10	10.3	103		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By: WJ

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-07 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-7F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 34.61 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:25
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 93.19

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.310	0.047	1	8/6/2009	
Acenaphthylene	BQL	0.310	0.043	1	8/6/2009	
Anthracene	BQL	0.310	0.042	1	8/6/2009	
Benzo[a]anthracene	BQL	0.310	0.043	1	8/6/2009	
Benzo[a]pyrene	BQL	0.310	0.045	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.310	0.043	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.310	0.054	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.310	0.044	1	8/6/2009	
Benzoic Acid	BQL	1.55	0.383	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.310	0.046	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.310	0.063	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.310	0.050	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.310	0.047	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.310	0.055	1	8/6/2009	
Butylbenzylphthalate	BQL	0.310	0.046	1	8/6/2009	
2-Chloronaphthalene	BQL	0.310	0.043	1	8/6/2009	
2-Chlorophenol	BQL	0.310	0.039	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.310	0.045	1	8/6/2009	
4-Chloroaniline	BQL	1.55	0.051	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.310	0.046	1	8/6/2009	
Chrysene	BQL	0.310	0.030	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.310	0.040	1	8/6/2009	
Dibenzofuran	BQL	0.310	0.044	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.310	0.045	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.310	0.052	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.310	0.050	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.310	0.045	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.620	0.051	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.310	0.034	1	8/6/2009	
Diethylphthalate	BQL	0.310	0.042	1	8/6/2009	
Dimethylphthalate	BQL	0.310	0.048	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.310	0.056	1	8/6/2009	
Di-n-octylphthalate	BQL	0.310	0.048	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.55	0.037	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.55	0.040	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.310	0.047	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.310	0.051	1	8/6/2009	
Fluoranthene	BQL	0.310	0.050	1	8/6/2009	
Fluorene	BQL	0.310	0.048	1	8/6/2009	
Hexachlorobenzene	BQL	0.310	0.067	1	8/6/2009	
Hexachlorobutadiene	BQL	0.310	0.056	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.620	0.061	1	8/6/2009	
Hexachloroethane	BQL	0.310	0.048	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.310	0.037	1	8/6/2009	
Isophorone	BQL	0.310	0.045	1	8/6/2009	
2-Methylnaphthalene	BQL	0.310	0.051	1	8/6/2009	
2-Methylphenol	BQL	0.310	0.047	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-07 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-7F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.61 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:25
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 93.19

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.310	0.040	1	8/6/2009	
Naphthalene	BQL	0.310	0.043	1	8/6/2009	
2-Nitroaniline	BQL	0.310	0.042	1	8/6/2009	
3-Nitroaniline	BQL	1.55	0.046	1	8/6/2009	
4-Nitroaniline	BQL	1.55	0.042	1	8/6/2009	
Nitrobenzene	BQL	0.310	0.041	1	8/6/2009	
2-Nitrophenol	BQL	0.310	0.045	1	8/6/2009	
4-Nitrophenol	BQL	1.55	0.054	1	8/6/2009	
Diphenylamine *	BQL	0.310	0.050	1	8/6/2009	
Pentachlorophenol	BQL	1.55	0.029	1	8/6/2009	
Phenanthrene	BQL	0.310	0.043	1	8/6/2009	
Phenol	BQL	0.310	0.042	1	8/6/2009	
Pyrene	BQL	0.310	0.042	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.310	0.056	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.310	0.046	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.310	0.028	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.4	94		
2-Fluorophenol		10	7	70		
Nitrobenzene-d5		10	8.8	88		
Phenol-d6		10	8.2	82		
2,4,6-Tribromophenol		10	7.8	78		
4-Terphenyl-d14		10	10.5	105		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-08 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-8F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.74 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:30
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 93.23

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.292	0.045	1	8/6/2009	
Acenaphthylene	BQL	0.292	0.041	1	8/6/2009	
Anthracene	BQL	0.292	0.040	1	8/6/2009	
Benzo[a]anthracene	BQL	0.292	0.040	1	8/6/2009	
Benzo[a]pyrene	BQL	0.292	0.042	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.292	0.041	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.292	0.051	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.292	0.042	1	8/6/2009	
Benzoic Acid	BQL	1.46	0.361	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.292	0.043	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.292	0.059	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.292	0.047	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.292	0.045	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.292	0.052	1	8/6/2009	
Butylbenzylphthalate	BQL	0.292	0.043	1	8/6/2009	
2-Chloronaphthalene	BQL	0.292	0.041	1	8/6/2009	
2-Chlorophenol	BQL	0.292	0.037	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.292	0.043	1	8/6/2009	
4-Chloroaniline	BQL	1.46	0.048	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.292	0.043	1	8/6/2009	
Chrysene	BQL	0.292	0.028	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.292	0.037	1	8/6/2009	
Dibenzofuran	BQL	0.292	0.041	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.292	0.043	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.292	0.049	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.292	0.047	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.292	0.042	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.584	0.048	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.292	0.032	1	8/6/2009	
Diethylphthalate	BQL	0.292	0.039	1	8/6/2009	
Dimethylphthalate	BQL	0.292	0.045	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.292	0.053	1	8/6/2009	
Di-n-octylphthalate	BQL	0.292	0.045	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.46	0.035	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.46	0.038	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.292	0.044	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.292	0.048	1	8/6/2009	
Fluoranthene	BQL	0.292	0.047	1	8/6/2009	
Fluorene	BQL	0.292	0.046	1	8/6/2009	
Hexachlorobenzene	BQL	0.292	0.063	1	8/6/2009	
Hexachlorobutadiene	BQL	0.292	0.053	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.584	0.057	1	8/6/2009	
Hexachloroethane	BQL	0.292	0.046	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.292	0.034	1	8/6/2009	
Isophorone	BQL	0.292	0.043	1	8/6/2009	
2-Methylnaphthalene	BQL	0.292	0.048	1	8/6/2009	
2-Methylphenol	BQL	0.292	0.045	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-08 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-8F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.74 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:30
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 93.23

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.292	0.038	1	8/6/2009	
Naphthalene	BQL	0.292	0.041	1	8/6/2009	
2-Nitroaniline	BQL	0.292	0.039	1	8/6/2009	
3-Nitroaniline	BQL	1.46	0.043	1	8/6/2009	
4-Nitroaniline	BQL	1.46	0.039	1	8/6/2009	
Nitrobenzene	BQL	0.292	0.039	1	8/6/2009	
2-Nitrophenol	BQL	0.292	0.043	1	8/6/2009	
4-Nitrophenol	BQL	1.46	0.051	1	8/6/2009	
Diphenylamine *	BQL	0.292	0.047	1	8/6/2009	
Pentachlorophenol	BQL	1.46	0.027	1	8/6/2009	
Phenanthrene	BQL	0.292	0.041	1	8/6/2009	
Phenol	BQL	0.292	0.040	1	8/6/2009	
Pyrene	BQL	0.292	0.040	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.292	0.053	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.292	0.044	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.292	0.026	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.4	94		
2-Fluorophenol		10	8.4	84		
Nitrobenzene-d5		10	9.7	97		
Phenol-d6		10	8.9	89		
2,4,6-Tribromophenol		10	7.5	75		
4-Terphenyl-d14		10	9.9	99		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-09 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-9F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 32.49 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:35
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 92.57

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.332	0.051	1	8/6/2009	
Acenaphthylene	BQL	0.332	0.047	1	8/6/2009	
Anthracene	BQL	0.332	0.045	1	8/6/2009	
Benzo[a]anthracene	BQL	0.332	0.046	1	8/6/2009	
Benzo[a]pyrene	BQL	0.332	0.048	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.332	0.046	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.332	0.058	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.332	0.047	1	8/6/2009	
Benzoic Acid	BQL	1.66	0.411	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.332	0.049	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.332	0.068	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.332	0.054	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.332	0.051	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.332	0.059	1	8/6/2009	
Butylbenzylphthalate	BQL	0.332	0.049	1	8/6/2009	
2-Chloronaphthalene	BQL	0.332	0.046	1	8/6/2009	
2-Chlorophenol	BQL	0.332	0.042	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.332	0.049	1	8/6/2009	
4-Chloroaniline	BQL	1.66	0.054	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.332	0.049	1	8/6/2009	
Chrysene	BQL	0.332	0.032	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.332	0.043	1	8/6/2009	
Dibenzofuran	BQL	0.332	0.047	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.332	0.049	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.332	0.056	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.332	0.054	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.332	0.048	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.665	0.055	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.332	0.036	1	8/6/2009	
Diethylphthalate	BQL	0.332	0.045	1	8/6/2009	
Dimethylphthalate	BQL	0.332	0.052	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.332	0.060	1	8/6/2009	
Di-n-octylphthalate	BQL	0.332	0.051	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.66	0.040	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.66	0.043	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.332	0.051	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.332	0.055	1	8/6/2009	
Fluoranthene	BQL	0.332	0.054	1	8/6/2009	
Fluorene	BQL	0.332	0.052	1	8/6/2009	
Hexachlorobenzene	BQL	0.332	0.072	1	8/6/2009	
Hexachlorobutadiene	BQL	0.332	0.061	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.665	0.065	1	8/6/2009	
Hexachloroethane	BQL	0.332	0.052	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.332	0.039	1	8/6/2009	
Isophorone	BQL	0.332	0.049	1	8/6/2009	
2-Methylnaphthalene	BQL	0.332	0.054	1	8/6/2009	
2-Methylphenol	BQL	0.332	0.051	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-09 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-9F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.49 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:35
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 92.57

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.332	0.043	1	8/6/2009	
Naphthalene	BQL	0.332	0.047	1	8/6/2009	
2-Nitroaniline	BQL	0.332	0.045	1	8/6/2009	
3-Nitroaniline	BQL	1.66	0.049	1	8/6/2009	
4-Nitroaniline	BQL	1.66	0.045	1	8/6/2009	
Nitrobenzene	BQL	0.332	0.044	1	8/6/2009	
2-Nitrophenol	BQL	0.332	0.049	1	8/6/2009	
4-Nitrophenol	BQL	1.66	0.058	1	8/6/2009	
Diphenylamine *	BQL	0.332	0.054	1	8/6/2009	
Pentachlorophenol	BQL	1.66	0.031	1	8/6/2009	
Phenanthrene	BQL	0.332	0.047	1	8/6/2009	
Phenol	BQL	0.332	0.045	1	8/6/2009	
Pyrene	BQL	0.332	0.045	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.332	0.060	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.332	0.050	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.332	0.030	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.8	98		
2-Fluorophenol		10	8.6	86		
Nitrobenzene-d5		10	10.1	101		
Phenol-d6		10	9.4	94		
2,4,6-Tribromophenol		10	7.5	75		
4-Terphenyl-d14		10	10.8	108		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-10 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-10F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.94 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:40
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 93.06

