

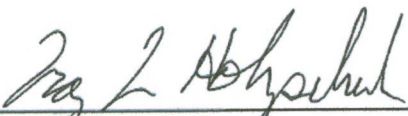


**NC Department of Transportation
Preliminary Site Assessment
State Project: U-2551
WBS Element: 34832.1.1**

**KHT & H, LLC Property
Parcel #34
January 14, 2011**

**AMEC Earth and Environmental, Inc. of North Carolina
AMEC Project: 562112551**





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TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
1.1 Site Location.....	1
1.2 Site Description.....	2
2.0 GEOLOGY.....	2
2.1 Regional Geology.....	2
2.2 Site Geology.....	3
3.0 FIELD ACTIVITIES.....	3
3.1 Preliminary Activities.....	3
3.2 Site Reconnaissance.....	3
3.3 Geophysical Survey.....	4
3.4 Well Survey.....	4
3.5 Soil Sampling.....	4
4.0 SOIL SAMPLING RESULTS.....	5
5.0 CONCLUSIONS.....	6
6.0 RECOMMENDATIONS.....	6

TABLES

Table 1	Soil Sampling Analytical Results, DRO-GRO
Table 2	Soil Sampling Analytical Results, VOC

FIGURES

Figure 1	Vicinity Map
Figure 2	Site Map with Sample Locations
Figure 3	Site Map with Analytical Data

APPENDICES

Appendix A	Photo Log
Appendix B	Boring Logs
Appendix C	Geophysical Report
Appendix D	Laboratory Analytical Report

1.0 INTRODUCTION

In accordance with the North Carolina Department of Transportation (NCDOT) Request for Proposal, dated November 3, 2010, AMEC Earth and Environmental, Inc. of North Carolina (AMEC) has performed a Preliminary Site Assessment (PSA) for the KHT & H, LLC Property (the Site) to be effected by a road improvement project along SR 1922, Enola Rd. The Site which is located on 303 Enola Rd currently operates as a gas station and is identified as Parcel #34 within the NCDOT U-2551 design project. The property, located just south of the on-ramp for I-40 eastbound, is in Morganton of Burke County, North Carolina. The investigation was conducted in accordance with AMEC's Technical and Cost proposal dated November 3, 2010.

NCDOT contracted AMEC to perform a PSA on the KHT &H, LLC Property due to the presence of three current and two additional former underground storage tanks (UST) on the property. The property is a gas station with convenience store. The PSA was performed to determine if soils have been impacted by total petroleum compounds or specific volatile organic compounds as a result of past or present uses of the property within the proposed expanded right-of-way (ROW). This parcel will be a total take by the NCDOT for the widening of the Enola Rd.

The following report summarizes the geophysical survey, presents location and capacities of USTs, and describes our field investigation with results of chemical analyses. The report includes the evaluation of the analytical data with regards to the presence or absence of soil contamination within the NCDOT proposed ROW and estimates the extent of soil contamination. Appendix A includes a photo log for Parcel #34.

1.1 Site Location and History

The Site is located on the eastern side of Enola Rd, just south of the on-ramp for I-40 eastbound in Morganton, Burke County, North Carolina. Figure 1 shows the site location and vicinity.

AMEC studied the NCDENR UST Registered Tanks Database which listed that one 1,000-gallon kerosene tank and four 4,000-gallon gasoline USTs were installed at STOP-N-SHOP #2 at 303 Enola Rd. on October 18, 1968. The NCDENR Database lists two UST as permanently closed and three UST as currently operational. AMEC also reviewed the NCDENR Incident Management Database and identified Incident #28380 STOP-N-SHOP #2 at 303 Enola Rd. in Morganton, NC. The incident was reported March 30, 2006. The associated close out date for the 1,000 gallon kerosene tank is June 30, 2006. The associated close out date for one 4,000 gallon gasoline tank is December 30, 2006.

1.2 Site Description

The Site is currently a gas station and convenience store called STOP-N-SHOP #2. The proposed DOT project will encompass the western half of the entire property of Parcel #34. Five USTs were observed at this facility at the time of this PSA. Appendix A includes a photo log for Parcel #34.

The surrounding properties are residential and commercial businesses. The parcel directly south is a Chick-Fil-A. The properties to the east and north of the site each have residential single family houses. Directly across Enola Road to the west is the Iverson Riddle Development Center, and to the southwest is West Crafts.

2.0 GEOLOGY

2.1 Regional Geology

The KHT & H, LLC Property is located within the Metamorphic sediments of the Inner Piedmont Physiographic Province of western North Carolina. The Inner Piedmont belt is the most intensely deformed and metamorphosed segment of the Piedmont. The metamorphic rocks range from 500 to 750 million years in age. They include gneiss and schist that have been intruded by younger granitic rocks. The northeast-trending Brevard fault zone forms much of the boundary between the Blue Ridge and Inner Piedmont belts.

2.2 Site Geology

Site geology was observed through the sampling of 11 shallow direct push probe soil borings (SB) onsite. Borings ranged in total depth of 10 feet to 15 feet below ground surface (bgs). Native soils generally consisted of orange, well sorted and clayey silt. Boring logs are presented in Appendix B.

Damp soil conditions were typically first encountered at a depth of 0.5 feet (ft) bgs.

3.0 FIELD ACTIVITIES

3.1 Preliminary Activities

Prior to commencing field sampling activities at the site, several tasks were accomplished in preparation for the subsurface investigation. The Health and Safety Plan (HSP) was modified to include the site-specific health and safety information necessary for the field activities. On December 2, 2010 a private utility locating company, Priority Underground Locating of Huntersville, North Carolina cleared the proposed drilling locations that were marked in the field by AMEC personnel. North Carolina-1-Call was contacted on December 6 to report the proposed drilling activities and subsequently notify all affected utilities for the parcel. Carolina Soil Investigations, LLC (CSI Drilling) of Olin, North Carolina was retained by AMEC to perform the direct push sampling for soil borings. AMEC coordinated with Schnabel Engineering South (Schnabel) who performed two geophysical surveys (electromagnetic and ground penetrating radar) onsite during December. The geophysical results were reviewed and discussed at the completion of each survey. Prism Laboratories, Inc. was contacted for acquisition of sample bottles. Soil boring locations were focused within the proposed expanded ROW.

3.2 Site Reconnaissance

AMEC personnel completed site reconnaissance on November 11, 2010. During reconnaissance, the area was visually examined for the presence of any UST or areas/obstructions that could potentially affect the subsurface investigation and the number of boring locations was discussed. Boring locations were marked on December 2, 2010.

3.3 Geophysical Survey

Schnabel performed the geophysical surveys on November 23 and December 1 and 2, 2010. Schnabel utilized a Geonics EM61-MK2 to perform the electromagnetic induction surveys and a Geophysical Survey Systems SIR-3000 to conduct the ground-penetrating radar (GPR) investigations. These instruments are specifically calibrated to detect metal anomalies that are buried deeply and are characteristically large. The data collected by Schnabel indicates the presence of four USTs in one tank bed within the proposed expanded ROW and one probable UST in a separate tank bed outside of the ROW.. The two UST's are denoted in Figure 2. Based on the geophysics report, each the four USTs located in the tank bed are expected to be 4,000 gallon in capacity and buried 3.5 to 4.5 feet bgs. The probable UST located to the east of the expanded ROW and at the southwest corner of the building is expected to be 270 gallon in capacity and buried 3 to 4 feet bgs. The complete report can be found in Appendix C.

3.4 Well Survey

No well survey was performed as part of this PSA.

3.5 Soil Sampling

Soil boring occurred on December 9, 2010 at Parcel #34. Eleven direct push soil borings were conducted within the proposed expanded ROW on Parcel #34, which includes the eastern half of the site. Figure 2 presents the Site Map with boring locations and identifications. These samples were located to optimize the likelihood of intercepting any potential soil contamination by targeting the four pump islands, UST bed, and fuel lines. Borings P34-SB-1 through P34-SB-3 were placed around the UST bed, while P34-SB-6 was placed just west of the center of the fuel line trench which connects the fuel dispensers to the tank bed. Borings P34-SB-4, -SB-5, and -SB-7 through -SB-9 were placed around the pump islands. Boring P34-SB-10 was placed on the due west of the former Kerosene dispenser. Boring P34-SB-11 was placed in the north eastern corner of the parcel to complete coverage of the investigated area. Boring locations did not exhibit elevated PID readings; therefore it was concluded that boring locations had adequate coverage of the site.

Soil samples were collected in accordance with EPA protocols in laboratory-supplied containers. The soil samples for Total Petroleum Hydrocarbons (TPH) –Gasoline Range

Organics (GRO) analysis were collected using the 5030 prep method with methanol preservation. Samples for TPH-Diesel Range Organics (DRO) analysis were collected in 4oz. glass containers. Samples for Volatile Organic Compounds (VOC) analysis were collected using the EPA Method 8260. Once placed in the containers, the samples were labeled with the sample number, time of collection, date of collection, name of the collector, and the requested analysis. The samples were packed on ice, and then hand delivered to Prism Laboratories in Charlotte, a North Carolina Certified Laboratory following proper chain-of-custody procedures.

4.0 SOIL SAMPLING RESULTS

AMEC conducted soil sampling at the Site on December 9, 2010. The purpose of the sampling was to determine if releases of petroleum hydrocarbons had occurred, and if so, to estimate the volume of soil that might require special handling during construction activities. The sampling was accomplished using direct push methods accompanied by field screening for organic vapors with a Photo Ionized Detector (PID). The laboratory results with PID readings are tabulated in Table 1. One boring, P34-SB-1, located due south of the tank bed exhibited PID readings throughout its soil column with a maximum reading of 20.5 parts per million (PPM) from the 4-6 ft bgs depth interval where the sample was obtained. As shown in Table 1, three other borings displayed minor PID readings

A minimum of one soil sample was collected from each of the 11 completed soil borings from Parcel #34. Typically, when impacted soil is identified, additional soil samples are obtained; however, at Parcel #34 PID readings did not warrant any additional soil samples. Analyses of soil samples for DRO and GRO did not indicate any sample locations with detections above the reporting limit as shown in Table 1. Analysis of soil samples for VOC's by EPA method 8260 did indicate detections for 12 constituents in one sample P34-SB-1 collected from the southern end of the tank bed. Benzene was reported at 93 $\mu\text{g}/\text{kg}$ which is above the Soil-to-Groundwater Maximum Soil Contaminant Concentration (MSCC) of 5.6 $\mu\text{g}/\text{kg}$. However benzene did not exceed the Residential MSCC of 18,000 $\mu\text{g}/\text{kg}$. The remaining 11 constituents for were not measured above the Soil to Groundwater MSCC. Acetone was reported in 9 of 11 samples, but is expected to have been introduced to the samples as a lab contaminant.. The remaining VOC constituents are Below Reporting Limits (BRL). Figure 3 shows the Site Map with Analytical Data.

Copies of the original laboratory report and chain-of-custody documentation are included as Appendix D.

5.0 CONCLUSIONS

The following conclusions are based upon AMEC's evaluation of field observations and laboratory analyses of samples collected from the Site on July 6, 2010.

- The property presently operates as a gas station with convenience store with four 4,000-gallon UST in one tank within the expanded ROW. A fifth probable 270-gallon UST was noted adjacent to the southwest building corner, which is outside the ROW.
- UST Database for Incident Management identifies the parcel as Incident #28380 with two tanks listed as closed out.
- NCDENR UST Registered Tanks Database identified the presence of three 4,000 gallon USTs at the Site.
- Eleven soil samples were collected and analyzed for TPH GRO and DRO.
- Eleven soil samples were collected and analyzed for Volatile Organic Compounds
- Laboratory analyses did not indicate DRO and GRO detections above the analytical method reporting level.
- Laboratory analyses did report measurable VOC in one sample but neither residential nor industrial MSCC were exceeded.

6.0 RECOMMENDATIONS

Since the parcel will be a total take the USTs, piping and dispensers must be properly closed by removal. Soil will have to be sampled during closure activities and handled following NCDENR's Tank Closure Guidelines. AMEC understands that a party other than NCDOT may implement the UST closure. Therefore NCDOT should still be wary of intercepting contaminated soil during road construction activities, and AMEC recommends the following potential action:

- Segregation, with proper assessment and handling, of potentially petroleum-impacted soil encountered during roadway improvement construction operations.