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.291	0.045	1	8/6/2009	
Acenaphthylene	BQL	0.291	0.041	1	8/6/2009	
Anthracene	BQL	0.291	0.040	1	8/6/2009	
Benzo[a]anthracene	BQL	0.291	0.040	1	8/6/2009	
Benzo[a]pyrene	BQL	0.291	0.042	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.291	0.040	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.291	0.051	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.291	0.041	1	8/6/2009	
Benzoic Acid	BQL	1.45	0.359	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.291	0.043	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.291	0.059	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.291	0.047	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.291	0.045	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.291	0.052	1	8/6/2009	
Butylbenzylphthalate	BQL	0.291	0.043	1	8/6/2009	
2-Chloronaphthalene	BQL	0.291	0.040	1	8/6/2009	
2-Chlorophenol	BQL	0.291	0.037	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.291	0.043	1	8/6/2009	
4-Chloroaniline	BQL	1.45	0.047	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.291	0.043	1	8/6/2009	
Chrysene	BQL	0.291	0.028	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.291	0.037	1	8/6/2009	
Dibenzofuran	BQL	0.291	0.041	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.291	0.043	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.291	0.049	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.291	0.047	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.291	0.042	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.582	0.048	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.291	0.032	1	8/6/2009	
Diethylphthalate	BQL	0.291	0.039	1	8/6/2009	
Dimethylphthalate	BQL	0.291	0.045	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.291	0.053	1	8/6/2009	
Di-n-octylphthalate	BQL	0.291	0.045	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.45	0.035	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.45	0.038	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.291	0.044	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.291	0.048	1	8/6/2009	
Diphenylamine *	BQL	0.291	0.037	1	8/6/2009	
Fluoranthene	BQL	0.291	0.047	1	8/6/2009	
Fluorene	BQL	0.291	0.045	1	8/6/2009	
Hexachlorobenzene	BQL	0.291	0.063	1	8/6/2009	
Hexachlorobutadiene	BQL	0.291	0.053	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.582	0.057	1	8/6/2009	
Hexachloroethane	BQL	0.291	0.045	1	8/6/2009	
Indeno(1,2,3-c.d)pyrene	BQL	0.291	0.034	1	8/6/2009	
Isophorone	BQL	0.291	0.043	1	8/6/2009	
2-Methylnaphthalene	BQL	0.291	0.047	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-10 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-10F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.94 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:40
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 93.06

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
2-Methylphenol	BQL	0.291	0.045	1	8/6/2009	
3- & 4-Methylphenol	BQL	0.291	0.038	1	8/6/2009	
Naphthalene	BQL	0.291	0.041	1	8/6/2009	
2-Nitroaniline	BQL	0.291	0.039	1	8/6/2009	
3-Nitroaniline	BQL	1.45	0.043	1	8/6/2009	
4-Nitroaniline	BQL	1.45	0.039	1	8/6/2009	
Nitrobenzene	BQL	0.291	0.039	1	8/6/2009	
2-Nitrophenol	BQL	0.291	0.043	1	8/6/2009	
4-Nitrophenol	BQL	1.45	0.051	1	8/6/2009	
N-Nitrosodi-n-propylamine	BQL	0.291	0.047	1	8/6/2009	
Pentachlorophenol	BQL	1.45	0.027	1	8/6/2009	
Phenanthrene	BQL	0.291	0.041	1	8/6/2009	
Phenol	BQL	0.291	0.040	1	8/6/2009	
Pyrene	BQL	0.291	0.040	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.291	0.052	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.291	0.043	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.291	0.026	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.4	94		
2-Fluorophenol		10	8.5	85		
Nitrobenzene-d5		10	9.7	97		
Phenol-d6		10	8.8	88		
2,4,6-Tribromophenol		10	7.5	75		
4-Terphenyl-d14		10	10.2	102		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: bal

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-11 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-11F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 33.2 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:45
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 91.94

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.328	0.050	1	8/6/2009	
Acenaphthylene	BQL	0.328	0.046	1	8/6/2009	
Anthracene	BQL	0.328	0.045	1	8/6/2009	
Benzo[a]anthracene	BQL	0.328	0.045	1	8/6/2009	
Benzo[a]pyrene	BQL	0.328	0.047	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.328	0.046	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.328	0.057	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.328	0.047	1	8/6/2009	
Benzoic Acid	BQL	1.64	0.405	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.328	0.048	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.328	0.067	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.328	0.053	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.328	0.050	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.328	0.058	1	8/6/2009	
Butylbenzylphthalate	BQL	0.328	0.049	1	8/6/2009	
2-Chloronaphthalene	BQL	0.328	0.046	1	8/6/2009	
2-Chlorophenol	BQL	0.328	0.042	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.328	0.048	1	8/6/2009	
4-Chloroaniline	BQL	1.64	0.053	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.328	0.048	1	8/6/2009	
Chrysene	BQL	0.328	0.032	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.328	0.042	1	8/6/2009	
Dibenzofuran	BQL	0.328	0.046	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.328	0.048	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.328	0.055	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.328	0.053	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.328	0.048	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.655	0.054	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.328	0.036	1	8/6/2009	
Diethylphthalate	BQL	0.328	0.044	1	8/6/2009	
Dimethylphthalate	BQL	0.328	0.051	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.328	0.059	1	8/6/2009	
Di-n-octylphthalate	BQL	0.328	0.051	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.64	0.039	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.64	0.043	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.328	0.050	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.328	0.054	1	8/6/2009	
Fluoranthene	BQL	0.328	0.053	1	8/6/2009	
Fluorene	BQL	0.328	0.051	1	8/6/2009	
Hexachlorobenzene	BQL	0.328	0.071	1	8/6/2009	
Hexachlorobutadiene	BQL	0.328	0.060	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.655	0.064	1	8/6/2009	
Hexachloroethane	BQL	0.328	0.051	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.328	0.039	1	8/6/2009	
Isophorone	BQL	0.328	0.048	1	8/6/2009	
2-Methylnaphthalene	BQL	0.328	0.053	1	8/6/2009	
2-Methylphenol	BQL	0.328	0.050	1	8/6/2009	

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT-11 (1-2')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-11F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 33.2 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:45
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 91.94

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.328	0.043	1	8/6/2009	
Naphthalene	BQL	0.328	0.046	1	8/6/2009	
2-Nitroaniline	BQL	0.328	0.044	1	8/6/2009	
3-Nitroaniline	BQL	1.64	0.048	1	8/6/2009	
4-Nitroaniline	BQL	1.64	0.044	1	8/6/2009	
Nitrobenzene	BQL	0.328	0.044	1	8/6/2009	
2-Nitrophenol	BQL	0.328	0.048	1	8/6/2009	
4-Nitrophenol	BQL	1.64	0.057	1	8/6/2009	
Diphenylamine *	BQL	0.328	0.053	1	8/6/2009	
Pentachlorophenol	BQL	1.64	0.030	1	8/6/2009	
Phenanthrene	BQL	0.328	0.046	1	8/6/2009	
Phenol	BQL	0.328	0.045	1	8/6/2009	
Pyrene	BQL	0.328	0.045	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.328	0.059	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.328	0.049	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.328	0.029	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	10.1	101		
2-Fluorophenol		10	8.9	89		
Nitrobenzene-d5		10	10.2	102		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	7.9	79		
4-Terphenyl-d14		10	10.5	105		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Reviewed By:

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-12 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-12F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.75 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:50
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.37

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.362	0.055	1	8/6/2009	
Acenaphthylene	BQL	0.362	0.051	1	8/6/2009	
Anthracene	BQL	0.362	0.049	1	8/6/2009	
Benzo[a]anthracene	BQL	0.362	0.050	1	8/6/2009	
Benzo[a]pyrene	BQL	0.362	0.052	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.362	0.050	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.362	0.063	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.362	0.051	1	8/6/2009	
Benzoic Acid	BQL	1.81	0.447	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.362	0.053	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.362	0.074	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.362	0.058	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.362	0.055	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.362	0.064	1	8/6/2009	
Butylbenzylphthalate	BQL	0.362	0.054	1	8/6/2009	
2-Chloronaphthalene	BQL	0.362	0.050	1	8/6/2009	
2-Chlorophenol	BQL	0.362	0.046	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.362	0.053	1	8/6/2009	
4-Chloroaniline	BQL	1.81	0.059	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.362	0.053	1	8/6/2009	
Chrysene	BQL	0.362	0.035	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.362	0.046	1	8/6/2009	
Dibenzofuran	BQL	0.362	0.051	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.362	0.053	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.362	0.061	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.362	0.059	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.362	0.053	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.724	0.060	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.362	0.039	1	8/6/2009	
Diethylphthalate	BQL	0.362	0.049	1	8/6/2009	
Dimethylphthalate	BQL	0.362	0.056	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.362	0.066	1	8/6/2009	
Di-n-octylphthalate	BQL	0.362	0.056	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.81	0.043	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.81	0.047	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.362	0.055	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.362	0.060	1	8/6/2009	
Fluoranthene	BQL	0.362	0.058	1	8/6/2009	
Fluorene	BQL	0.362	0.057	1	8/6/2009	
Hexachlorobenzene	BQL	0.362	0.079	1	8/6/2009	
Hexachlorobutadiene	BQL	0.362	0.066	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.724	0.071	1	8/6/2009	
Hexachloroethane	BQL	0.362	0.057	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.362	0.043	1	8/6/2009	
Isophorone	BQL	0.362	0.053	1	8/6/2009	
2-Methylnaphthalene	BQL	0.362	0.059	1	8/6/2009	
2-Methylphenol	BQL	0.362	0.055	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT-12 (1-2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-12F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.75 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:50
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.37

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.362	0.047	1	8/6/2009	
Naphthalene	BQL	0.362	0.051	1	8/6/2009	
2-Nitroaniline	BQL	0.362	0.049	1	8/6/2009	
3-Nitroaniline	BQL	1.81	0.053	1	8/6/2009	
4-Nitroaniline	BQL	1.81	0.049	1	8/6/2009	
Nitrobenzene	BQL	0.362	0.048	1	8/6/2009	
2-Nitrophenol	BQL	0.362	0.053	1	8/6/2009	
4-Nitrophenol	BQL	1.81	0.063	1	8/6/2009	
Diphenylamine *	BQL	0.362	0.058	1	8/6/2009	
Pentachlorophenol	BQL	1.81	0.033	1	8/6/2009	
Phenanthrene	BQL	0.362	0.051	1	8/6/2009	
Phenol	BQL	0.362	0.049	1	8/6/2009	
Pyrene	BQL	0.362	0.049	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.362	0.065	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.362	0.054	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.362	0.032	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.5	95		
2-Fluorophenol		10	8.4	84		
Nitrobenzene-d5		10	10	100		
Phenol-d6		10	9	90		
2,4,6-Tribromophenol		10	7.8	78		
4-Terphenyl-d14		10	10	100		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT/HA-13 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-13F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 31.87 g

Analyzed By: EAW
Date Collected: 7/30/2009 11:55
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 84.5

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.371	0.057	1	8/5/2009	
Acenaphthylene	BQL	0.371	0.052	1	8/5/2009	
Anthracene	BQL	0.371	0.051	1	8/5/2009	
Benzo[a]anthracene	BQL	0.371	0.051	1	8/5/2009	
Benzo[a]pyrene	BQL	0.371	0.054	1	8/5/2009	
Benzo[b]fluoranthene	BQL	0.371	0.052	1	8/5/2009	
Benzo[g,h,i]perylene	BQL	0.371	0.065	1	8/5/2009	
Benzo[k]fluoranthene	BQL	0.371	0.053	1	8/5/2009	
Benzoic Acid	BQL	1.86	0.459	1	8/5/2009	
Bis(2-chloroethoxy)methane	BQL	0.371	0.055	1	8/5/2009	
Bis(2-chloroethyl)ether	BQL	0.371	0.075	1	8/5/2009	
Bis(2-chloroisopropyl)ether	BQL	0.371	0.060	1	8/5/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.371	0.057	1	8/5/2009	
4-bromophenyl phenyl ether	BQL	0.371	0.066	1	8/5/2009	
Butylbenzylphthalate	BQL	0.371	0.055	1	8/5/2009	
2-Chloronaphthalene	BQL	0.371	0.052	1	8/5/2009	
2-Chlorophenol	BQL	0.371	0.047	1	8/5/2009	
4-Chloro-3-methylphenol	BQL	0.371	0.054	1	8/5/2009	
4-Chloroaniline	BQL	1.86	0.061	1	8/5/2009	
4-Chlorophenyl phenyl ether	BQL	0.371	0.055	1	8/5/2009	
Chrysene	BQL	0.371	0.036	1	8/5/2009	
Dibenzo[a,h]anthracene	BQL	0.371	0.048	1	8/5/2009	
Dibenzofuran	BQL	0.371	0.052	1	8/5/2009	
Di-n-Butylphthalate	BQL	0.371	0.054	1	8/5/2009	
1,2-Dichlorobenzene	BQL	0.371	0.063	1	8/5/2009	
1,3-Dichlorobenzene	BQL	0.371	0.060	1	8/5/2009	
1,4-Dichlorobenzene	BQL	0.371	0.054	1	8/5/2009	
3,3'-Dichlorobenzidine	BQL	0.743	0.061	1	8/5/2009	
2,4-Dichlorophenol	BQL	0.371	0.041	1	8/5/2009	
Diethylphthalate	BQL	0.371	0.050	1	8/5/2009	
Dimethylphthalate	BQL	0.371	0.058	1	8/5/2009	
2,4-Dimethylphenol	BQL	0.371	0.067	1	8/5/2009	
Di-n-octylphthalate	BQL	0.371	0.057	1	8/5/2009	
4,6-Dinitro-2-methylphenol	BQL	1.86	0.044	1	8/5/2009	
2,4-Dinitrophenol	BQL	1.86	0.048	1	8/5/2009	
2,4-Dinitrotoluene	BQL	0.371	0.056	1	8/5/2009	
2,6-Dinitrotoluene	BQL	0.371	0.061	1	8/5/2009	
Fluoranthene	BQL	0.371	0.060	1	8/5/2009	
Fluorene	BQL	0.371	0.058	1	8/5/2009	
Hexachlorobenzene	BQL	0.371	0.081	1	8/5/2009	
Hexachlorobutadiene	BQL	0.371	0.068	1	8/5/2009	
Hexachlorocyclopentadiene	BQL	0.743	0.072	1	8/5/2009	
Hexachloroethane	BQL	0.371	0.058	1	8/5/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.371	0.044	1	8/5/2009	
Isophorone	BQL	0.371	0.054	1	8/5/2009	
2-Methylnaphthalene	BQL	0.371	0.061	1	8/5/2009	
2-Methylphenol	BQL	0.371	0.057	1	8/5/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-13 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-13F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.87 g

Analyzed By: EAW
 Date Collected: 7/30/2009 11:55
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.5

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.371	0.048	1	8/5/2009	
Naphthalene	BQL	0.371	0.052	1	8/5/2009	
2-Nitroaniline	BQL	0.371	0.050	1	8/5/2009	
3-Nitroaniline	BQL	1.86	0.055	1	8/5/2009	
4-Nitroaniline	BQL	1.86	0.050	1	8/5/2009	
Nitrobenzene	BQL	0.371	0.049	1	8/5/2009	
2-Nitrophenol	BQL	0.371	0.054	1	8/5/2009	
4-Nitrophenol	BQL	1.86	0.065	1	8/5/2009	
Diphenylamine *	BQL	0.371	0.060	1	8/5/2009	
Pentachlorophenol	BQL	1.86	0.034	1	8/5/2009	
Phenanthrene	BQL	0.371	0.052	1	8/5/2009	
Phenol	BQL	0.371	0.051	1	8/5/2009	
Pyrene	BQL	0.371	0.051	1	8/5/2009	
1,2,4-Trichlorobenzene	BQL	0.371	0.067	1	8/5/2009	
2,4,5-Trichlorophenol	BQL	0.371	0.055	1	8/5/2009	
2,4,6-Trichlorophenol	BQL	0.371	0.033	1	8/5/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	7.7	77		
2-Fluorophenol		10	7.3	73		
Nitrobenzene-d5		10	8	80		
Phenol-d6		10	8.1	81		
2,4,6-Tribromophenol		10	7.4	74		
4-Terphenyl-d14		10	8.1	81		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: EA

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-14 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-14F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.88 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:00
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 85.2

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.336	0.052	1	8/6/2009	
Acenaphthylene	BQL	0.336	0.047	1	8/6/2009	
Anthracene	BQL	0.336	0.046	1	8/6/2009	
Benzo[a]anthracene	BQL	0.336	0.046	1	8/6/2009	
Benzo[a]pyrene	BQL	0.336	0.049	1	8/6/2009	
Benzo[b]fluoranthene	BQL	0.336	0.047	1	8/6/2009	
Benzo[g,h,i]perylene	BQL	0.336	0.059	1	8/6/2009	
Benzo[k]fluoranthene	BQL	0.336	0.048	1	8/6/2009	
Benzoic Acid	BQL	1.68	0.416	1	8/6/2009	
Bis(2-chloroethoxy)methane	BQL	0.336	0.050	1	8/6/2009	
Bis(2-chloroethyl)ether	BQL	0.336	0.068	1	8/6/2009	
Bis(2-chloroisopropyl)ether	BQL	0.336	0.054	1	8/6/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.336	0.052	1	8/6/2009	
4-bromophenyl phenyl ether	BQL	0.336	0.060	1	8/6/2009	
Butylbenzylphthalate	BQL	0.336	0.050	1	8/6/2009	
2-Chloronaphthalene	BQL	0.336	0.047	1	8/6/2009	
2-Chlorophenol	BQL	0.336	0.043	1	8/6/2009	
4-Chloro-3-methylphenol	BQL	0.336	0.049	1	8/6/2009	
4-Chloroaniline	BQL	1.68	0.055	1	8/6/2009	
4-Chlorophenyl phenyl ether	BQL	0.336	0.050	1	8/6/2009	
Chrysene	BQL	0.336	0.032	1	8/6/2009	
Dibenzo[a,h]anthracene	BQL	0.336	0.043	1	8/6/2009	
Dibenzofuran	BQL	0.336	0.047	1	8/6/2009	
Di-n-Butylphthalate	BQL	0.336	0.049	1	8/6/2009	
1,2-Dichlorobenzene	BQL	0.336	0.057	1	8/6/2009	
1,3-Dichlorobenzene	BQL	0.336	0.055	1	8/6/2009	
1,4-Dichlorobenzene	BQL	0.336	0.049	1	8/6/2009	
3,3'-Dichlorobenzidine	BQL	0.673	0.056	1	8/6/2009	
2,4-Dichlorophenol	BQL	0.336	0.037	1	8/6/2009	
Diethylphthalate	BQL	0.336	0.045	1	8/6/2009	
Dimethylphthalate	BQL	0.336	0.052	1	8/6/2009	
2,4-Dimethylphenol	BQL	0.336	0.061	1	8/6/2009	
Di-n-octylphthalate	BQL	0.336	0.052	1	8/6/2009	
4,6-Dinitro-2-methylphenol	BQL	1.68	0.040	1	8/6/2009	
2,4-Dinitrophenol	BQL	1.68	0.044	1	8/6/2009	
2,4-Dinitrotoluene	BQL	0.336	0.051	1	8/6/2009	
2,6-Dinitrotoluene	BQL	0.336	0.056	1	8/6/2009	
Fluoranthene	BQL	0.336	0.054	1	8/6/2009	
Fluorene	BQL	0.336	0.053	1	8/6/2009	
Hexachlorobenzene	BQL	0.336	0.073	1	8/6/2009	
Hexachlorobutadiene	BQL	0.336	0.061	1	8/6/2009	
Hexachlorocyclopentadiene	BQL	0.673	0.066	1	8/6/2009	
Hexachloroethane	BQL	0.336	0.053	1	8/6/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.336	0.040	1	8/6/2009	
Isophorone	BQL	0.336	0.049	1	8/6/2009	
2-Methylnaphthalene	BQL	0.336	0.055	1	8/6/2009	
2-Methylphenol	BQL	0.336	0.052	1	8/6/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-14 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-14F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.88 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:00
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 85.2

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.336	0.044	1	8/6/2009	
Naphthalene	BQL	0.336	0.047	1	8/6/2009	
2-Nitroaniline	BQL	0.336	0.045	1	8/6/2009	
3-Nitroaniline	BQL	1.68	0.050	1	8/6/2009	
4-Nitroaniline	BQL	1.68	0.045	1	8/6/2009	
Nitrobenzene	BQL	0.336	0.045	1	8/6/2009	
2-Nitrophenol	BQL	0.336	0.049	1	8/6/2009	
4-Nitrophenol	BQL	1.68	0.059	1	8/6/2009	
Diphenylamine *	BQL	0.336	0.054	1	8/6/2009	
Pentachlorophenol	BQL	1.68	0.031	1	8/6/2009	
Phenanthrene	BQL	0.336	0.047	1	8/6/2009	
Phenol	BQL	0.336	0.046	1	8/6/2009	
Pyrene	BQL	0.336	0.046	1	8/6/2009	
1,2,4-Trichlorobenzene	BQL	0.336	0.061	1	8/6/2009	
2,4,5-Trichlorophenol	BQL	0.336	0.050	1	8/6/2009	
2,4,6-Trichlorophenol	BQL	0.336	0.030	1	8/6/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.1	91		
2-Fluorophenol		10	8.8	88		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	7.3	73		
4-Terphenyl-d14		10	9.7	97		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-15 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-15F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.83 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:05
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 86.69