TABLES

Table 1
Soil Sampling Analytical Results, DRO-GRO
Parcel 34, KHT H, LLC Property (Stop N Shop 2)
NC DOT
Morganton, Burke County, North Carolina

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft bgs)	PID READINGS (ppm)	EPA Method 8015B	
				DRO (mg/kg)	GRO (mg/kg)
NC Action Levels				10	10
P34-SB-1	12/9/2010	4 - 6	20.4	<8.9	<6.2
P34-SB-2	12/9/2010	5 - 6	0	<8.7	<5.8
P34-SB-3	12/9/2010	8 - 10	0.3	<9.8	<9.2
P34-SB-4	12/9/2010	5 - 7	0	<8.3	<4.7
P34-SB-5	12/9/2010	4 - 5	0	<9.2	<5.6
P34-SB-6	12/9/2010	5 - 6	0	<8.7	<5.3
P34-SB-7	12/9/2010	6 - 7	0.3	<8.7	<4.6
P34-SB-8	12/9/2010	4 - 5	0.9	<9.1	<4.7
P34-SB-9	12/9/2010	4 - 5	0	<8.3	<5.0
P34-SB-10	12/9/2010	5 - 6	0	<8.7	<4.4
P34-SB-11	12/9/2010	4 - 5	0	<8.9	<5.1
NOTES: bgs = below ground surface; ppm = parts per million Bold Concentrations Exceed Action Levels DRO = Diesel Range Organics GRO = Gasoline Range Organics Standards derived from the North Carolina UST Section Guidelines for Assessment and Corrective Action					

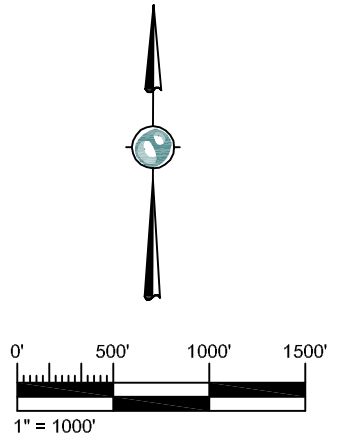
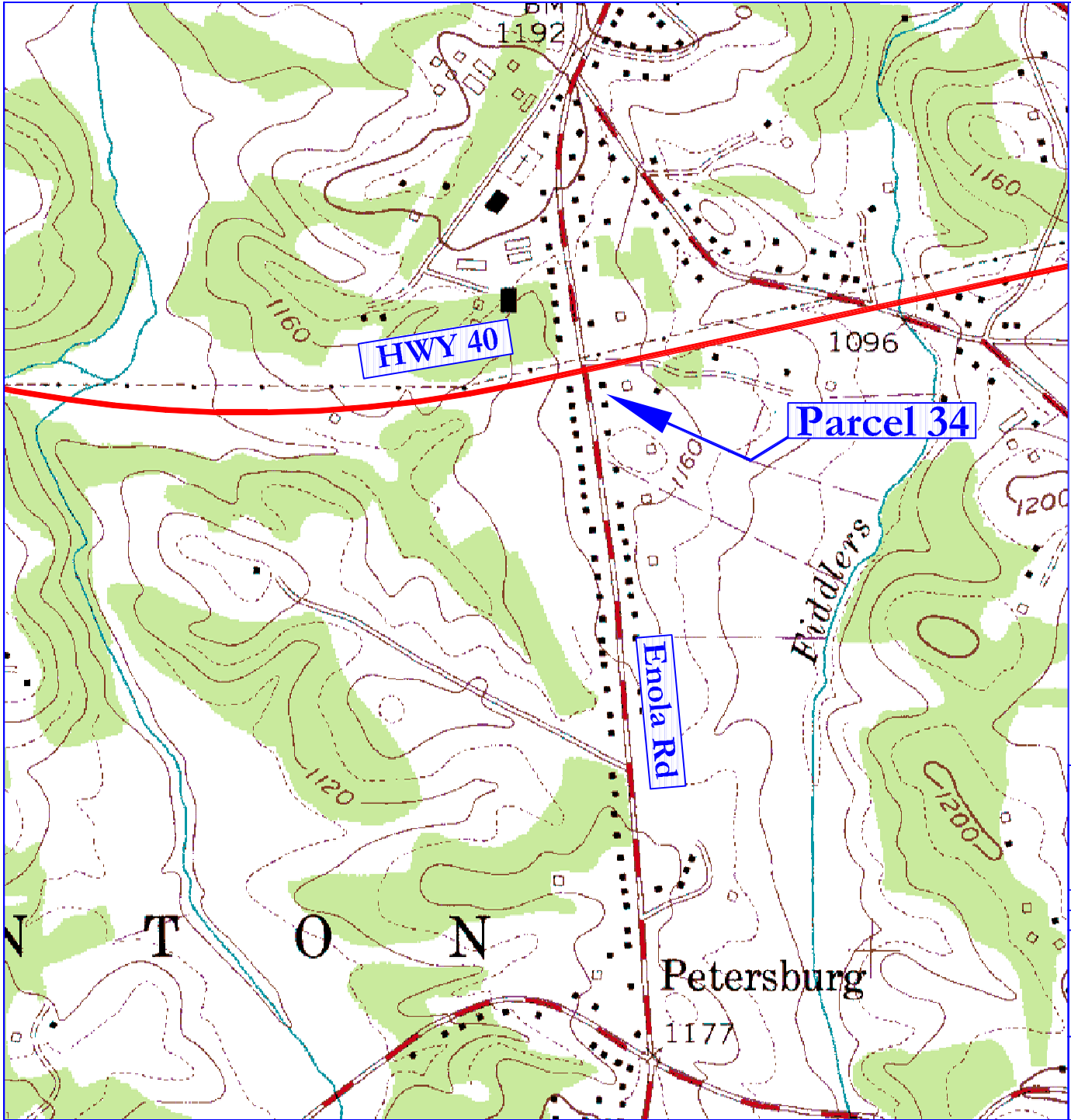
Table 2
Soil Analytical Data
Volatile Organic Compounds
Parcel 34, KHT H, LLC Property, (Stop N Shop 2)
Morganton, Burke County, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bls)	VOC 8260B (µg/kg)												
			1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acetone	Benzene	Ethylbenzene	Isopropyl-Ether	Isopropylbenzene	Xylenes (Total)	Methyl-tert-Butyl Ether	Naphthalene	4-Isopropyltoluene	1,2,3-Trichloropropane	Toluene
Industrial/Commercial MSCC			20,440,000	20,440,000	360,000,000	164,000	40,000,000	4,088,000	40,880,000	81,760,000	245,280,000	8,176,000	NE	NE	32,000,000
Residential MSCC			782,000	782,000	14,000,000	18,000	1,560,000	156,000	1,564,000	3,129,000	9,385,000	313,000	NE	NE	1,200,000
Soil-to-Groundwater MSCC			8,500	8,300	24,000	5.6	4,900	370	1,700	4,600	16,000	160	NE	NE	4,300
P-34-SB-1	12/9/2010	4 - 6	170	52	<19	93	84	7.5	8.7J	660	42	13	3.1J	4.7	140
P-34-SB-2	12/9/2010	5 - 6	<11	<11	<21	<3.2	<5.3	<5.3	<11	<11	<5.3	<5.3	<16	<5.3	<5.3
P-34-SB-3	12/9/2010	8 - 10	<14	<14	40	<4.3	<7.2	<7.2	<14	<14	<7.2	<7.2	<22	<7.2	<7.2
P-34-SB-4	12/9/2010	5 - 7	<9.9	<9.9	15J	<3.0	<5.0	<5.0	<9.9	<9.9	<5.0	<5.0	<15	<5.0	<5.0
P-34-SB-5	12/9/2010	4 - 5	<10	<10	12J	<3.0	<5.0	<5.0	<10	<10	<5.0	<5.0	<15	<5.0	<5.0
P-34-SB-6	12/9/2010	5 - 6	<11	<11	13J	<3.2	<5.3	<5.3	<11	<11	<5.3	<5.3	<16	<5.3	<5.3
P-34-SB-7	12/9/2010	6 - 7	<10	<10	13J	<3.0	<5.1	<5.1	<10	<10	<5.1	<5.1	<15	<5.1	<5.1
P-34-SB-8	12/9/2010	4 - 5	<9.1	<9.1	14J	<2.7	<4.6	<4.6	<9.1	<9.1	3.6J	3.6J	<14	<4.6	<4.6
P-34-SB-9	12/9/2010	4 - 5	<9.1	<9.1	11J	<2.7	<4.6	<4.6	<9.1	<9.1	<4.6	<4.6	<14	<4.6	<4.6
P-34-SB-10	12/9/2010	5 - 6	<11	<11	29	<3.2	<5.3	<5.3	<11	<11	<5.3	<5.3	<16	<5.3	<5.3
P-34-SB-11	12/9/2010	4 - 5	<9.4	<9.4	17J	<2.8	<4.7	<4.7	<9.4	<9.4	<4.7	<4.7	<14	<4.7	<4.7

NOTES:

All results and standards are in micrograms per kilogram (µg/kg)
 MSCC = Maximum soil contaminant concentration
 VOC = Volatile organic compounds
 ft bls = feet below ground surface
 NE = standard has not been established.
 NA = not analyzed
 J = indicates an estimated value
 B = indicates analyte found in associated method blank
 Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in **BOLD**
 Concentrations which exceed the Residential MSCC are highlighted
 Concentrations which exceed the Industrial/Commercial MSCC are highlighted

FIGURES



7.5 Minute Quadrangle
 North Carolina, 1983
 Photorevised 1993

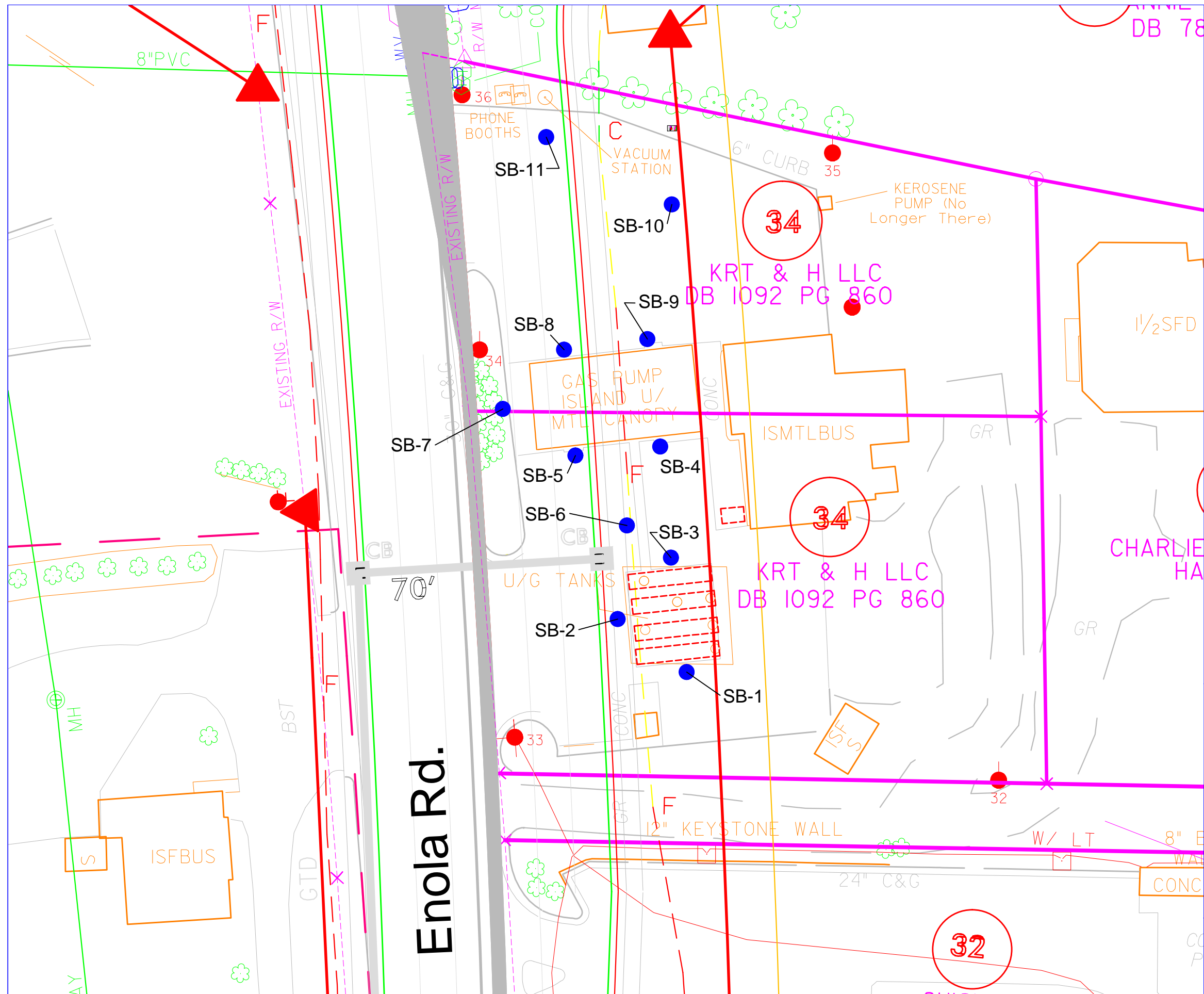
VICINITY MAP
 Parcel #34, KHT & H, LLC Property
 (Stop N Shop 2)
 Morganton, Burke County, NC