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.313	0.048	1	8/7/2009	
Acenaphthylene	BQL	0.313	0.044	1	8/7/2009	
Anthracene	BQL	0.313	0.043	1	8/7/2009	
Benzo[a]anthracene	BQL	0.313	0.043	1	8/7/2009	
Benzo[a]pyrene	BQL	0.313	0.045	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.313	0.044	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.313	0.055	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.313	0.045	1	8/7/2009	
Benzoic Acid	BQL	1.57	0.387	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.313	0.046	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.313	0.064	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.313	0.050	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.313	0.048	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.313	0.055	1	8/7/2009	
Butylbenzylphthalate	BQL	0.313	0.046	1	8/7/2009	
2-Chloronaphthalene	BQL	0.313	0.044	1	8/7/2009	
2-Chlorophenol	BQL	0.313	0.040	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.313	0.046	1	8/7/2009	
4-Chloroaniline	BQL	1.57	0.051	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.313	0.046	1	8/7/2009	
Chrysene	BQL	0.313	0.030	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.313	0.040	1	8/7/2009	
Dibenzofuran	BQL	0.313	0.044	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.313	0.046	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.313	0.053	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.313	0.051	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.313	0.045	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.626	0.052	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.313	0.034	1	8/7/2009	
Diethylphthalate	BQL	0.313	0.042	1	8/7/2009	
Dimethylphthalate	BQL	0.313	0.049	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.313	0.057	1	8/7/2009	
Di-n-octylphthalate	BQL	0.313	0.048	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.57	0.037	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.57	0.041	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.313	0.048	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.313	0.052	1	8/7/2009	
Fluoranthene	BQL	0.313	0.050	1	8/7/2009	
Fluorene	BQL	0.313	0.049	1	8/7/2009	
Hexachlorobenzene	BQL	0.313	0.068	1	8/7/2009	
Hexachlorobutadiene	BQL	0.313	0.057	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.626	0.061	1	8/7/2009	
Hexachloroethane	BQL	0.313	0.049	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.313	0.037	1	8/7/2009	
Isophorone	BQL	0.313	0.046	1	8/7/2009	
2-Methylnaphthalene	BQL	0.313	0.051	1	8/7/2009	
2-Methylphenol	BQL	0.313	0.048	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-15 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-15F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 36.83 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:05
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 86.69

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.313	0.041	1	8/7/2009	
Naphthalene	BQL	0.313	0.044	1	8/7/2009	
2-Nitroaniline	BQL	0.313	0.042	1	8/7/2009	
3-Nitroaniline	BQL	1.57	0.046	1	8/7/2009	
4-Nitroaniline	BQL	1.57	0.042	1	8/7/2009	
Nitrobenzene	BQL	0.313	0.042	1	8/7/2009	
2-Nitrophenol	BQL	0.313	0.046	1	8/7/2009	
4-Nitrophenol	BQL	1.57	0.055	1	8/7/2009	
Diphenylamine *	BQL	0.313	0.050	1	8/7/2009	
Pentachlorophenol	BQL	1.57	0.029	1	8/7/2009	
Phenanthrene	BQL	0.313	0.044	1	8/7/2009	
Phenol	BQL	0.313	0.043	1	8/7/2009	
Pyrene	BQL	0.313	0.043	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.313	0.056	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.313	0.047	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.313	0.028	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9	90		
2-Fluorophenol		10	8.6	86		
Nitrobenzene-d5		10	9.4	94		
Phenol-d6		10	9	90		
2,4,6-Tribromophenol		10	7.2	72		
4-Terphenyl-d14		10	9.2	92		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-16 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-16F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.78 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:10
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 87.02

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.351	0.054	1	8/7/2009	
Acenaphthylene	BQL	0.351	0.049	1	8/7/2009	
Anthracene	BQL	0.351	0.048	1	8/7/2009	
Benzo[a]anthracene	BQL	0.351	0.048	1	8/7/2009	
Benzo[a]pyrene	BQL	0.351	0.051	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.351	0.049	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.351	0.061	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.351	0.050	1	8/7/2009	
Benzoic Acid	BQL	1.75	0.433	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.351	0.052	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.351	0.071	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.351	0.056	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.351	0.054	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.351	0.062	1	8/7/2009	
Butylbenzylphthalate	BQL	0.351	0.052	1	8/7/2009	
2-Chloronaphthalene	BQL	0.351	0.049	1	8/7/2009	
2-Chlorophenol	BQL	0.351	0.045	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.351	0.051	1	8/7/2009	
4-Chloroaniline	BQL	1.75	0.057	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.351	0.052	1	8/7/2009	
Chrysene	BQL	0.351	0.034	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.351	0.045	1	8/7/2009	
Dibenzofuran	BQL	0.351	0.049	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.351	0.051	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.351	0.059	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.351	0.057	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.351	0.051	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.701	0.058	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.351	0.038	1	8/7/2009	
Diethylphthalate	BQL	0.351	0.047	1	8/7/2009	
Dimethylphthalate	BQL	0.351	0.054	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.351	0.064	1	8/7/2009	
Di-n-octylphthalate	BQL	0.351	0.054	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.75	0.042	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.75	0.046	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.351	0.053	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.351	0.058	1	8/7/2009	
Fluoranthene	BQL	0.351	0.056	1	8/7/2009	
Fluorene	BQL	0.351	0.055	1	8/7/2009	
Hexachlorobenzene	BQL	0.351	0.076	1	8/7/2009	
Hexachlorobutadiene	BQL	0.351	0.064	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.701	0.068	1	8/7/2009	
Hexachloroethane	BQL	0.351	0.055	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.351	0.041	1	8/7/2009	
Isophorone	BQL	0.351	0.051	1	8/7/2009	
2-Methylnaphthalene	BQL	0.351	0.057	1	8/7/2009	
2-Methylphenol	BQL	0.351	0.054	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-16 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-16F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.78 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:10
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 87.02

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.351	0.046	1	8/7/2009	
Naphthalene	BQL	0.351	0.049	1	8/7/2009	
2-Nitroaniline	BQL	0.351	0.047	1	8/7/2009	
3-Nitroaniline	BQL	1.75	0.052	1	8/7/2009	
4-Nitroaniline	BQL	1.75	0.047	1	8/7/2009	
Nitrobenzene	BQL	0.351	0.047	1	8/7/2009	
2-Nitrophenol	BQL	0.351	0.051	1	8/7/2009	
4-Nitrophenol	BQL	1.75	0.061	1	8/7/2009	
Diphenylamine *	BQL	0.351	0.056	1	8/7/2009	
Pentachlorophenol	BQL	1.75	0.032	1	8/7/2009	
Phenanthrene	BQL	0.351	0.049	1	8/7/2009	
Phenol	BQL	0.351	0.048	1	8/7/2009	
Pyrene	BQL	0.351	0.048	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.351	0.063	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.351	0.052	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.351	0.031	1	8/7/2009	

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.4	94
2-Fluorophenol	10	8.6	86
Nitrobenzene-d5	10	9.7	97
Phenol-d6	10	9.2	92
2,4,6-Tribromophenol	10	8.3	83
4-Terphenyl-d14	10	9.8	98

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

SGS North America, Inc.

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT/HA-17 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-17F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 35.27 g

Analyzed By: EAW
Date Collected: 7/30/2009 12:15
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 83.63

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.339	0.052	1	8/7/2009	
Acenaphthylene	BQL	0.339	0.048	1	8/7/2009	
Anthracene	BQL	0.339	0.046	1	8/7/2009	
Benzo[a]anthracene	BQL	0.339	0.046	1	8/7/2009	
Benzo[a]pyrene	BQL	0.339	0.049	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.339	0.047	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.339	0.059	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.339	0.048	1	8/7/2009	
Benzoic Acid	BQL	1.70	0.419	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.339	0.050	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.339	0.069	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.339	0.055	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.339	0.052	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.339	0.060	1	8/7/2009	
Butylbenzylphthalate	BQL	0.339	0.050	1	8/7/2009	
2-Chloronaphthalene	BQL	0.339	0.047	1	8/7/2009	
2-Chlorophenol	BQL	0.339	0.043	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.339	0.050	1	8/7/2009	
4-Chloroaniline	BQL	1.70	0.055	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.339	0.050	1	8/7/2009	
Chrysene	BQL	0.339	0.033	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.339	0.043	1	8/7/2009	
Dibenzofuran	BQL	0.339	0.048	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.339	0.050	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.339	0.057	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.339	0.055	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.339	0.049	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.678	0.056	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.339	0.037	1	8/7/2009	
Diethylphthalate	BQL	0.339	0.045	1	8/7/2009	
Dimethylphthalate	BQL	0.339	0.053	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.339	0.061	1	8/7/2009	
Di-n-octylphthalate	BQL	0.339	0.052	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.70	0.040	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.70	0.044	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.339	0.052	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.339	0.056	1	8/7/2009	
Fluoranthene	BQL	0.339	0.055	1	8/7/2009	
Fluorene	BQL	0.339	0.053	1	8/7/2009	
Hexachlorobenzene	BQL	0.339	0.074	1	8/7/2009	
Hexachlorobutadiene	BQL	0.339	0.062	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.678	0.066	1	8/7/2009	
Hexachloroethane	BQL	0.339	0.053	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.339	0.040	1	8/7/2009	
Isophorone	BQL	0.339	0.050	1	8/7/2009	
2-Methylnaphthalene	BQL	0.339	0.055	1	8/7/2009	
2-Methylphenol	BQL	0.339	0.052	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-17 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-17F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 35.27 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:15
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 83.63

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.339	0.044	1	8/7/2009	
Naphthalene	BQL	0.339	0.048	1	8/7/2009	
2-Nitroaniline	BQL	0.339	0.045	1	8/7/2009	
3-Nitroaniline	BQL	1.70	0.050	1	8/7/2009	
4-Nitroaniline	BQL	1.70	0.045	1	8/7/2009	
Nitrobenzene	BQL	0.339	0.045	1	8/7/2009	
2-Nitrophenol	BQL	0.339	0.050	1	8/7/2009	
4-Nitrophenol	BQL	1.70	0.059	1	8/7/2009	
Diphenylamine *	BQL	0.339	0.055	1	8/7/2009	
Pentachlorophenol	BQL	1.70	0.031	1	8/7/2009	
Phenanthrene	BQL	0.339	0.048	1	8/7/2009	
Phenol	BQL	0.339	0.046	1	8/7/2009	
Pyrene	BQL	0.339	0.046	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.339	0.061	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.339	0.051	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.339	0.030	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.8	98		
2-Fluorophenol		10	8.9	89		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	9.3	93		
2,4,6-Tribromophenol		10	8.6	86		
4-Terphenyl-d14		10	10	100		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: *DX*

Results for Semivolatiles
by GCMS 8270

Client Sample ID: DPT/HA-18 (1')
Client Project ID: DOT Parcel #01
Lab Sample ID: G128-2427-18F
Lab Project ID: G128-2427
Report Basis: Dry weight
Initial Weight: 31.46 g

Analyzed By: EAW
Date Collected: 7/30/2009 12:30
Date Received: 7/30/2009
Date Extracted: 8/5/2009
Matrix: Soil
% Solids: 76.68

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.415	0.063	1	8/7/2009	
Acenaphthylene	BQL	0.415	0.058	1	8/7/2009	
Anthracene	BQL	0.415	0.056	1	8/7/2009	
Benzo[a]anthracene	BQL	0.415	0.057	1	8/7/2009	
Benzo[a]pyrene	0.062	0.415	0.060	1	8/7/2009	J
Benzo[b]fluoranthene	BQL	0.415	0.058	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.415	0.072	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.415	0.059	1	8/7/2009	
Benzoic Acid	BQL	2.07	0.512	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.415	0.061	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.415	0.084	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.415	0.067	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.415	0.063	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.415	0.073	1	8/7/2009	
Butylbenzylphthalate	BQL	0.415	0.061	1	8/7/2009	
2-Chloronaphthalene	BQL	0.415	0.058	1	8/7/2009	
2-Chlorophenol	BQL	0.415	0.053	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.415	0.061	1	8/7/2009	
4-Chloroaniline	BQL	2.07	0.068	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.415	0.061	1	8/7/2009	
Chrysene	BQL	0.415	0.040	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.415	0.053	1	8/7/2009	
Dibenzofuran	BQL	0.415	0.058	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.415	0.061	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.415	0.070	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.415	0.067	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.415	0.060	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.829	0.068	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.415	0.045	1	8/7/2009	
Diethylphthalate	BQL	0.415	0.056	1	8/7/2009	
Dimethylphthalate	BQL	0.415	0.064	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.415	0.075	1	8/7/2009	
Di-n-octylphthalate	BQL	0.415	0.064	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	2.07	0.049	1	8/7/2009	
2,4-Dinitrophenol	BQL	2.07	0.054	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.415	0.063	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.415	0.068	1	8/7/2009	
Fluoranthene	BQL	0.415	0.067	1	8/7/2009	
Fluorene	BQL	0.415	0.065	1	8/7/2009	
Hexachlorobenzene	BQL	0.415	0.090	1	8/7/2009	
Hexachlorobutadiene	BQL	0.415	0.075	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.829	0.081	1	8/7/2009	
Hexachloroethane	BQL	0.415	0.065	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.415	0.049	1	8/7/2009	
Isophorone	BQL	0.415	0.061	1	8/7/2009	
2-Methylnaphthalene	BQL	0.415	0.068	1	8/7/2009	
2-Methylphenol	BQL	0.415	0.063	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-18 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-18F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.46 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:30
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 76.68

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.415	0.054	1	8/7/2009	
Naphthalene	BQL	0.415	0.058	1	8/7/2009	
2-Nitroaniline	BQL	0.415	0.056	1	8/7/2009	
3-Nitroaniline	BQL	2.07	0.061	1	8/7/2009	
4-Nitroaniline	BQL	2.07	0.056	1	8/7/2009	
Nitrobenzene	BQL	0.415	0.055	1	8/7/2009	
2-Nitrophenol	BQL	0.415	0.061	1	8/7/2009	
4-Nitrophenol	BQL	2.07	0.072	1	8/7/2009	
Diphenylamine *	BQL	0.415	0.067	1	8/7/2009	
Pentachlorophenol	BQL	2.07	0.038	1	8/7/2009	
Phenanthrene	BQL	0.415	0.058	1	8/7/2009	
Phenol	BQL	0.415	0.056	1	8/7/2009	
Pyrene	BQL	0.415	0.056	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.415	0.075	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.415	0.062	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.415	0.037	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.6	86		
2-Fluorophenol		10	8.2	82		
Nitrobenzene-d5		10	9.2	92		
Phenol-d6		10	8.4	84		
2,4,6-Tribromophenol		10	7.5	75		
4-Terphenyl-d14		10	9	90		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: EW

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-19 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-19F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.45 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:35
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 81.12

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.392	0.060	1	8/7/2009	
Acenaphthylene	BQL	0.392	0.055	1	8/7/2009	
Anthracene	BQL	0.392	0.053	1	8/7/2009	
Benzo[a]anthracene	BQL	0.392	0.054	1	8/7/2009	
Benzo[a]pyrene	BQL	0.392	0.056	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.392	0.055	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.392	0.068	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.392	0.056	1	8/7/2009	
Benzoic Acid	BQL	1.96	0.484	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.392	0.058	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.392	0.080	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.392	0.063	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.392	0.060	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.392	0.069	1	8/7/2009	
Butylbenzylphthalate	BQL	0.392	0.058	1	8/7/2009	
2-Chloronaphthalene	BQL	0.392	0.055	1	8/7/2009	
2-Chlorophenol	BQL	0.392	0.050	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.392	0.057	1	8/7/2009	
4-Chloroaniline	BQL	1.96	0.064	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.392	0.058	1	8/7/2009	
Chrysene	BQL	0.392	0.038	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.392	0.050	1	8/7/2009	
Dibenzofuran	BQL	0.392	0.055	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.392	0.057	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.392	0.066	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.392	0.064	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.392	0.057	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.784	0.065	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.392	0.043	1	8/7/2009	
Diethylphthalate	BQL	0.392	0.053	1	8/7/2009	
Dimethylphthalate	BQL	0.392	0.061	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.392	0.071	1	8/7/2009	
Di-n-octylphthalate	BQL	0.392	0.060	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.96	0.047	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.96	0.051	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.392	0.060	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.392	0.065	1	8/7/2009	
Fluoranthene	BQL	0.392	0.063	1	8/7/2009	
Fluorene	BQL	0.392	0.061	1	8/7/2009	
Hexachlorobenzene	BQL	0.392	0.085	1	8/7/2009	
Hexachlorobutadiene	BQL	0.392	0.071	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.784	0.076	1	8/7/2009	
Hexachloroethane	BQL	0.392	0.061	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.392	0.046	1	8/7/2009	
Isophorone	BQL	0.392	0.057	1	8/7/2009	
2-Methylnaphthalene	BQL	0.392	0.064	1	8/7/2009	
2-Methylphenol	BQL	0.392	0.060	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-19 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-19F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.45 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:35
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 81.12

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.392	0.051	1	8/7/2009	
Naphthalene	BQL	0.392	0.055	1	8/7/2009	
2-Nitroaniline	BQL	0.392	0.053	1	8/7/2009	
3-Nitroaniline	BQL	1.96	0.058	1	8/7/2009	
4-Nitroaniline	BQL	1.96	0.053	1	8/7/2009	
Nitrobenzene	BQL	0.392	0.052	1	8/7/2009	
2-Nitrophenol	BQL	0.392	0.057	1	8/7/2009	
4-Nitrophenol	BQL	1.96	0.068	1	8/7/2009	
Diphenylamine *	BQL	0.392	0.063	1	8/7/2009	
Pentachlorophenol	BQL	1.96	0.036	1	8/7/2009	
Phenanthrene	BQL	0.392	0.055	1	8/7/2009	
Phenol	BQL	0.392	0.053	1	8/7/2009	
Pyrene	BQL	0.392	0.053	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.392	0.071	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.392	0.058	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.392	0.035	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9	90		
2-Fluorophenol		10	8.5	85		
Nitrobenzene-d5		10	9.5	95		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	8.1	81		
4-Terphenyl-d14		10	9.7	97		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-20 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-20F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 37.94 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:40
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 82.82

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.318	0.049	1	8/7/2009	
Acenaphthylene	BQL	0.318	0.045	1	8/7/2009	
Anthracene	BQL	0.318	0.043	1	8/7/2009	
Benzo[a]anthracene	BQL	0.318	0.044	1	8/7/2009	
Benzo[a]pyrene	BQL	0.318	0.046	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.318	0.044	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.318	0.055	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.318	0.045	1	8/7/2009	
Benzoic Acid	BQL	1.59	0.393	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.318	0.047	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.318	0.065	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.318	0.051	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.318	0.049	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.318	0.056	1	8/7/2009	
Butylbenzylphthalate	BQL	0.318	0.047	1	8/7/2009	
2-Chloronaphthalene	BQL	0.318	0.044	1	8/7/2009	
2-Chlorophenol	BQL	0.318	0.040	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.318	0.047	1	8/7/2009	
4-Chloroaniline	BQL	1.59	0.052	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.318	0.047	1	8/7/2009	
Chrysene	BQL	0.318	0.031	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.318	0.041	1	8/7/2009	
Dibenzofuran	BQL	0.318	0.045	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.318	0.047	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.318	0.054	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.318	0.052	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.318	0.046	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.636	0.053	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.318	0.035	1	8/7/2009	
Diethylphthalate	BQL	0.318	0.043	1	8/7/2009	
Dimethylphthalate	BQL	0.318	0.049	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.318	0.058	1	8/7/2009	
Di-n-octylphthalate	BQL	0.318	0.049	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.59	0.038	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.59	0.041	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.318	0.048	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.318	0.053	1	8/7/2009	
Fluoranthene	BQL	0.318	0.051	1	8/7/2009	
Fluorene	BQL	0.318	0.050	1	8/7/2009	
Hexachlorobenzene	BQL	0.318	0.069	1	8/7/2009	
Hexachlorobutadiene	BQL	0.318	0.058	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.636	0.062	1	8/7/2009	
Hexachloroethane	BQL	0.318	0.050	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.318	0.038	1	8/7/2009	
Isophorone	BQL	0.318	0.047	1	8/7/2009	
2-Methylnaphthalene	BQL	0.318	0.052	1	8/7/2009	
2-Methylphenol	BQL	0.318	0.049	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-20 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-20F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 37.94 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:40
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 82.82

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.318	0.041	1	8/7/2009	
Naphthalene	BQL	0.318	0.045	1	8/7/2009	
2-Nitroaniline	BQL	0.318	0.043	1	8/7/2009	
3-Nitroaniline	BQL	1.59	0.047	1	8/7/2009	
4-Nitroaniline	BQL	1.59	0.043	1	8/7/2009	
Nitrobenzene	BQL	0.318	0.042	1	8/7/2009	
2-Nitrophenol	BQL	0.318	0.047	1	8/7/2009	
4-Nitrophenol	BQL	1.59	0.055	1	8/7/2009	
Diphenylamine *	BQL	0.318	0.051	1	8/7/2009	
Pentachlorophenol	BQL	1.59	0.029	1	8/7/2009	
Phenanthrene	BQL	0.318	0.045	1	8/7/2009	
Phenol	BQL	0.318	0.043	1	8/7/2009	
Pyrene	BQL	0.318	0.043	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.318	0.057	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.318	0.047	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.318	0.028	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9	90		
2-Fluorophenol		10	8.5	85		
Nitrobenzene-d5		10	9.5	95		
Phenol-d6		10	8.8	88		
2,4,6-Tribromophenol		10	8	80		
4-Terphenyl-d14		10	9.6	96		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: *ED*

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-21 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-21F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.83 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:45
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 79.68