DRAWING NAME: J:\NCDOT\Burke\FIG1	DATE: 1/14/11
SCALE: 1 INCH = 1,000 FEET	DR: TLH
	CHK: HPC
	REV:









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 NC Department Of Transportation
 Geotechnical Unit
 WBS Element: 34832.1.1
 TIP# U-2551

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Figure:
 Figure 1



LEGEND

-  Proposed Right of Way
-  Existing Property Line
-  Existing Right of Way
-  Cut Line
-  Fill Line
-  Soil Boring Location December 2010
-  Probable UST
-  Utility Easement

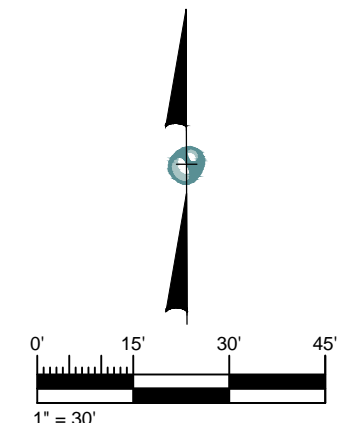
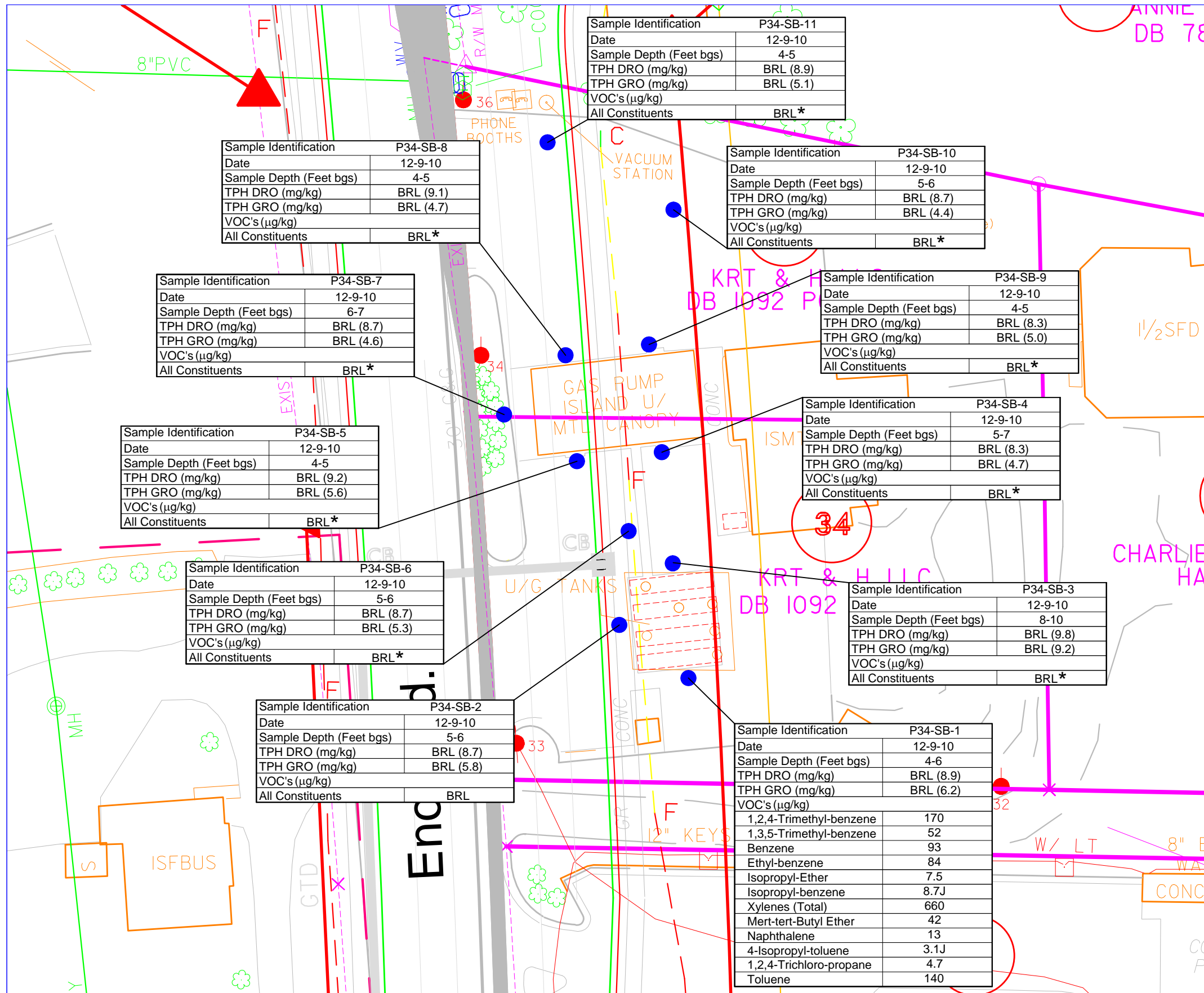


Figure 2
Parcel #34 KHT & H, LLC Property
Site Map With Sample Locations

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 TIP#U-2551





Sample Identification	P34-SB-11
Date	12-9-10
Sample Depth (Feet bgs)	4-5
TPH DRO (mg/kg)	BRL (8.9)
TPH GRO (mg/kg)	BRL (5.1)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-8
Date	12-9-10
Sample Depth (Feet bgs)	4-5
TPH DRO (mg/kg)	BRL (9.1)
TPH GRO (mg/kg)	BRL (4.7)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-10
Date	12-9-10
Sample Depth (Feet bgs)	5-6
TPH DRO (mg/kg)	BRL (8.7)
TPH GRO (mg/kg)	BRL (4.4)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-7
Date	12-9-10
Sample Depth (Feet bgs)	6-7
TPH DRO (mg/kg)	BRL (8.7)
TPH GRO (mg/kg)	BRL (4.6)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-9
Date	12-9-10
Sample Depth (Feet bgs)	4-5
TPH DRO (mg/kg)	BRL (8.3)
TPH GRO (mg/kg)	BRL (5.0)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-5
Date	12-9-10
Sample Depth (Feet bgs)	4-5
TPH DRO (mg/kg)	BRL (9.2)
TPH GRO (mg/kg)	BRL (5.6)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-4
Date	12-9-10
Sample Depth (Feet bgs)	5-7
TPH DRO (mg/kg)	BRL (8.3)
TPH GRO (mg/kg)	BRL (4.7)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-6
Date	12-9-10
Sample Depth (Feet bgs)	5-6
TPH DRO (mg/kg)	BRL (8.7)
TPH GRO (mg/kg)	BRL (5.3)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-3
Date	12-9-10
Sample Depth (Feet bgs)	8-10
TPH DRO (mg/kg)	BRL (9.8)
TPH GRO (mg/kg)	BRL (9.2)
VOC's (µg/kg)	BRL*
All Constituents	BRL*

Sample Identification	P34-SB-2
Date	12-9-10
Sample Depth (Feet bgs)	5-6
TPH DRO (mg/kg)	BRL (8.7)
TPH GRO (mg/kg)	BRL (5.8)
VOC's (µg/kg)	BRL
All Constituents	BRL

Sample Identification	P34-SB-1
Date	12-9-10
Sample Depth (Feet bgs)	4-6
TPH DRO (mg/kg)	BRL (8.9)
TPH GRO (mg/kg)	BRL (6.2)
VOC's (µg/kg)	
1,2,4-Trimethyl-benzene	170
1,3,5-Trimethyl-benzene	52
Benzene	93
Ethyl-benzene	84
Isopropyl-Ether	7.5
Isopropyl-benzene	8.7J
Xylenes (Total)	660
Mert-tert-Butyl Ether	42
Naphthalene	13
4-Isopropyl-toluene	3.1J
1,2,4-Trichloro-propane	4.7
Toluene	140

LEGEND

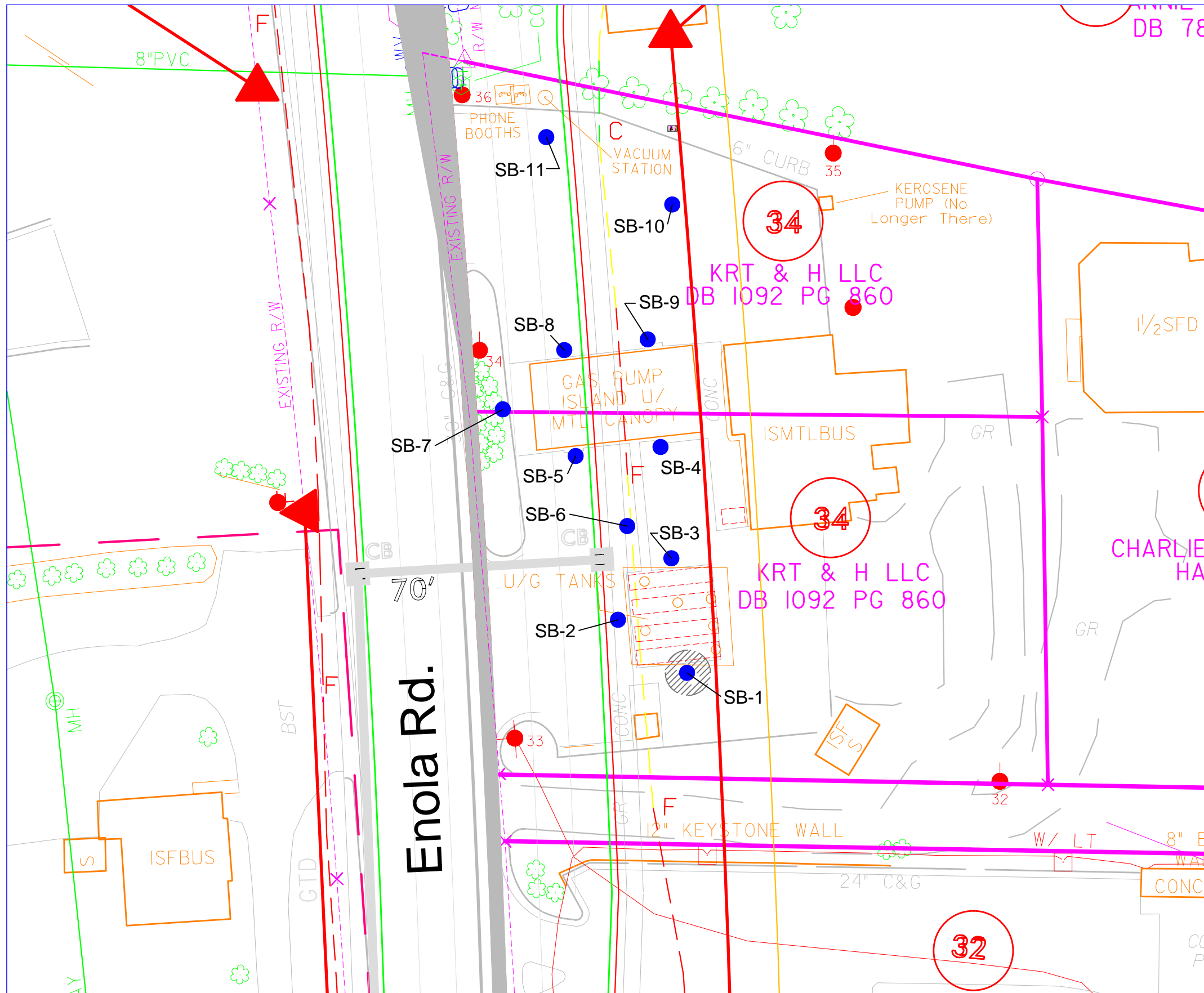
- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- Cut Line
- Fill Line
- Soil Boring Location December 2010
- Probable UST
- Utility Easement