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.382	0.059	1	8/7/2009	
Acenaphthylene	BQL	0.382	0.054	1	8/7/2009	
Anthracene	BQL	0.382	0.052	1	8/7/2009	
Benzo[a]anthracene	BQL	0.382	0.052	1	8/7/2009	
Benzo[a]pyrene	BQL	0.382	0.055	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.382	0.053	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.382	0.067	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.382	0.054	1	8/7/2009	
Benzoic Acid	BQL	1.91	0.472	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.382	0.056	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.382	0.078	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.382	0.062	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.382	0.059	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.382	0.068	1	8/7/2009	
Butylbenzylphthalate	BQL	0.382	0.057	1	8/7/2009	
2-Chloronaphthalene	BQL	0.382	0.053	1	8/7/2009	
2-Chlorophenol	BQL	0.382	0.049	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.382	0.056	1	8/7/2009	
4-Chloroaniline	BQL	1.91	0.062	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.382	0.056	1	8/7/2009	
Chrysene	BQL	0.382	0.037	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.382	0.049	1	8/7/2009	
Dibenzofuran	BQL	0.382	0.054	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.382	0.056	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.382	0.065	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.382	0.062	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.382	0.055	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.765	0.063	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.382	0.042	1	8/7/2009	
Diethylphthalate	BQL	0.382	0.051	1	8/7/2009	
Dimethylphthalate	BQL	0.382	0.059	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.382	0.069	1	8/7/2009	
Di-n-octylphthalate	BQL	0.382	0.059	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.91	0.046	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.91	0.050	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.382	0.058	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.382	0.063	1	8/7/2009	
Fluoranthene	BQL	0.382	0.062	1	8/7/2009	
Fluorene	BQL	0.382	0.060	1	8/7/2009	
Hexachlorobenzene	BQL	0.382	0.083	1	8/7/2009	
Hexachlorobutadiene	BQL	0.382	0.070	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.765	0.075	1	8/7/2009	
Hexachloroethane	BQL	0.382	0.060	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.382	0.045	1	8/7/2009	
Isophorone	BQL	0.382	0.056	1	8/7/2009	
2-Methylnaphthalene	BQL	0.382	0.062	1	8/7/2009	
2-Methylphenol	BQL	0.382	0.059	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-21 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-21F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.83 g

Analyzed By: EAW
 Date Collected: 7/30/2009 12:45
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 79.68

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.382	0.050	1	8/7/2009	
Naphthalene	BQL	0.382	0.054	1	8/7/2009	
2-Nitroaniline	BQL	0.382	0.051	1	8/7/2009	
3-Nitroaniline	BQL	1.91	0.056	1	8/7/2009	
4-Nitroaniline	BQL	1.91	0.051	1	8/7/2009	
Nitrobenzene	BQL	0.382	0.051	1	8/7/2009	
2-Nitrophenol	BQL	0.382	0.056	1	8/7/2009	
4-Nitrophenol	BQL	1.91	0.067	1	8/7/2009	
Diphenylamine *	BQL	0.382	0.062	1	8/7/2009	
Pentachlorophenol	BQL	1.91	0.035	1	8/7/2009	
Phenanthrene	BQL	0.382	0.054	1	8/7/2009	
Phenol	BQL	0.382	0.052	1	8/7/2009	
Pyrene	BQL	0.382	0.052	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.382	0.069	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.382	0.057	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.382	0.034	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.9	89		
2-Fluorophenol		10	8.5	85		
Nitrobenzene-d5		10	9.6	96		
Phenol-d6		10	8.9	88		
2,4,6-Tribromophenol		10	7.7	78		
4-Terphenyl-d14		10	9.9	99		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-22 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-22F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.88 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:15
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.66

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.359	0.055	1	8/7/2009	
Acenaphthylene	BQL	0.359	0.050	1	8/7/2009	
Anthracene	BQL	0.359	0.049	1	8/7/2009	
Benzo[a]anthracene	BQL	0.359	0.049	1	8/7/2009	
Benzo[a]pyrene	BQL	0.359	0.052	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.359	0.050	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.359	0.063	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.359	0.051	1	8/7/2009	
Benzoic Acid	BQL	1.80	0.444	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.359	0.053	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.359	0.073	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.359	0.058	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.359	0.055	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.359	0.064	1	8/7/2009	
Butylbenzylphthalate	BQL	0.359	0.053	1	8/7/2009	
2-Chloronaphthalene	BQL	0.359	0.050	1	8/7/2009	
2-Chlorophenol	BQL	0.359	0.046	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.359	0.052	1	8/7/2009	
4-Chloroaniline	BQL	1.80	0.059	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.359	0.053	1	8/7/2009	
Chrysene	BQL	0.359	0.035	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.359	0.046	1	8/7/2009	
Dibenzofuran	BQL	0.359	0.051	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.359	0.052	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.359	0.061	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.359	0.058	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.359	0.052	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.718	0.059	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.359	0.039	1	8/7/2009	
Diethylphthalate	BQL	0.359	0.048	1	8/7/2009	
Dimethylphthalate	BQL	0.359	0.056	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.359	0.065	1	8/7/2009	
Di-n-octylphthalate	BQL	0.359	0.055	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.80	0.043	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.80	0.047	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.359	0.055	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.359	0.059	1	8/7/2009	
Fluoranthene	BQL	0.359	0.058	1	8/7/2009	
Fluorene	BQL	0.359	0.056	1	8/7/2009	
Hexachlorobenzene	BQL	0.359	0.078	1	8/7/2009	
Hexachlorobutadiene	BQL	0.359	0.065	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.718	0.070	1	8/7/2009	
Hexachloroethane	BQL	0.359	0.056	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.359	0.042	1	8/7/2009	
Isophorone	BQL	0.359	0.052	1	8/7/2009	
2-Methylnaphthalene	BQL	0.359	0.059	1	8/7/2009	
2-Methylphenol	BQL	0.359	0.055	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-22 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-22F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.88 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:15
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.66

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.359	0.047	1	8/7/2009	
Naphthalene	BQL	0.359	0.050	1	8/7/2009	
2-Nitroaniline	BQL	0.359	0.048	1	8/7/2009	
3-Nitroaniline	BQL	1.80	0.053	1	8/7/2009	
4-Nitroaniline	BQL	1.80	0.048	1	8/7/2009	
Nitrobenzene	BQL	0.359	0.048	1	8/7/2009	
2-Nitrophenol	BQL	0.359	0.052	1	8/7/2009	
4-Nitrophenol	BQL	1.80	0.063	1	8/7/2009	
Diphenylamine *	BQL	0.359	0.058	1	8/7/2009	
Pentachlorophenol	BQL	1.80	0.033	1	8/7/2009	
Phenanthrene	BQL	0.359	0.050	1	8/7/2009	
Phenol	BQL	0.359	0.049	1	8/7/2009	
Pyrene	BQL	0.359	0.049	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.359	0.065	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.359	0.054	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.359	0.032	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	9.3	93		
2-Fluorophenol		10	9	90		
Nitrobenzene-d5		10	9.9	99		
Phenol-d6		10	9.1	91		
2,4,6-Tribromophenol		10	8.1	81		
4-Terphenyl-d14		10	10.1	101		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: EAW

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-23 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-23F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.37 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:20
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 82.99

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.351	0.054	1	8/7/2009	
Acenaphthylene	BQL	0.351	0.049	1	8/7/2009	
Anthracene	BQL	0.351	0.048	1	8/7/2009	
Benzo[a]anthracene	BQL	0.351	0.048	1	8/7/2009	
Benzo[a]pyrene	BQL	0.351	0.051	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.351	0.049	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.351	0.061	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.351	0.050	1	8/7/2009	
Benzoic Acid	BQL	1.75	0.433	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.351	0.052	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.351	0.071	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.351	0.056	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.351	0.054	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.351	0.062	1	8/7/2009	
Butylbenzylphthalate	BQL	0.351	0.052	1	8/7/2009	
2-Chloronaphthalene	BQL	0.351	0.049	1	8/7/2009	
2-Chlorophenol	BQL	0.351	0.045	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.351	0.051	1	8/7/2009	
4-Chloroaniline	BQL	1.75	0.057	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.351	0.052	1	8/7/2009	
Chrysene	BQL	0.351	0.034	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.351	0.045	1	8/7/2009	
Dibenzofuran	BQL	0.351	0.049	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.351	0.051	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.351	0.059	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.351	0.057	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.351	0.051	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.701	0.058	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.351	0.038	1	8/7/2009	
Diethylphthalate	BQL	0.351	0.047	1	8/7/2009	
Dimethylphthalate	BQL	0.351	0.054	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.351	0.064	1	8/7/2009	
Di-n-octylphthalate	BQL	0.351	0.054	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.75	0.042	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.75	0.046	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.351	0.053	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.351	0.058	1	8/7/2009	
Fluoranthene	BQL	0.351	0.056	1	8/7/2009	
Fluorene	BQL	0.351	0.055	1	8/7/2009	
Hexachlorobenzene	BQL	0.351	0.076	1	8/7/2009	
Hexachlorobutadiene	BQL	0.351	0.064	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.701	0.068	1	8/7/2009	
Hexachloroethane	BQL	0.351	0.055	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.351	0.041	1	8/7/2009	
Isophorone	BQL	0.351	0.051	1	8/7/2009	
2-Methylnaphthalene	BQL	0.351	0.057	1	8/7/2009	
2-Methylphenol	BQL	0.351	0.054	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-23 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-23F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 34.37 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:20
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 82.99

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.351	0.046	1	8/7/2009	
Naphthalene	BQL	0.351	0.049	1	8/7/2009	
2-Nitroaniline	BQL	0.351	0.047	1	8/7/2009	
3-Nitroaniline	BQL	1.75	0.052	1	8/7/2009	
4-Nitroaniline	BQL	1.75	0.047	1	8/7/2009	
Nitrobenzene	BQL	0.351	0.047	1	8/7/2009	
2-Nitrophenol	BQL	0.351	0.051	1	8/7/2009	
4-Nitrophenol	BQL	1.75	0.061	1	8/7/2009	
Diphenylamine *	BQL	0.351	0.056	1	8/7/2009	
Pentachlorophenol	BQL	1.75	0.032	1	8/7/2009	
Phenanthrene	BQL	0.351	0.049	1	8/7/2009	
Phenol	BQL	0.351	0.048	1	8/7/2009	
Pyrene	BQL	0.351	0.048	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.351	0.063	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.351	0.052	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.351	0.031	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.4	84		
2-Fluorophenol		10	7.8	78		
Nitrobenzene-d5		10	9	90		
Phenol-d6		10	8.1	81		
2,4,6-Tribromophenol		10	7.4	74		
4-Terphenyl-d14		10	9.3	93		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-24 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-24F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.51 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:25
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.56