BRL* Below Reporting Limits levels of acetone were detected in each sample suspected Laboratory contamination

Figure 3
Parcel #34 KHT & H, LLC Property
Site Map With Analytical Data

NC Department of Transportation
Geotechnical Unit
WBS Element: 34832.1.1
TIP#U-2551





LEGEND

- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- Cut Line
- Fill Line
- Soil Boring Location December 2010
- Probable UST
- Utility Easement
- Estimated Area of Contamination = 147 sq ft

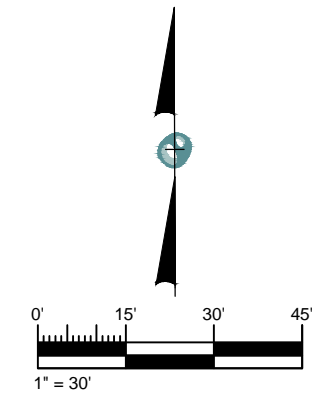


Figure 4
Parcel #34 KHT & H, LLC Property
Site Map With Estimated Area of Contamination

NC Department of Transportation
Geotechnical Unit
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TIP#U-2551



APPENDIX A

PHOTO LOG



Photo 1

Viewing North from the southwestern portion of the site.



Photo 2

Viewing east from the eastern portion of the site. The UST bed is in the foreground.



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PHOTOGRAPHIC LOG

Preliminary Site Assessment
Parcel 34,303 Enola Rd, Morganton, NC



Photo 3

Viewing driller using a hand auger prior to drilling next to UST bed.



Photo 4

Viewing west from south central portion of Parcel 34.



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DATE December 2010
PAGE

PHOTOGRAPHIC LOG

Preliminary Site Assessment
Parcel 34, 303 Enola Rd, Morganton, NC

APPENDIX B
BORING LOGS



AMEC Earth & Environmental, Inc.

BORING LOG

Boring/Well No.: P34-SB1	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Asphalt/Aggregate
0.5-3	0.3		Orange, Well Sorted, Clayey Silt, Damp
3-4	2.4		Brown, Well Sorted, Sand, Medium, Damp
4-6	20.4		Orange, Well Sorted, Clayey Silt, Damp
6-8	12.5		Orange, Well Sorted, Clayey Silt, Damp
8-11	6.8		Orange, Well Sorted, Clayey Silt, Damp
11-15	3.8		White/Tan, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)

Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:



AMEC Earth & Environmental, Inc.

BORING LOG

Boring/Well No.: P34-SB5	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Asphalt/Aggregate
0.5-1	0		Tan, Well Sorted, Sand, Medium, Damp
1-2	0		Orange, Well Sorted, Clayey Silt, Damp
2-4	0		Orange, Well Sorted, Clayey Silt, Damp
4-6	0		Orange, Well Sorted, Clayey Silt, Damp
6-8	0		Orange, Well Sorted, Sand, Medium, Damp
8-10	0		Tan/White, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)

Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:



AMEC Earth & Environmental, Inc. BORING LOG

Boring/Well No.: P34-SB7	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Grass
0.5-3	0		Orange, Well Sorted, Clay, Damp
3-5	0		Orange, Well Sorted, Clayey Silt, Damp
5-7	0.3		Orange, Well Sorted, Clayey Silt, Damp
7-10	0		Yellow/White, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)

Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:



AMEC Earth & Environmental, Inc.

BORING LOG

Boring/Well No.: P34-SB8	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Asphalt/Aggregate
0.5-1	0		Yellow, Well Sorted, Sand, Medium, Damp
1-3	0		Orange, Well Sorted, Clayey Silt, Damp
3-5	0.9		Orange, Well Sorted, Clayey Silt, Damp
5-7	0		Orange, Well Sorted, Clayey Silt, Damp
7-8	0		Yellow, Well Sorted, Silt, Damp
8-10	0		Tan, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)	
Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:



AMEC Earth & Environmental, Inc.
BORING LOG

Boring/Well No.: P34-SB9	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Asphalt/Aggregate
0.5-1	0		Tan, Well Sorted, Sand, Medium, Damp
1-3	0		Orange, Well Sorted, Clayey Silt, Damp
3-5	0		Orange, Well Sorted, Clayey Silt, Damp
5-7	0		Orange, Well Sorted, Clayey Silt, Damp
7-8	0		Yellow, Well Sorted, Clayey Silt, Damp
8-8.5	0		Yellow, Well Sorted, Silt, Damp
8.5-10	0		Pink and White, Marbled, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)

Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:



AMEC Earth & Environmental, Inc.
BORING LOG

Boring/Well No.: P34-SB11	Site Name: Parcel 34
Date: 12-9-10	Location: Morganton, Burke Co., NC
Job No.: 562112551	Sample Method: Direct Push
AMEC Rep: Troy Holzschuh	Drilling Method: Direct Push
Drilling Company: CSI	Driller Name/Cert #: Keith Speece - 2856-A

Remarks:

Depth (ft BLS)	PID/OVA Reading (ppm)	Blow Counts	Soil/Lithologic Description
0-0.5			Asphalt/Aggregate
0.5-1	0		Tan, Well Sorted, Sand, Medium, Damp
1-2	0		Orange, Well Sorted, Clay, Damp
2-4	0		Orange, Well Sorted, Clay, Damp
4-6	0		Orange, Well Sorted, Clayey Silt, Damp
6-8	0		Orange, Well Sorted, Clayey Silt, Damp
8-10	0		Yellow, Well Sorted, Sand, Medium, Damp

WELL CONSTRUCTION DETAILS (If Applicable)

Well Type/Diameter:	Outer Casing Interval:
Total Depth:	Outer Casing Diameter:
Screen Interval:	Bentonite Interval:
Sand Interval:	Slot Size:
Grout Interval:	Static Water Level:

APPENDIX C
GEOPHYSICAL SURVEY REPORT



January 4, 2011

Ms. Helen Corley, LG
AMEC Earth and Environmental of North Carolina, Inc.
101 W. Friendly Avenue, Suite 603
Greensboro, NC 27401

RE: State Project: U-2551
 WBS Element: 34832.1.1
 County: Burke
 Description: Morganton – SR 1922 (Enola Road)/SR 1924 (Old NC 18) from SR 2026
 (Arnold Drive) to NC 18 (South Sterling Street)

**Subject: Project 09210013.32 Report on Geophysical Surveys
 Parcel 34, Burke County, North Carolina**

Dear Ms. Corley:

SCHNABEL ENGINEERING SOUTH, PC (Schnabel) is pleased to present this report on the geophysical surveys we conducted on the subject property. We understand this letter report will be included as an appendix in your report to the NCDOT. The report includes two 11x17 color figures and three 8.5x11 color figures.

INTRODUCTION

The work described in this report was conducted on November 23 and December 2 and 3, 2010, by Schnabel under our 2009 contract with the NCDOT. The work was conducted over the accessible areas of the parcel as indicated by the NCDOT to support their environmental assessment of the subject property. Photographs of the parcel are included on Figure 1. The property is located on the east side of Enola Road just south of the on-ramp for I-40 eastbound in Morganton, NC. The purpose of the geophysical surveys was to locate possible metal underground storage tanks (USTs) in the accessible areas of the right-of-way and/or easement.

The geophysical investigation consisted of electromagnetic (EM) induction surveys using a Geonics EM61-MK2 instrument. The EM61 metal detector is used to locate metal objects buried up to about eight feet below ground surface. Ground-penetrating radar (GPR) investigations of selected EM61 anomalies, including areas of reinforced concrete, were conducted using a Geophysical Survey Systems SIR-3000 system equipped with a 400 MHz antenna. Photographs of the equipment used are shown on Figure 2.

FIELD METHODOLOGY

Locations of geophysical data points were obtained using a sub-meter Trimble Pro-XRS DGPS system. References to direction and location in this report are based on the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 83 datum, with units in US survey feet. The locations of existing site features (monitoring wells, signs, etc.) were recorded for later correlation with the geophysical data and for location references to the NCDOT drawings.

The EM61 data were collected along parallel survey lines spaced approximately 2.5 feet apart. The EM61 and DGPS data were recorded digitally using a field computer and later transferred to a desktop computer for data processing. The GPR data were collected along survey lines spaced one to two feet apart in orthogonal directions over areas of reinforced concrete and anomalous EM readings not attributed to cultural features. The GPR data were reviewed in the field to evaluate the possible presence of USTs. The GPR data also were recorded digitally and later transferred to a desktop computer for further review.

DISCUSSION OF RESULTS

The contoured EM61 data collected over Parcel 34 are shown on Figures 3 and 4. The EM61 early time gate results are plotted on Figure 3. The early time gate data provide the more sensitive detection of metal objects. Figure 4 shows the difference between the response of the top and bottom coils of the EM61 instrument (differential response). The difference is taken to remove the effect of surface and very shallowly buried metallic objects. Typically, the differential response emphasizes anomalies from deeper and larger objects such as USTs.

The early time gate and differential results show anomalies apparently caused by reinforced concrete, buried utilities, or known site features (Figures 3 and 4). The GPR data collected over the EM61 differential anomalies near the southwestern corner of the building indicate the presence of a probable UST located approximately 5 feet northwest of the southwestern corner of the building. The GPR data collected in the tank pit area indicate the presence of four known USTs approximately 20 to 30 feet southwest of the southwestern building corner. The USTs are inside the limits of the planned right-of way and/or easement. Example GPR images showing the reflections from the probable UST and the four known USTs are shown on Figures 3 and 4. Figures 3 and 4 also include the location of the probable and known USTs as marked in the field. The GPR data indicate that the probable UST is buried approximately 3.0 to 4.0 feet below ground surface and is about 3 feet in diameter and about 5 feet long, equivalent to a capacity of about 270 gallons. The GPR data indicate that the known USTs are buried approximately 3.5 to 4.5 feet below ground surface and are each about 5 feet in diameter and about 24 feet long, equivalent to a capacity of about 4,000 gallons. Photographs of the probable and known UST locations, as marked in the field, are included on Figure 5.

CONCLUSIONS

Our evaluation of the geophysical data collected on the subject property on Project U-2551 in Morganton, NC indicates the following:

The geophysical data indicate the presence of a probable UST on Parcel 34 located within approximately 5 feet of the southwestern corner of the building. The geophysical data indicate the presence of four known USTs located within approximately 20 to 30 feet of the southwestern corner of the building. The probable and known USTs are inside the planned right-of-way and/or easement. The probable UST is about 270-gallon capacity and is buried about 3.0 to 4.0 feet below ground surface. The known USTs are about 4,000-gallon capacity and are buried about 3.5 to 4.5 feet below ground surface.

LIMITATIONS

These services have been performed and this report prepared for AMEC Earth and Environmental of North Carolina, Inc. and the North Carolina Department of Transportation in accordance with generally accepted guidelines for conducting geophysical surveys. It is generally recognized that the results of geophysical surveys are non-unique and may not represent actual subsurface conditions.

We appreciate the opportunity to have provided these services. Please call if you need additional information or have any questions.