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.364	0.056	1	8/7/2009	
Acenaphthylene	BQL	0.364	0.051	1	8/7/2009	
Anthracene	BQL	0.364	0.050	1	8/7/2009	
Benzo[a]anthracene	BQL	0.364	0.050	1	8/7/2009	
Benzo[a]pyrene	BQL	0.364	0.052	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.364	0.051	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.364	0.063	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.364	0.052	1	8/7/2009	
Benzoic Acid	BQL	1.82	0.449	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.364	0.054	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.364	0.074	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.364	0.059	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.364	0.056	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.364	0.064	1	8/7/2009	
Butylbenzylphthalate	BQL	0.364	0.054	1	8/7/2009	
2-Chloronaphthalene	BQL	0.364	0.051	1	8/7/2009	
2-Chlorophenol	BQL	0.364	0.046	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.364	0.053	1	8/7/2009	
4-Chloroaniline	BQL	1.82	0.059	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.364	0.054	1	8/7/2009	
Chrysene	BQL	0.364	0.035	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.364	0.047	1	8/7/2009	
Dibenzofuran	BQL	0.364	0.051	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.364	0.053	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.364	0.062	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.364	0.059	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.364	0.053	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.728	0.060	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.364	0.040	1	8/7/2009	
Diethylphthalate	BQL	0.364	0.049	1	8/7/2009	
Dimethylphthalate	BQL	0.364	0.056	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.364	0.066	1	8/7/2009	
Di-n-octylphthalate	BQL	0.364	0.056	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.82	0.043	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.82	0.047	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.364	0.055	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.364	0.060	1	8/7/2009	
Fluoranthene	BQL	0.364	0.059	1	8/7/2009	
Fluorene	BQL	0.364	0.057	1	8/7/2009	
Hexachlorobenzene	BQL	0.364	0.079	1	8/7/2009	
Hexachlorobutadiene	BQL	0.364	0.066	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.728	0.071	1	8/7/2009	
Hexachloroethane	BQL	0.364	0.057	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.364	0.043	1	8/7/2009	
Isophorone	BQL	0.364	0.053	1	8/7/2009	
2-Methylnaphthalene	BQL	0.364	0.059	1	8/7/2009	
2-Methylphenol	BQL	0.364	0.056	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-24 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-24F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.51 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:25
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.56

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.364	0.047	1	8/7/2009	
Naphthalene	BQL	0.364	0.051	1	8/7/2009	
2-Nitroaniline	BQL	0.364	0.049	1	8/7/2009	
3-Nitroaniline	BQL	1.82	0.054	1	8/7/2009	
4-Nitroaniline	BQL	1.82	0.049	1	8/7/2009	
Nitrobenzene	BQL	0.364	0.048	1	8/7/2009	
2-Nitrophenol	BQL	0.364	0.053	1	8/7/2009	
4-Nitrophenol	BQL	1.82	0.063	1	8/7/2009	
Diphenylamine *	BQL	0.364	0.059	1	8/7/2009	
Pentachlorophenol	BQL	1.82	0.034	1	8/7/2009	
Phenanthrene	BQL	0.364	0.051	1	8/7/2009	
Phenol	BQL	0.364	0.050	1	8/7/2009	
Pyrene	BQL	0.364	0.050	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.364	0.066	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.364	0.054	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.364	0.032	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.8	88		
2-Fluorophenol		10	8.2	82		
Nitrobenzene-d5		10	9.6	96		
Phenol-d6		10	8.9	89		
2,4,6-Tribromophenol		10	7.7	77		
4-Terphenyl-d14		10	9.6	96		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-25 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-25F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.23 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:30
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.55

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.367	0.056	1	8/7/2009	
Acenaphthylene	BQL	0.367	0.051	1	8/7/2009	
Anthracene	BQL	0.367	0.050	1	8/7/2009	
Benzo[a]anthracene	BQL	0.367	0.050	1	8/7/2009	
Benzo[a]pyrene	BQL	0.367	0.053	1	8/7/2009	
Benzo[b]fluoranthene	BQL	0.367	0.051	1	8/7/2009	
Benzo[g,h,i]perylene	BQL	0.367	0.064	1	8/7/2009	
Benzo[k]fluoranthene	BQL	0.367	0.052	1	8/7/2009	
Benzoic Acid	BQL	1.83	0.453	1	8/7/2009	
Bis(2-chloroethoxy)methane	BQL	0.367	0.054	1	8/7/2009	
Bis(2-chloroethyl)ether	BQL	0.367	0.075	1	8/7/2009	
Bis(2-chloroisopropyl)ether	BQL	0.367	0.059	1	8/7/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.367	0.056	1	8/7/2009	
4-bromophenyl phenyl ether	BQL	0.367	0.065	1	8/7/2009	
Butylbenzylphthalate	BQL	0.367	0.054	1	8/7/2009	
2-Chloronaphthalene	BQL	0.367	0.051	1	8/7/2009	
2-Chlorophenol	BQL	0.367	0.047	1	8/7/2009	
4-Chloro-3-methylphenol	BQL	0.367	0.054	1	8/7/2009	
4-Chloroaniline	BQL	1.83	0.060	1	8/7/2009	
4-Chlorophenyl phenyl ether	BQL	0.367	0.054	1	8/7/2009	
Chrysene	BQL	0.367	0.035	1	8/7/2009	
Dibenzo[a,h]anthracene	BQL	0.367	0.047	1	8/7/2009	
Dibenzofuran	BQL	0.367	0.052	1	8/7/2009	
Di-n-Butylphthalate	BQL	0.367	0.054	1	8/7/2009	
1,2-Dichlorobenzene	BQL	0.367	0.062	1	8/7/2009	
1,3-Dichlorobenzene	BQL	0.367	0.059	1	8/7/2009	
1,4-Dichlorobenzene	BQL	0.367	0.053	1	8/7/2009	
3,3'-Dichlorobenzidine	BQL	0.734	0.061	1	8/7/2009	
2,4-Dichlorophenol	BQL	0.367	0.040	1	8/7/2009	
Diethylphthalate	BQL	0.367	0.049	1	8/7/2009	
Dimethylphthalate	BQL	0.367	0.057	1	8/7/2009	
2,4-Dimethylphenol	BQL	0.367	0.066	1	8/7/2009	
Di-n-octylphthalate	BQL	0.367	0.057	1	8/7/2009	
4,6-Dinitro-2-methylphenol	BQL	1.83	0.044	1	8/7/2009	
2,4-Dinitrophenol	BQL	1.83	0.048	1	8/7/2009	
2,4-Dinitrotoluene	BQL	0.367	0.056	1	8/7/2009	
2,6-Dinitrotoluene	BQL	0.367	0.061	1	8/7/2009	
Fluoranthene	BQL	0.367	0.059	1	8/7/2009	
Fluorene	BQL	0.367	0.057	1	8/7/2009	
Hexachlorobenzene	BQL	0.367	0.080	1	8/7/2009	
Hexachlorobutadiene	BQL	0.367	0.067	1	8/7/2009	
Hexachlorocyclopentadiene	BQL	0.734	0.072	1	8/7/2009	
Hexachloroethane	BQL	0.367	0.057	1	8/7/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.367	0.043	1	8/7/2009	
Isophorone	BQL	0.367	0.054	1	8/7/2009	
2-Methylnaphthalene	BQL	0.367	0.060	1	8/7/2009	
2-Methylphenol	BQL	0.367	0.056	1	8/7/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-25 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-25F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 32.23 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:30
 Date Received: 7/30/2009
 Date Extracted: 8/5/2009
 Matrix: Soil
 % Solids: 84.55


Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.367	0.048	1	8/7/2009	
Naphthalene	BQL	0.367	0.051	1	8/7/2009	
2-Nitroaniline	BQL	0.367	0.049	1	8/7/2009	
3-Nitroaniline	BQL	1.83	0.054	1	8/7/2009	
4-Nitroaniline	BQL	1.83	0.049	1	8/7/2009	
Nitrobenzene	BQL	0.367	0.049	1	8/7/2009	
2-Nitrophenol	BQL	0.367	0.054	1	8/7/2009	
4-Nitrophenol	BQL	1.83	0.064	1	8/7/2009	
Diphenylamine *	BQL	0.367	0.059	1	8/7/2009	
Pentachlorophenol	BQL	1.83	0.034	1	8/7/2009	
Phenanthrene	BQL	0.367	0.051	1	8/7/2009	
Phenol	BQL	0.367	0.050	1	8/7/2009	
Pyrene	BQL	0.367	0.050	1	8/7/2009	
1,2,4-Trichlorobenzene	BQL	0.367	0.066	1	8/7/2009	
2,4,5-Trichlorophenol	BQL	0.367	0.055	1	8/7/2009	
2,4,6-Trichlorophenol	BQL	0.367	0.033	1	8/7/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.9	89		
2-Fluorophenol		10	7.7	78		
Nitrobenzene-d5		10	9.2	92		
Phenol-d6		10	8.3	83		
2,4,6-Tribromophenol		10	7.3	73		
4-Terphenyl-d14		10	9.1	91		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-26 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-26F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 33.66 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:35
 Date Received: 7/30/2009
 Date Extracted: 8/6/2009
 Matrix: Soil
 % Solids: 60.78

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.489	0.075	1	8/10/2009	
Acenaphthylene	BQL	0.489	0.068	1	8/10/2009	
Anthracene	BQL	0.489	0.067	1	8/10/2009	
Benzo[a]anthracene	BQL	0.489	0.067	1	8/10/2009	
Benzo[a]pyrene	BQL	0.489	0.070	1	8/10/2009	
Benzo[b]fluoranthene	BQL	0.489	0.068	1	8/10/2009	
Benzo[g,h,i]perylene	BQL	0.489	0.085	1	8/10/2009	
Benzo[k]fluoranthene	BQL	0.489	0.069	1	8/10/2009	
Benzoic Acid	BQL	2.44	0.604	1	8/10/2009	
Bis(2-chloroethoxy)methane	BQL	0.489	0.072	1	8/10/2009	
Bis(2-chloroethyl)ether	BQL	0.489	0.099	1	8/10/2009	
Bis(2-chloroisopropyl)ether	BQL	0.489	0.079	1	8/10/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.489	0.075	1	8/10/2009	
4-bromophenyl phenyl ether	BQL	0.489	0.087	1	8/10/2009	
Butylbenzylphthalate	BQL	0.489	0.072	1	8/10/2009	
2-Chloronaphthalene	BQL	0.489	0.068	1	8/10/2009	
2-Chlorophenol	BQL	0.489	0.062	1	8/10/2009	
4-Chloro-3-methylphenol	BQL	0.489	0.071	1	8/10/2009	
4-Chloroaniline	BQL	2.44	0.080	1	8/10/2009	
4-Chlorophenyl phenyl ether	BQL	0.489	0.072	1	8/10/2009	
Chrysene	BQL	0.489	0.047	1	8/10/2009	
Dibenzo[a,h]anthracene	BQL	0.489	0.063	1	8/10/2009	
Dibenzofuran	BQL	0.489	0.069	1	8/10/2009	
Di-n-Butylphthalate	BQL	0.489	0.071	1	8/10/2009	
1,2-Dichlorobenzene	BQL	0.489	0.083	1	8/10/2009	
1,3-Dichlorobenzene	BQL	0.489	0.079	1	8/10/2009	
1,4-Dichlorobenzene	BQL	0.489	0.071	1	8/10/2009	
3,3'-Dichlorobenzidine	BQL	0.978	0.081	1	8/10/2009	UJ
2,4-Dichlorophenol	BQL	0.489	0.053	1	8/10/2009	
Diethylphthalate	BQL	0.489	0.066	1	8/10/2009	
Dimethylphthalate	BQL	0.489	0.076	1	8/10/2009	
2,4-Dimethylphenol	BQL	0.489	0.089	1	8/10/2009	
Di-n-octylphthalate	BQL	0.489	0.075	1	8/10/2009	
4,6-Dinitro-2-methylphenol	BQL	2.44	0.058	1	8/10/2009	
2,4-Dinitrophenol	BQL	2.44	0.064	1	8/10/2009	
2,4-Dinitrotoluene	BQL	0.489	0.074	1	8/10/2009	
2,6-Dinitrotoluene	BQL	0.489	0.081	1	8/10/2009	
Fluoranthene	BQL	0.489	0.079	1	8/10/2009	
Fluorene	BQL	0.489	0.076	1	8/10/2009	
Hexachlorobenzene	BQL	0.489	0.106	1	8/10/2009	
Hexachlorobutadiene	BQL	0.489	0.089	1	8/10/2009	
Hexachlorocyclopentadiene	BQL	0.978	0.095	1	8/10/2009	
Hexachloroethane	BQL	0.489	0.076	1	8/10/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.489	0.058	1	8/10/2009	
Isophorone	BQL	0.489	0.071	1	8/10/2009	
2-Methylnaphthalene	BQL	0.489	0.080	1	8/10/2009	
2-Methylphenol	BQL	0.489	0.075	1	8/10/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-26 (2')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-26F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 33.66 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:35
 Date Received: 7/30/2009
 Date Extracted: 8/6/2009
 Matrix: Soil
 % Solids: 60.78