Sincerely,

SCHNABEL ENGINEERING SOUTH, PC



Jeremy S. Strohmeyer, LG
Project Manager



Edward D. Billington, LG
Senior Vice President

JW:JS:NB

Attachments: Figures (5)

FILE: G:\2009 PROJECTS\09210013 (NCDOT 2009 GEOTECH UNIT SERVICES)\09210013.32 (U-2551, BURKE COUNTY)\REPORT\PARCEL 34\SCHNABEL GEOPHYSICAL REPORT ON PARCEL 34 (U-2551).DOCX



Parcel 34 – KHT & H, LLC Property, looking southeast



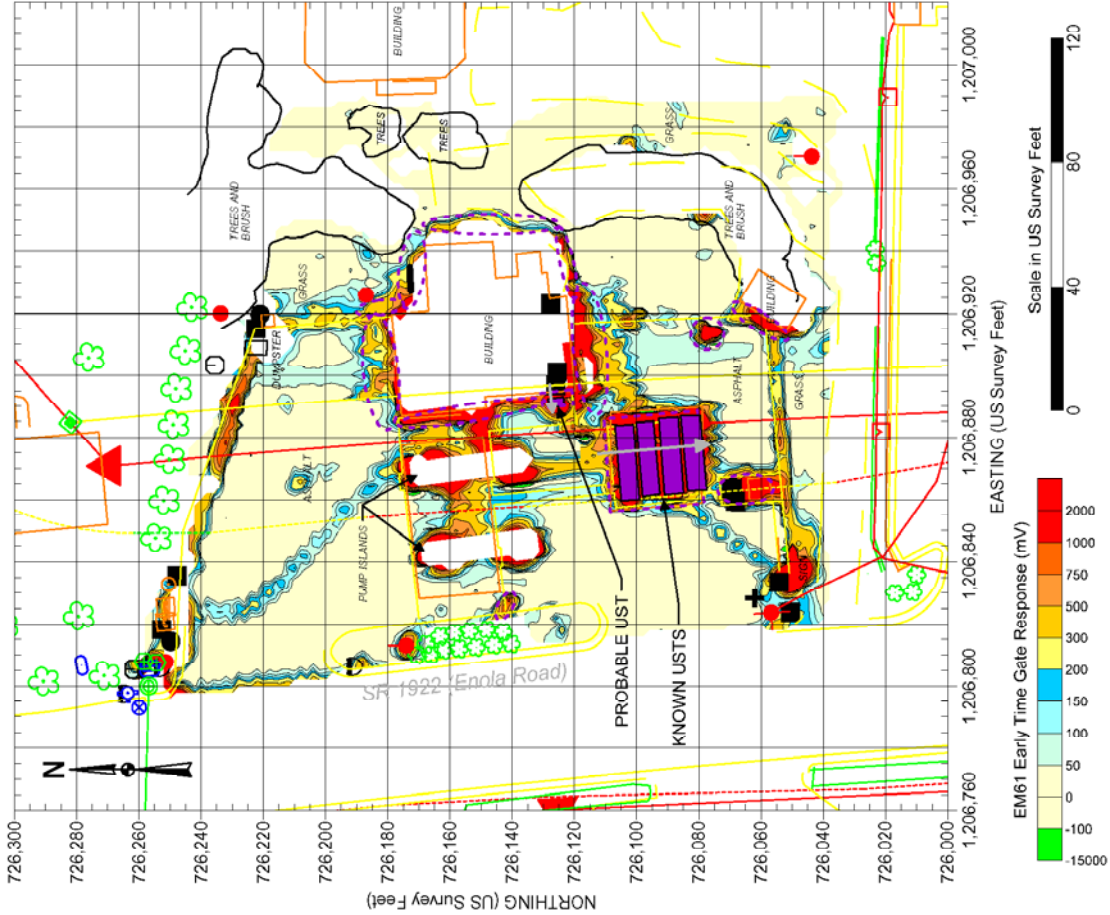
Parcel 34 – KHT & H, LLC Property, looking northeast



Geonics EM61-MK2



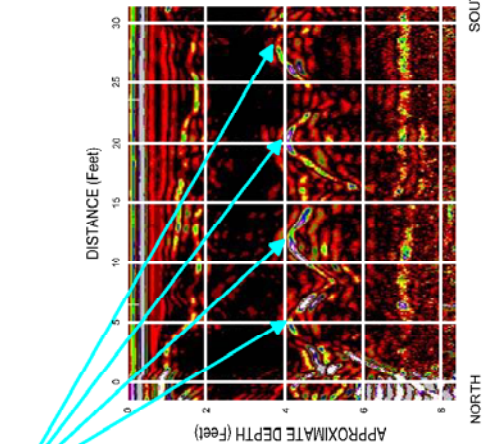
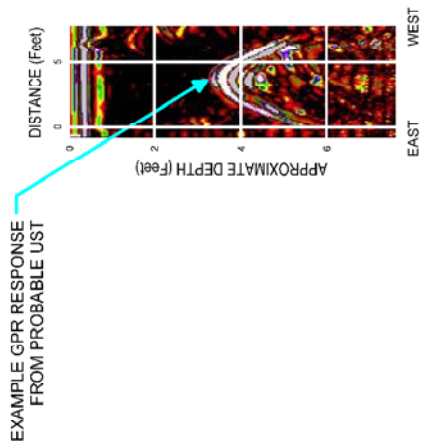
GSSI SIR-3000



EXPLANATION

○	SIGN
⊙	UTILITY POLE
+	GUY WIRE
⊠	MISCELLANEOUS METALLIC OBJECT
⊞	UTILITY LID
⊚	LIGHT POLE
⊛	STORM SEWER INLET
◆	UST LID
⊙	DOT PROPOSED RAW
⊙	DOT PROPOSED UTILITY EASEMENT
—	PROPERTY LINE
- - -	UTILITY (AS MARKED BY OTHERS OR AS PROVIDED BY NCDOT [VARIOUS COLORS])
⬆	EXAMPLE GPR LINE/LOCATION
⬆	GPR SURVEY GRID
⬆	LOCATION OF UST MARKED ON SITE

REF.: NCDOT FILES: U2551_rdy_psh_8.dgn & U2551_rdy_psh_9.dgn (FOR SOME SITE FEATURES)



Note: The contour plot shows the earliest and most sensitive time gate of the EM61 bottom coil/channel in millivolts (mV). The EM data were collected on November 23 and December 2, 2010, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina Zone 3200, using the NAD 1983 datum. GPR data were acquired on December 3, 2010, using a Geophysical Survey Systems SIR-3000 equipped with a 400 MHz antenna.

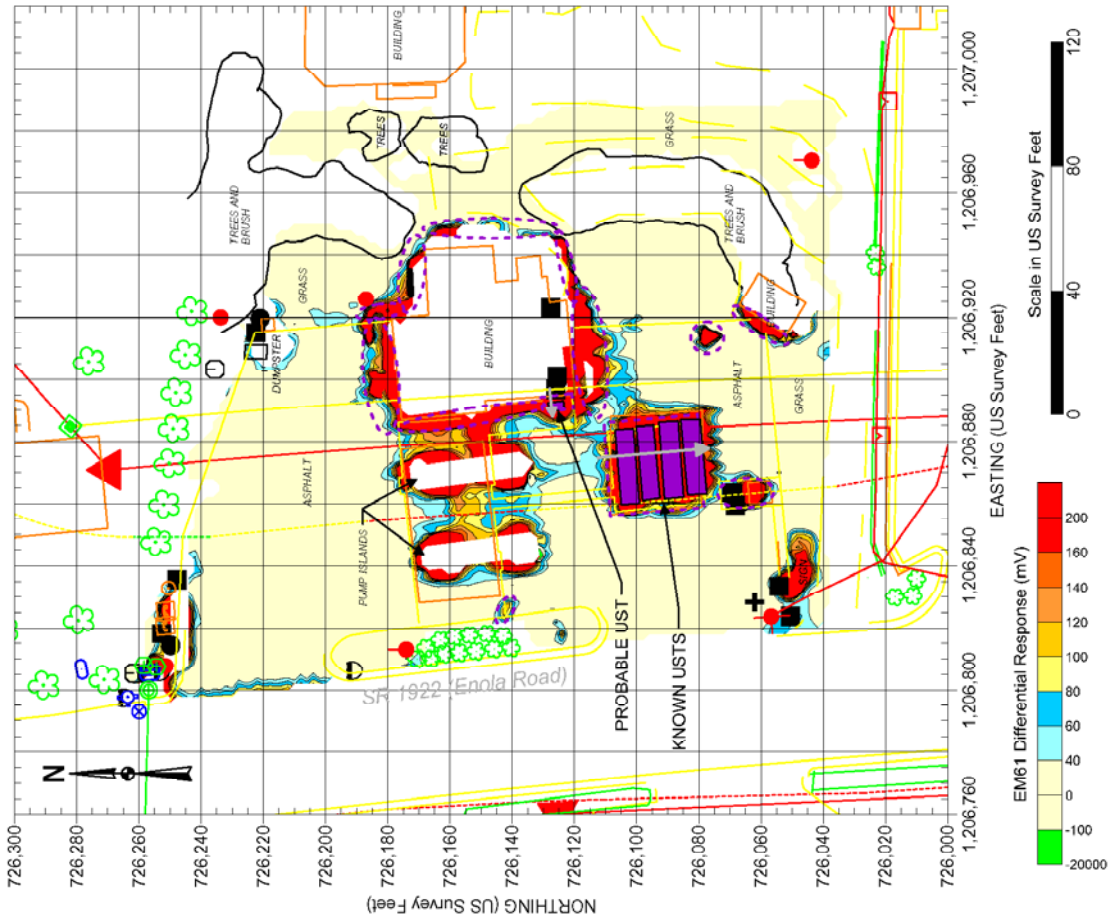


STATE PROJECT U-2551
BURKE COUNTY, NORTH CAROLINA
NC DEPARTMENT OF TRANSPORTATION
PROJECT NO. 982100-3.32

PARCEL 34
EARLY TIME GATE
RESPONSE

FIGURE 3

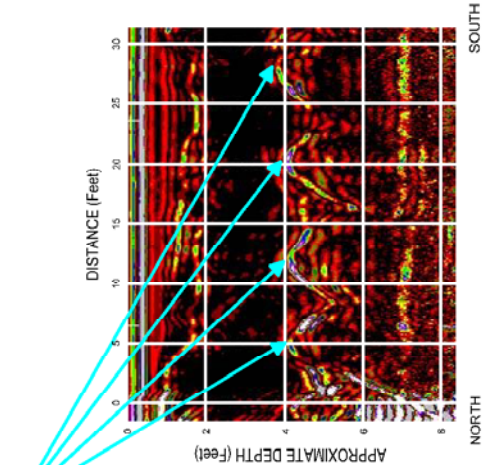
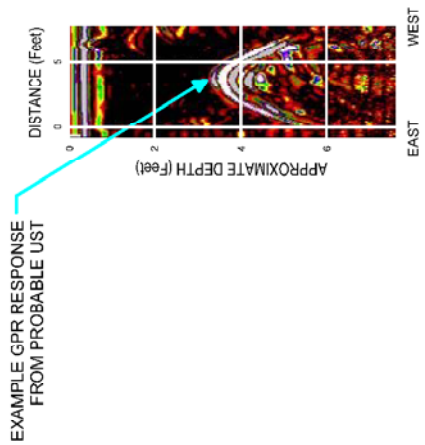
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EXPLANATION

○	SIGN
●	UTILITY POLE
+	GUY WIRE
■	MISCELLANEOUS METALLIC OBJECT
⊗	UTILITY LID
●	STORM SEWER INLET
◆	UST LID
○	DOT PROPOSED RAW
○	DOT PROPOSED UTILITY EASEMENT
—	PROPERTY LINE
- - -	UTILITY (AS MARKED BY OTHERS OR AS PROVIDED BY NCDOT (VARIOUS COLORS))
—	EXAMPLE GPR LINE/LOCATION
↑	GPR SURVEY GRID
□	LOCATION OF UST MARKED ON SITE

REF.: NCDOT FILES: U2551_rdy_psh_8.dgn & U2551_rdy_psh_9.dgn (FOR SOME SITE FEATURES)



Note: The contour plot shows the difference, in millivolts (mV), between the readings from the top and bottom coils of the EM61. The difference is taken to reduce the effect of shallow metal objects and emphasize anomalies caused by deeper metallic objects, such as drums and tanks. The EM data were collected on November 23 and December 2, 2010, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXR DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 1983 datum. GPR data were acquired on December 3, 2010, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.



STATE PROJECT U-2551
BURKE COUNTY, NORTH CAROLINA
NC DEPARTMENT OF TRANSPORTATION
PROJECT NO. 082100-3.32

PARCEL 34
DIFFERENTIAL
RESPONSE

FIGURE 4



Parcel 34 – KHT & H, LLC Property, looking west. Photo shows approximate marked location of four known UST's near the southwestern corner of the building.



Parcel 34 – KHT & H, LLC Property, looking east. Photo shows approximate marked location of a probable UST near the southwestern corner of the building.

APPENDIX D

LABORATORY ANALYTICAL RESULTS

AMEC Earth & Env. Inc.(DOT Gree)
Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel 34
Project No.: WBS #34832.1.1
Lab Submittal Date: 12/10/2010
Prism Work Order: 0120338

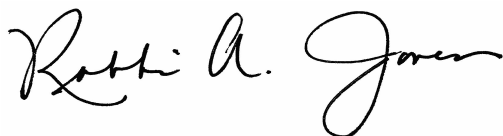
This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.



President/Project Manager



Reviewed By

Data Qualifiers Key Reference:

- A Surrogate recovery above the control limit. There was no detection of GRO in the sample. No further action was taken.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- M Matrix spike outside of the control limits.
- SR Surrogate recovery outside the QC limits.
- BRL Below Reporting Limit
- MDL Method Detection Limit
- RPD Relative Percent Difference
- * Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
P-34-SB-1 (4-6)	0120338-01	Solid	12/09/10	12/10/10
P-34-SB-2 (5-6)	0120338-02	Solid	12/09/10	12/10/10
P-34-SB-3 (8-10)	0120338-03	Solid	12/09/10	12/10/10
P-34-SB-4 (5-7)	0120338-04	Solid	12/09/10	12/10/10
P-34-SB-5 (4-5)	0120338-05	Solid	12/09/10	12/10/10
P-34-SB-6 (5-6)	0120338-06	Solid	12/09/10	12/10/10
P-34-SB-7 (6-7)	0120338-07	Solid	12/09/10	12/10/10
P-34-SB-8 (4-5)	0120338-08	Solid	12/09/10	12/10/10
P-34-SB-9 (4-5)	0120338-09	Solid	12/09/10	12/10/10
P-34-SB-10 (5-6)	0120338-10	Solid	12/09/10	12/10/10
P-34-SB-11 (4-5)	0120338-11	Solid	12/09/10	12/10/10

Samples received in good condition at 3.4 degrees C unless otherwise noted.

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-1 (4-6)
 Prism Sample ID: 0120338-01
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	--------------	-----	-----------------	--------	--------------------	---------	----------

Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.9	1.4	1	*8015C	12/18/10 0:14	JMV	P0L0363
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			96 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	6.2	0.81	50	*8015C	12/16/10 17:14	HPE	P0L0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			109 %		55-129	

General Chemistry Parameters

% Solids	78.0	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	P0L0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.7	1.6	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1,1-Trichloroethane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1,2-Trichloroethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1-Dichloroethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1-Dichloroethylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	P0L0361
1,1-Dichloropropylene	BRL	ug/kg dry	4.7	0.98	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.4	1.5	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2,3-Trichloropropane	BRL	ug/kg dry	4.7	2.0	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.4	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2,4-Trimethylbenzene	170	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.7	1.7	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2-Dibromoethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2-Dichlorobenzene	BRL	ug/kg dry	9.4	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2-Dichloroethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
1,2-Dichloropropane	BRL	ug/kg dry	4.7	1.4	1	8260B	12/16/10 22:46	KLA	P0L0361
1,3,5-Trimethylbenzene	52	ug/kg dry	9.4	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
1,3-Dichlorobenzene	BRL	ug/kg dry	9.4	1.1	1	8260B	12/16/10 22:46	KLA	P0L0361
1,3-Dichloropropane	BRL	ug/kg dry	4.7	0.97	1	8260B	12/16/10 22:46	KLA	P0L0361
1,4-Dichlorobenzene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
2,2-Dichloropropane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	P0L0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.4	1.4	1	8260B	12/16/10 22:46	KLA	P0L0361
2-Chlorotoluene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
4-Chlorotoluene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	P0L0361
4-Isopropyltoluene	3.1 J	ug/kg dry	14	1.4	1	8260B	12/16/10 22:46	KLA	P0L0361
Acetone	BRL	ug/kg dry	19	2.0	1	8260B	12/16/10 22:46	KLA	P0L0361
Acrolein	BRL	ug/kg dry	94	3.6	1	8260B	12/16/10 22:46	KLA	P0L0361
Acrylonitrile	BRL	ug/kg dry	94	2.1	1	8260B	12/16/10 22:46	KLA	P0L0361
Benzene	93	ug/kg dry	2.8	1.3	1	8260B	12/16/10 22:46	KLA	P0L0361
Bromobenzene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	P0L0361

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-1 (4-6)
 Prism Sample ID: 0120338-01
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
Bromoform	BRL	ug/kg dry	4.7	1.0	1	8260B	12/16/10 22:46	KLA	POL0361
Bromomethane	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	9.4	0.96	1	8260B	12/16/10 22:46	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	4.7	1.4	1	8260B	12/16/10 22:46	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
Chloroethane	BRL	ug/kg dry	9.4	2.4	1	8260B	12/16/10 22:46	KLA	POL0361
Chloroform	BRL	ug/kg dry	4.7	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Chloromethane	BRL	ug/kg dry	9.4	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	9.4	0.97	1	8260B	12/16/10 22:46	KLA	POL0361
Ethylbenzene	84	ug/kg dry	4.7	0.98	1	8260B	12/16/10 22:46	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	14	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
Isopropyl Ether	7.5	ug/kg dry	4.7	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Isopropylbenzene (Cumene)	8.7 J	ug/kg dry	9.4	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
m,p-Xylenes	350	ug/kg dry	9.4	2.5	1	8260B	12/16/10 22:46	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	47	1.4	1	8260B	12/16/10 22:46	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	19	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.4	1.0	1	8260B	12/16/10 22:46	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Methyl-tert-Butyl Ether	42	ug/kg dry	4.7	0.98	1	8260B	12/16/10 22:46	KLA	POL0361
Naphthalene	13	ug/kg dry	4.7	2.6	1	8260B	12/16/10 22:46	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	14	1.7	1	8260B	12/16/10 22:46	KLA	POL0361
n-Propylbenzene	23	ug/kg dry	9.4	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
o-Xylene	310	ug/kg dry	240	52	50	8260B	12/17/10 16:56	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	14	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Styrene	BRL	ug/kg dry	4.7	0.92	1	8260B	12/16/10 22:46	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	19	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	POL0361
Toluene	140	ug/kg dry	4.7	1.1	1	8260B	12/16/10 22:46	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.7	0.93	1	8260B	12/16/10 22:46	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.7	0.94	1	8260B	12/16/10 22:46	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/16/10 22:46	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	9.4	3.2	1	8260B	12/16/10 22:46	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	9.4	1.2	1	8260B	12/16/10 22:46	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	105 %	70-130
Dibromofluoromethane	104 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-1 (4-6)
Prism Sample ID: 0120338-01
Prism Work Order: 0120338
Time Collected: 12/09/10 14:00
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				102 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-2 (5-6)
 Prism Sample ID: 0120338-02
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.7	1.4	1	*8015C	12/17/10 23:39	JMV	POL0363
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			77 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	5.8	0.76	50	*8015C	12/16/10 17:44	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			115 %		55-129	

General Chemistry Parameters

% Solids	79.9	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.8	1	8260B	12/16/10 23:19	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	11	1.7	1	8260B	12/16/10 23:19	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.3	2.2	1	8260B	12/16/10 23:19	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.3	1.9	1	8260B	12/16/10 23:19	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.3	1.6	1	8260B	12/16/10 23:19	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.3	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	11	1.6	1	8260B	12/16/10 23:19	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	16	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
Acetone	BRL	ug/kg dry	21	2.3	1	8260B	12/16/10 23:19	KLA	POL0361
Acrolein	BRL	ug/kg dry	110	4.0	1	8260B	12/16/10 23:19	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	110	2.3	1	8260B	12/16/10 23:19	KLA	POL0361
Benzene	BRL	ug/kg dry	3.2	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-2 (5-6)
 Prism Sample ID: 0120338-02
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
Bromomethane	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	11	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
Chloroethane	BRL	ug/kg dry	11	2.7	1	8260B	12/16/10 23:19	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
Chloromethane	BRL	ug/kg dry	11	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	11	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	16	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	11	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	11	2.8	1	8260B	12/16/10 23:19	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	53	1.6	1	8260B	12/16/10 23:19	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	21	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	11	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.3	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.3	2.9	1	8260B	12/16/10 23:19	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	16	1.9	1	8260B	12/16/10 23:19	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	11	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/16/10 23:19	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	16	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Styrene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/16/10 23:19	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	21	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361
Toluene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/16/10 23:19	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/16/10 23:19	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/16/10 23:19	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/16/10 23:19	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	11	3.6	1	8260B	12/16/10 23:19	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/16/10 23:19	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	99 %	70-130
Dibromofluoromethane	105 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-2 (5-6)
Prism Sample ID: 0120338-02
Prism Work Order: 0120338
Time Collected: 12/09/10 14:10
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				105 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-3 (8-10)
 Prism Sample ID: 0120338-03
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:25
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	9.8	1.9	1	*8015C	12/17/10 23:03	JMV	POL0363
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			78 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	9.2	1.2	50	*8015C	12/16/10 18:15	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			107 %		55-129	

General Chemistry Parameters

% Solids	60.7	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	7.2	2.4	1	8260B	12/16/10 23:52	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	7.2	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	7.2	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	7.2	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	14	2.4	1	8260B	12/16/10 23:52	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	7.2	3.0	1	8260B	12/16/10 23:52	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	14	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	14	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	7.2	2.6	1	8260B	12/16/10 23:52	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	14	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	7.2	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	7.2	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	14	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	14	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	7.2	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	14	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	14	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	14	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	14	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	22	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
Acetone	40	ug/kg dry	29	3.1	1	8260B	12/16/10 23:52	KLA	POL0361
Acrolein	BRL	ug/kg dry	140	5.5	1	8260B	12/16/10 23:52	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	140	3.2	1	8260B	12/16/10 23:52	KLA	POL0361
Benzene	BRL	ug/kg dry	4.3	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	7.2	1.8	1	8260B	12/16/10 23:52	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-3 (8-10)
 Prism Sample ID: 0120338-03
 Prism Work Order: 0120338
 Time Collected: 12/09/10 14:25
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
Bromoform	BRL	ug/kg dry	7.2	1.6	1	8260B	12/16/10 23:52	KLA	POL0361
Bromomethane	BRL	ug/kg dry	14	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	14	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	7.2	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	7.2	1.6	1	8260B	12/16/10 23:52	KLA	POL0361
Chloroethane	BRL	ug/kg dry	14	3.7	1	8260B	12/16/10 23:52	KLA	POL0361
Chloroform	BRL	ug/kg dry	7.2	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
Chloromethane	BRL	ug/kg dry	14	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	7.2	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	7.2	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	14	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	7.2	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	22	1.7	1	8260B	12/16/10 23:52	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	7.2	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	14	1.6	1	8260B	12/16/10 23:52	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	14	3.8	1	8260B	12/16/10 23:52	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	72	2.2	1	8260B	12/16/10 23:52	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	29	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	14	1.6	1	8260B	12/16/10 23:52	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	14	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	7.2	1.5	1	8260B	12/16/10 23:52	KLA	POL0361
Naphthalene	BRL	ug/kg dry	7.2	3.9	1	8260B	12/16/10 23:52	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	22	2.6	1	8260B	12/16/10 23:52	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	14	2.1	1	8260B	12/16/10 23:52	KLA	POL0361
o-Xylene	BRL	ug/kg dry	7.2	1.6	1	8260B	12/16/10 23:52	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	22	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Styrene	BRL	ug/kg dry	7.2	1.4	1	8260B	12/16/10 23:52	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	29	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	14	1.9	1	8260B	12/16/10 23:52	KLA	POL0361
Toluene	BRL	ug/kg dry	7.2	1.8	1	8260B	12/16/10 23:52	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	7.2	1.4	1	8260B	12/16/10 23:52	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	7.2	1.4	1	8260B	12/16/10 23:52	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	7.2	2.0	1	8260B	12/16/10 23:52	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	14	4.9	1	8260B	12/16/10 23:52	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	14	1.9	1	8260B	12/16/10 23:52	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	102 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-3 (8-10)
Prism Sample ID: 0120338-03
Prism Work Order: 0120338
Time Collected: 12/09/10 14:25
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				104 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-4 (5-7)
 Prism Sample ID: 0120338-04
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.3	1.3	1	*8015C	12/21/10 18:52	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			80 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	4.7	0.62	50	*8015C	12/16/10 18:46	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			150 %		55-129	A