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.489	0.064	1	8/10/2009	
Naphthalene	BQL	0.489	0.068	1	8/10/2009	
2-Nitroaniline	BQL	0.489	0.066	1	8/10/2009	
3-Nitroaniline	BQL	2.44	0.072	1	8/10/2009	
4-Nitroaniline	BQL	2.44	0.066	1	8/10/2009	
Nitrobenzene	BQL	0.489	0.065	1	8/10/2009	
2-Nitrophenol	BQL	0.489	0.071	1	8/10/2009	
4-Nitrophenol	BQL	2.44	0.085	1	8/10/2009	
Diphenylamine *	BQL	0.489	0.079	1	8/10/2009	
Pentachlorophenol	BQL	2.44	0.045	1	8/10/2009	
Phenanthrene	BQL	0.489	0.068	1	8/10/2009	
Phenol	BQL	0.489	0.067	1	8/10/2009	
Pyrene	BQL	0.489	0.067	1	8/10/2009	
1,2,4-Trichlorobenzene	BQL	0.489	0.088	1	8/10/2009	
2,4,5-Trichlorophenol	BQL	0.489	0.073	1	8/10/2009	
2,4,6-Trichlorophenol	BQL	0.489	0.044	1	8/10/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	5.9	59		
2-Fluorophenol		10	8	80		
Nitrobenzene-d5		10	8.2	82		
Phenol-d6		10	8.3	83		
2,4,6-Tribromophenol		10	6	60		
4-Terphenyl-d14		10	5.6	56		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-27 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-27F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.11 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:40
 Date Received: 7/30/2009
 Date Extracted: 8/6/2009
 Matrix: Soil
 % Solids: 94.92

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
Acenaphthene	BQL	0.339	0.052	1	8/10/2009	
Acenaphthylene	BQL	0.339	0.047	1	8/10/2009	
Anthracene	BQL	0.339	0.046	1	8/10/2009	
Benzo[a]anthracene	BQL	0.339	0.046	1	8/10/2009	
Benzo[a]pyrene	BQL	0.339	0.049	1	8/10/2009	
Benzo[b]fluoranthene	BQL	0.339	0.047	1	8/10/2009	
Benzo[g,h,i]perylene	BQL	0.339	0.059	1	8/10/2009	
Benzo[k]fluoranthene	BQL	0.339	0.048	1	8/10/2009	
Benzoic Acid	BQL	1.69	0.418	1	8/10/2009	
Bis(2-chloroethoxy)methane	BQL	0.339	0.050	1	8/10/2009	
Bis(2-chloroethyl)ether	BQL	0.339	0.069	1	8/10/2009	
Bis(2-chloroisopropyl)ether	BQL	0.339	0.055	1	8/10/2009	
Bis(2-ethylhexyl)phthalate	BQL	0.339	0.052	1	8/10/2009	
4-bromophenyl phenyl ether	BQL	0.339	0.060	1	8/10/2009	
Butylbenzylphthalate	BQL	0.339	0.050	1	8/10/2009	
2-Chloronaphthalene	BQL	0.339	0.047	1	8/10/2009	
2-Chlorophenol	BQL	0.339	0.043	1	8/10/2009	
4-Chloro-3-methylphenol	BQL	0.339	0.049	1	8/10/2009	
4-Chloroaniline	BQL	1.69	0.055	1	8/10/2009	
4-Chlorophenyl phenyl ether	BQL	0.339	0.050	1	8/10/2009	
Chrysene	BQL	0.339	0.033	1	8/10/2009	
Dibenzo[a,h]anthracene	BQL	0.339	0.043	1	8/10/2009	
Dibenzofuran	BQL	0.339	0.048	1	8/10/2009	
Di-n-Butylphthalate	BQL	0.339	0.049	1	8/10/2009	
1,2-Dichlorobenzene	BQL	0.339	0.057	1	8/10/2009	
1,3-Dichlorobenzene	BQL	0.339	0.055	1	8/10/2009	
1,4-Dichlorobenzene	BQL	0.339	0.049	1	8/10/2009	
3,3'-Dichlorobenzidine	BQL	0.677	0.056	1	8/10/2009	UJ
2,4-Dichlorophenol	BQL	0.339	0.037	1	8/10/2009	
Diethylphthalate	BQL	0.339	0.045	1	8/10/2009	
Dimethylphthalate	BQL	0.339	0.053	1	8/10/2009	
2,4-Dimethylphenol	BQL	0.339	0.061	1	8/10/2009	
Di-n-octylphthalate	0.183	0.339	0.052	1	8/10/2009	J
4,6-Dinitro-2-methylphenol	BQL	1.69	0.040	1	8/10/2009	
2,4-Dinitrophenol	BQL	1.69	0.044	1	8/10/2009	
2,4-Dinitrotoluene	BQL	0.339	0.052	1	8/10/2009	
2,6-Dinitrotoluene	BQL	0.339	0.056	1	8/10/2009	
Fluoranthene	BQL	0.339	0.055	1	8/10/2009	
Fluorene	BQL	0.339	0.053	1	8/10/2009	
Hexachlorobenzene	BQL	0.339	0.074	1	8/10/2009	
Hexachlorobutadiene	BQL	0.339	0.062	1	8/10/2009	
Hexachlorocyclopentadiene	BQL	0.677	0.066	1	8/10/2009	
Hexachloroethane	BQL	0.339	0.053	1	8/10/2009	
Indeno(1,2,3-c,d)pyrene	BQL	0.339	0.040	1	8/10/2009	
Isophorone	BQL	0.339	0.049	1	8/10/2009	
2-Methylnaphthalene	BQL	0.339	0.055	1	8/10/2009	
2-Methylphenol	BQL	0.339	0.052	1	8/10/2009	

**Results for Semivolatiles
by GCMS 8270**

Client Sample ID: DPT/HA-27 (1')
 Client Project ID: DOT Parcel #01
 Lab Sample ID: G128-2427-27F
 Lab Project ID: G128-2427
 Report Basis: Dry weight
 Initial Weight: 31.11 g

Analyzed By: EAW
 Date Collected: 7/30/2009 13:40
 Date Received: 7/30/2009
 Date Extracted: 8/6/2009
 Matrix: Soil
 % Solids: 94.92

Compound	Result mg/Kg	RL mg/Kg	MDL mg/Kg	Dilution Factor	Date Analyzed	Flag
3- & 4-Methylphenol	BQL	0.339	0.044	1	8/10/2009	
Naphthalene	BQL	0.339	0.047	1	8/10/2009	
2-Nitroaniline	BQL	0.339	0.045	1	8/10/2009	
3-Nitroaniline	BQL	1.69	0.050	1	8/10/2009	
4-Nitroaniline	BQL	1.69	0.045	1	8/10/2009	
Nitrobenzene	BQL	0.339	0.045	1	8/10/2009	
2-Nitrophenol	BQL	0.339	0.049	1	8/10/2009	
4-Nitrophenol	BQL	1.69	0.059	1	8/10/2009	
Diphenylamine *	BQL	0.339	0.055	1	8/10/2009	
Pentachlorophenol	BQL	1.69	0.031	1	8/10/2009	
Phenanthrene	BQL	0.339	0.047	1	8/10/2009	
Phenol	BQL	0.339	0.046	1	8/10/2009	
Pyrene	BQL	0.339	0.046	1	8/10/2009	
1,2,4-Trichlorobenzene	BQL	0.339	0.061	1	8/10/2009	
2,4,5-Trichlorophenol	BQL	0.339	0.051	1	8/10/2009	
2,4,6-Trichlorophenol	BQL	0.339	0.030	1	8/10/2009	
		Spike Added	Spike Result	Percent Recovered		
2-Fluorobiphenyl		10	8.6	86		
2-Fluorophenol		10	8.1	81		
Nitrobenzene-d5		10	8.3	83		
Phenol-d6		10	8.8	88		
2,4,6-Tribromophenol		10	9	90		
4-Terphenyl-d14		10	9.5	95		

Comments:

* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:

BQL = Below Quantitation Limits.
 J = Detected below the quantitation limit.

Reviewed By: 



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1 CLIENT: **CATUN / NCDOT**

CONTACT: **Ben Asha @ CATUN** PHONE NO: **(910) 522-5861**

PROJECT: **DOT Parcel #01 STARS#: 34491.1.2**

REPORTS TO: **Ben @ CATUN & DOT**

INVOICE TO: **NCDOT**

FAX NO.: ()

QUOTE #:

P.O. NUMBER:

SGS Reference: **G128-2427** PAGE **1** OF **3**

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	REMARKS
	DPT-01 (2')	7/30/09	1050	SOIL	
	DPT-02 (2')		1100		
	DPT-03 (1-2')		1105		
	DPT-04 (1-2')		1110		
	DPT-05 (1-2')		1115		
	DPT-06 (1-2')		1120		
	DPT-07 (1-2')		1125		
	DPT-08 (1-2')		1130		
	DPT-09 (1-2')		1135		
	DPT-10 (1-2')		1140		

2

3

4

5

Preservatives Used: **10E**

Analysis Required: **3**

Shipping Carrier: **EDD**

Shipping Ticket No: **5-6**

Temperature °C: **5-6**

Samples Received Cold? (Circle) YES NO

Chain of Custody Seal: (Circle) INTACT BROKEN **ABSENT**

Special Deliverable Requirements: **EDD**

Special Instructions: **Please Report any Low RUNS, (Screening OK)**

Requested Turnaround Time: **RUSH** **STD**

Date Needed: _____

200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301

3500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab

Pink - Retained by Client