General Chemistry Parameters

% Solids	84.1	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.0	1.7	1	8260B	12/17/10 0:24	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.9	1.6	1	8260B	12/17/10 0:24	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.0	2.1	1	8260B	12/17/10 0:24	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	9.9	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.0	1.8	1	8260B	12/17/10 0:24	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.0	1.5	1	8260B	12/17/10 0:24	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	9.9	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	9.9	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.9	1.5	1	8260B	12/17/10 0:24	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	9.9	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	15	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
Acetone	15 J	ug/kg dry	20	2.2	1	8260B	12/17/10 0:24	KLA	POL0361
Acrolein	BRL	ug/kg dry	99	3.8	1	8260B	12/17/10 0:24	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	99	2.2	1	8260B	12/17/10 0:24	KLA	POL0361
Benzene	BRL	ug/kg dry	3.0	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-4 (5-7)
 Prism Sample ID: 0120338-04
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
Bromomethane	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	9.9	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.0	1.5	1	8260B	12/17/10 0:24	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
Chloroethane	BRL	ug/kg dry	9.9	2.6	1	8260B	12/17/10 0:24	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
Chloromethane	BRL	ug/kg dry	9.9	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	9.9	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	15	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	9.9	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	9.9	2.6	1	8260B	12/17/10 0:24	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	50	1.5	1	8260B	12/17/10 0:24	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	20	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.9	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:24	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.0	2.7	1	8260B	12/17/10 0:24	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	15	1.8	1	8260B	12/17/10 0:24	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	9.9	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:24	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	15	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Styrene	BRL	ug/kg dry	5.0	0.97	1	8260B	12/17/10 0:24	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	20	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361
Toluene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:24	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.0	0.98	1	8260B	12/17/10 0:24	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.0	0.99	1	8260B	12/17/10 0:24	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:24	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	9.9	3.4	1	8260B	12/17/10 0:24	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	9.9	1.3	1	8260B	12/17/10 0:24	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	99 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-4 (5-7)
Prism Sample ID: 0120338-04
Prism Work Order: 0120338
Time Collected: 12/09/10 15:00
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				103 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-5 (4-5)
 Prism Sample ID: 0120338-05
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	9.2	1.5	1	*8015C	12/21/10 19:28	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			77 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	5.6	0.73	50	*8015C	12/16/10 19:17	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			160 %		55-129	A

General Chemistry Parameters

% Solids	75.6	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.0	1.7	1	8260B	12/17/10 0:56	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	10	1.7	1	8260B	12/17/10 0:56	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.0	2.1	1	8260B	12/17/10 0:56	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.0	1.8	1	8260B	12/17/10 0:56	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.0	1.5	1	8260B	12/17/10 0:56	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:56	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	10	1.5	1	8260B	12/17/10 0:56	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	15	1.5	1	8260B	12/17/10 0:56	KLA	POL0361
Acetone	12 J	ug/kg dry	20	2.2	1	8260B	12/17/10 0:56	KLA	POL0361
Acrolein	BRL	ug/kg dry	100	3.9	1	8260B	12/17/10 0:56	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	100	2.2	1	8260B	12/17/10 0:56	KLA	POL0361
Benzene	BRL	ug/kg dry	3.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-5 (4-5)
 Prism Sample ID: 0120338-05
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
Bromomethane	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	10	1.0	1	8260B	12/17/10 0:56	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.0	1.5	1	8260B	12/17/10 0:56	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
Chloroethane	BRL	ug/kg dry	10	2.6	1	8260B	12/17/10 0:56	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Chloromethane	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	10	1.0	1	8260B	12/17/10 0:56	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	15	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.0	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	10	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	10	2.7	1	8260B	12/17/10 0:56	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	50	1.5	1	8260B	12/17/10 0:56	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	20	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	10	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.0	2.7	1	8260B	12/17/10 0:56	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	15	1.9	1	8260B	12/17/10 0:56	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.0	1.1	1	8260B	12/17/10 0:56	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	15	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Styrene	BRL	ug/kg dry	5.0	0.98	1	8260B	12/17/10 0:56	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	20	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361
Toluene	BRL	ug/kg dry	5.0	1.2	1	8260B	12/17/10 0:56	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:56	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.0	1.0	1	8260B	12/17/10 0:56	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.0	1.4	1	8260B	12/17/10 0:56	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	10	3.4	1	8260B	12/17/10 0:56	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 0:56	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	101 %	70-130
Dibromofluoromethane	107 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-5 (4-5)
Prism Sample ID: 0120338-05
Prism Work Order: 0120338
Time Collected: 12/09/10 15:10
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				103 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-6 (5-6)
 Prism Sample ID: 0120338-06
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:25
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.7	1.4	1	*8015C	12/21/10 20:03	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			91 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	5.3	0.69	50	*8015C	12/16/10 19:48	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			133 %		55-129	A

General Chemistry Parameters

% Solids	80.1	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.8	1	8260B	12/17/10 1:29	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	11	1.7	1	8260B	12/17/10 1:29	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.3	2.2	1	8260B	12/17/10 1:29	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.3	1.9	1	8260B	12/17/10 1:29	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.3	1.6	1	8260B	12/17/10 1:29	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	11	1.6	1	8260B	12/17/10 1:29	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	16	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
Acetone	13 J	ug/kg dry	21	2.3	1	8260B	12/17/10 1:29	KLA	POL0361
Acrolein	BRL	ug/kg dry	110	4.1	1	8260B	12/17/10 1:29	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	110	2.3	1	8260B	12/17/10 1:29	KLA	POL0361
Benzene	BRL	ug/kg dry	3.2	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-6 (5-6)
 Prism Sample ID: 0120338-06
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:25
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
Bromomethane	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	11	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.3	1.6	1	8260B	12/17/10 1:29	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
Chloroethane	BRL	ug/kg dry	11	2.8	1	8260B	12/17/10 1:29	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Chloromethane	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	11	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	16	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	11	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	11	2.8	1	8260B	12/17/10 1:29	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	53	1.6	1	8260B	12/17/10 1:29	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	21	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	11	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.3	2.9	1	8260B	12/17/10 1:29	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	16	1.9	1	8260B	12/17/10 1:29	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	11	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 1:29	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	16	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Styrene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/17/10 1:29	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	21	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361
Toluene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 1:29	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/17/10 1:29	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 1:29	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 1:29	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	11	3.6	1	8260B	12/17/10 1:29	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 1:29	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	99 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-6 (5-6)
Prism Sample ID: 0120338-06
Prism Work Order: 0120338
Time Collected: 12/09/10 15:25
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				104 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-7 (6-7)
 Prism Sample ID: 0120338-07
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:40
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.7	1.4	1	*8015C	12/21/10 20:38	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			78 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	4.6	0.60	50	*8015C	12/16/10 20:19	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			120 %		55-129	

General Chemistry Parameters

% Solids	80.3	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.1	1.7	1	8260B	12/17/10 2:01	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.1	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	10	1.7	1	8260B	12/17/10 2:01	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.1	2.1	1	8260B	12/17/10 2:01	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.1	1.8	1	8260B	12/17/10 2:01	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.1	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.1	1.5	1	8260B	12/17/10 2:01	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.1	1.0	1	8260B	12/17/10 2:01	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	10	1.5	1	8260B	12/17/10 2:01	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	15	1.5	1	8260B	12/17/10 2:01	KLA	POL0361
Acetone	13 J	ug/kg dry	20	2.2	1	8260B	12/17/10 2:01	KLA	POL0361
Acrolein	BRL	ug/kg dry	100	3.9	1	8260B	12/17/10 2:01	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	100	2.2	1	8260B	12/17/10 2:01	KLA	POL0361
Benzene	BRL	ug/kg dry	3.0	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-7 (6-7)
 Prism Sample ID: 0120338-07
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:40
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
Bromomethane	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	10	1.0	1	8260B	12/17/10 2:01	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.1	1.5	1	8260B	12/17/10 2:01	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
Chloroethane	BRL	ug/kg dry	10	2.6	1	8260B	12/17/10 2:01	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.1	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Chloromethane	BRL	ug/kg dry	10	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.1	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	10	1.0	1	8260B	12/17/10 2:01	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	15	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.1	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	10	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	10	2.7	1	8260B	12/17/10 2:01	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	51	1.5	1	8260B	12/17/10 2:01	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	20	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	10	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.1	2.7	1	8260B	12/17/10 2:01	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	15	1.9	1	8260B	12/17/10 2:01	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	10	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.1	1.1	1	8260B	12/17/10 2:01	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	15	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Styrene	BRL	ug/kg dry	5.1	0.99	1	8260B	12/17/10 2:01	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	20	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361
Toluene	BRL	ug/kg dry	5.1	1.2	1	8260B	12/17/10 2:01	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.1	1.0	1	8260B	12/17/10 2:01	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.1	1.0	1	8260B	12/17/10 2:01	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.1	1.4	1	8260B	12/17/10 2:01	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	10	3.5	1	8260B	12/17/10 2:01	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	10	1.3	1	8260B	12/17/10 2:01	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	96 %	70-130
Dibromofluoromethane	105 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-7 (6-7)
Prism Sample ID: 0120338-07
Prism Work Order: 0120338
Time Collected: 12/09/10 15:40
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				104 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-8 (4-5)
 Prism Sample ID: 0120338-08
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:50
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	9.1	1.5	1	*8015C	12/21/10 21:14	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			81 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	4.7	0.61	50	*8015C	12/16/10 20:50	HPE	POL0334
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			143 %		55-129	A

General Chemistry Parameters

% Solids	76.5	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.6	1.5	1	8260B	12/17/10 4:41	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 4:41	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	4.6	0.95	1	8260B	12/17/10 4:41	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.1	1.5	1	8260B	12/17/10 4:41	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	4.6	1.9	1	8260B	12/17/10 4:41	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.6	1.6	1	8260B	12/17/10 4:41	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	4.6	1.4	1	8260B	12/17/10 4:41	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	4.6	0.94	1	8260B	12/17/10 4:41	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.1	1.4	1	8260B	12/17/10 4:41	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	14	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
Acetone	14 J	ug/kg dry	18	2.0	1	8260B	12/17/10 4:41	KLA	POL0361
Acrolein	BRL	ug/kg dry	91	3.5	1	8260B	12/17/10 4:41	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	91	2.0	1	8260B	12/17/10 4:41	KLA	POL0361
Benzene	BRL	ug/kg dry	2.7	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-8 (4-5)
 Prism Sample ID: 0120338-08
 Prism Work Order: 0120338
 Time Collected: 12/09/10 15:50
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 4:41	KLA	POL0361
Bromoform	BRL	ug/kg dry	4.6	0.99	1	8260B	12/17/10 4:41	KLA	POL0361
Bromomethane	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	9.1	0.93	1	8260B	12/17/10 4:41	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 4:41	KLA	POL0361
Chloroethane	BRL	ug/kg dry	9.1	2.4	1	8260B	12/17/10 4:41	KLA	POL0361
Chloroform	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Chloromethane	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	9.1	0.94	1	8260B	12/17/10 4:41	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	4.6	0.95	1	8260B	12/17/10 4:41	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	14	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	9.1	1.0	1	8260B	12/17/10 4:41	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	9.1	2.4	1	8260B	12/17/10 4:41	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	46	1.4	1	8260B	12/17/10 4:41	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	18	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.1	0.99	1	8260B	12/17/10 4:41	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Methyl-tert-Butyl Ether	3.6 J	ug/kg dry	4.6	0.95	1	8260B	12/17/10 4:41	KLA	POL0361
Naphthalene	BRL	ug/kg dry	4.6	2.5	1	8260B	12/17/10 4:41	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	14	1.7	1	8260B	12/17/10 4:41	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	9.1	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
o-Xylene	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 4:41	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	14	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Styrene	BRL	ug/kg dry	4.6	0.89	1	8260B	12/17/10 4:41	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	18	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361
Toluene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 4:41	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.6	0.90	1	8260B	12/17/10 4:41	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.6	0.91	1	8260B	12/17/10 4:41	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 4:41	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	9.1	3.1	1	8260B	12/17/10 4:41	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 4:41	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	99 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-8 (4-5)
Prism Sample ID: 0120338-08
Prism Work Order: 0120338
Time Collected: 12/09/10 15:50
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				105 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-9 (4-5)
 Prism Sample ID: 0120338-09
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.3	1.3	1	*8015C	12/21/10 21:49	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			90 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	5.0	0.65	50	*8015C	12/17/10 14:06	HPE	POL0372
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			123 %		55-129	

General Chemistry Parameters

% Solids	84.3	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.6	1.5	1	8260B	12/17/10 5:13	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 5:13	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	4.6	0.95	1	8260B	12/17/10 5:13	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.1	1.5	1	8260B	12/17/10 5:13	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	4.6	1.9	1	8260B	12/17/10 5:13	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.6	1.7	1	8260B	12/17/10 5:13	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	4.6	1.4	1	8260B	12/17/10 5:13	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	4.6	0.94	1	8260B	12/17/10 5:13	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.1	1.4	1	8260B	12/17/10 5:13	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	14	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
Acetone	11 J	ug/kg dry	18	2.0	1	8260B	12/17/10 5:13	KLA	POL0361
Acrolein	BRL	ug/kg dry	91	3.5	1	8260B	12/17/10 5:13	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	91	2.0	1	8260B	12/17/10 5:13	KLA	POL0361
Benzene	BRL	ug/kg dry	2.7	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-9 (4-5)
 Prism Sample ID: 0120338-09
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:00
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	4.6	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 5:13	KLA	POL0361
Bromoform	BRL	ug/kg dry	4.6	0.99	1	8260B	12/17/10 5:13	KLA	POL0361
Bromomethane	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	9.1	0.93	1	8260B	12/17/10 5:13	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 5:13	KLA	POL0361
Chloroethane	BRL	ug/kg dry	9.1	2.4	1	8260B	12/17/10 5:13	KLA	POL0361
Chloroform	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
Chloromethane	BRL	ug/kg dry	9.1	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	9.1	0.94	1	8260B	12/17/10 5:13	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	4.6	0.95	1	8260B	12/17/10 5:13	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	14	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	9.1	1.0	1	8260B	12/17/10 5:13	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	9.1	2.4	1	8260B	12/17/10 5:13	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	46	1.4	1	8260B	12/17/10 5:13	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	18	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.1	0.99	1	8260B	12/17/10 5:13	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	4.6	0.95	1	8260B	12/17/10 5:13	KLA	POL0361
Naphthalene	BRL	ug/kg dry	4.6	2.5	1	8260B	12/17/10 5:13	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	14	1.7	1	8260B	12/17/10 5:13	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	9.1	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
o-Xylene	BRL	ug/kg dry	4.6	1.0	1	8260B	12/17/10 5:13	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	14	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Styrene	BRL	ug/kg dry	4.6	0.89	1	8260B	12/17/10 5:13	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	18	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361
Toluene	BRL	ug/kg dry	4.6	1.1	1	8260B	12/17/10 5:13	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.6	0.90	1	8260B	12/17/10 5:13	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.6	0.91	1	8260B	12/17/10 5:13	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	4.6	1.3	1	8260B	12/17/10 5:13	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	9.1	3.1	1	8260B	12/17/10 5:13	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	9.1	1.2	1	8260B	12/17/10 5:13	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	98 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-9 (4-5)
Prism Sample ID: 0120338-09
Prism Work Order: 0120338
Time Collected: 12/09/10 16:00
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				105 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-10 (5-6)
 Prism Sample ID: 0120338-10
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.7	1.4	1	*8015C	12/21/10 22:25	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			83 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	4.4	0.57	50	*8015C	12/17/10 14:37	HPE	POL0372
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			86 %		55-129	

General Chemistry Parameters

% Solids	80.0	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.7	1	8260B	12/17/10 5:45	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	11	1.7	1	8260B	12/17/10 5:45	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	5.3	2.2	1	8260B	12/17/10 5:45	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	5.3	1.9	1	8260B	12/17/10 5:45	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	5.3	1.6	1	8260B	12/17/10 5:45	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	11	1.6	1	8260B	12/17/10 5:45	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	16	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
Acetone	29	ug/kg dry	21	2.3	1	8260B	12/17/10 5:45	KLA	POL0361
Acrolein	BRL	ug/kg dry	110	4.0	1	8260B	12/17/10 5:45	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	110	2.3	1	8260B	12/17/10 5:45	KLA	POL0361
Benzene	BRL	ug/kg dry	3.2	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-10 (5-6)
 Prism Sample ID: 0120338-10
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:10
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	5.3	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
Bromoform	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Bromomethane	BRL	ug/kg dry	11	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	11	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
Chloroethane	BRL	ug/kg dry	11	2.7	1	8260B	12/17/10 5:45	KLA	POL0361
Chloroform	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
Chloromethane	BRL	ug/kg dry	11	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	11	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	16	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	11	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	11	2.8	1	8260B	12/17/10 5:45	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	53	1.6	1	8260B	12/17/10 5:45	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	21	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	11	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	5.3	1.1	1	8260B	12/17/10 5:45	KLA	POL0361
Naphthalene	BRL	ug/kg dry	5.3	2.8	1	8260B	12/17/10 5:45	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	16	1.9	1	8260B	12/17/10 5:45	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	11	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
o-Xylene	BRL	ug/kg dry	5.3	1.2	1	8260B	12/17/10 5:45	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	16	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Styrene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/17/10 5:45	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	21	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361
Toluene	BRL	ug/kg dry	5.3	1.3	1	8260B	12/17/10 5:45	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/17/10 5:45	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	5.3	1.0	1	8260B	12/17/10 5:45	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	5.3	1.5	1	8260B	12/17/10 5:45	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	11	3.6	1	8260B	12/17/10 5:45	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	11	1.4	1	8260B	12/17/10 5:45	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	96 %	70-130
Dibromofluoromethane	106 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-10 (5-6)
Prism Sample ID: 0120338-10
Prism Work Order: 0120338
Time Collected: 12/09/10 16:10
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				103 %		76-129

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-11 (4-5)
 Prism Sample ID: 0120338-11
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:30
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Diesel Range Organics by GC/FID

Diesel Range Organics	BRL	mg/kg dry	8.9	1.4	1	*8015C	12/21/10 23:00	JMV	POL0424
			Surrogate			Recovery		Control Limits	
			o-Terphenyl			72 %		49-124	

Gasoline Range Organics by GC/FID

Gasoline Range Organics	BRL	mg/kg dry	5.1	0.67	50	*8015C	12/17/10 15:08	HPE	POL0372
			Surrogate			Recovery		Control Limits	
			a,a,a-Trifluorotoluene			128 %		55-129	

General Chemistry Parameters

% Solids	78.6	% by Weight	0.100	0.100	1	*SM2540 G	12/16/10 16:00	JAB	POL0362
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Volatile Organic Compounds by GC/MS

1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.7	1.6	1	8260B	12/17/10 6:18	KLA	POL0361
1,1,1-Trichloroethane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
1,1,2-Trichloroethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
1,1-Dichloroethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
1,1-Dichloroethylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
1,1-Dichloropropylene	BRL	ug/kg dry	4.7	0.98	1	8260B	12/17/10 6:18	KLA	POL0361
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.4	1.5	1	8260B	12/17/10 6:18	KLA	POL0361
1,2,3-Trichloropropane	BRL	ug/kg dry	4.7	1.9	1	8260B	12/17/10 6:18	KLA	POL0361
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.4	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
1,2,4-Trimethylbenzene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.7	1.7	1	8260B	12/17/10 6:18	KLA	POL0361
1,2-Dibromoethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
1,2-Dichlorobenzene	BRL	ug/kg dry	9.4	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
1,2-Dichloroethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
1,2-Dichloropropane	BRL	ug/kg dry	4.7	1.4	1	8260B	12/17/10 6:18	KLA	POL0361
1,3,5-Trimethylbenzene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
1,3-Dichlorobenzene	BRL	ug/kg dry	9.4	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
1,3-Dichloropropane	BRL	ug/kg dry	4.7	0.96	1	8260B	12/17/10 6:18	KLA	POL0361
1,4-Dichlorobenzene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
2,2-Dichloropropane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.4	1.4	1	8260B	12/17/10 6:18	KLA	POL0361
2-Chlorotoluene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
4-Chlorotoluene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
4-Isopropyltoluene	BRL	ug/kg dry	14	1.4	1	8260B	12/17/10 6:18	KLA	POL0361
Acetone	17 J	ug/kg dry	19	2.0	1	8260B	12/17/10 6:18	KLA	POL0361
Acrolein	BRL	ug/kg dry	94	3.6	1	8260B	12/17/10 6:18	KLA	POL0361
Acrylonitrile	BRL	ug/kg dry	94	2.1	1	8260B	12/17/10 6:18	KLA	POL0361
Benzene	BRL	ug/kg dry	2.8	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Bromobenzene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361

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AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County
 Parcel 34
 Project No.: WBS #34832.1.1
 Sample Matrix: Solid

Client Sample ID: P-34-SB-11 (4-5)
 Prism Sample ID: 0120338-11
 Prism Work Order: 0120338
 Time Collected: 12/09/10 16:30
 Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bromochloromethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
Bromodichloromethane	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
Bromoform	BRL	ug/kg dry	4.7	1.0	1	8260B	12/17/10 6:18	KLA	POL0361
Bromomethane	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Carbon disulfide	BRL	ug/kg dry	9.4	0.95	1	8260B	12/17/10 6:18	KLA	POL0361
Carbon Tetrachloride	BRL	ug/kg dry	4.7	1.4	1	8260B	12/17/10 6:18	KLA	POL0361
Chlorobenzene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
Chloroethane	BRL	ug/kg dry	9.4	2.4	1	8260B	12/17/10 6:18	KLA	POL0361
Chloroform	BRL	ug/kg dry	4.7	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Chloromethane	BRL	ug/kg dry	9.4	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
Dibromochloromethane	BRL	ug/kg dry	4.7	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Dibromomethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
Dichlorodifluoromethane	BRL	ug/kg dry	9.4	0.97	1	8260B	12/17/10 6:18	KLA	POL0361
Ethylbenzene	BRL	ug/kg dry	4.7	0.98	1	8260B	12/17/10 6:18	KLA	POL0361
Hexachlorobutadiene	BRL	ug/kg dry	14	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
Isopropyl Ether	BRL	ug/kg dry	4.7	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Isopropylbenzene (Cumene)	BRL	ug/kg dry	9.4	1.0	1	8260B	12/17/10 6:18	KLA	POL0361
m,p-Xylenes	BRL	ug/kg dry	9.4	2.5	1	8260B	12/17/10 6:18	KLA	POL0361
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	47	1.4	1	8260B	12/17/10 6:18	KLA	POL0361
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	19	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.4	1.0	1	8260B	12/17/10 6:18	KLA	POL0361
Methylene Chloride	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Methyl-tert-Butyl Ether	BRL	ug/kg dry	4.7	0.98	1	8260B	12/17/10 6:18	KLA	POL0361
Naphthalene	BRL	ug/kg dry	4.7	2.5	1	8260B	12/17/10 6:18	KLA	POL0361
n-Butylbenzene	BRL	ug/kg dry	14	1.7	1	8260B	12/17/10 6:18	KLA	POL0361
n-Propylbenzene	BRL	ug/kg dry	9.4	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
o-Xylene	BRL	ug/kg dry	4.7	1.0	1	8260B	12/17/10 6:18	KLA	POL0361
sec-Butylbenzene	BRL	ug/kg dry	14	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Styrene	BRL	ug/kg dry	4.7	0.91	1	8260B	12/17/10 6:18	KLA	POL0361
tert-Butylbenzene	BRL	ug/kg dry	19	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
Tetrachloroethylene	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361
Toluene	BRL	ug/kg dry	4.7	1.1	1	8260B	12/17/10 6:18	KLA	POL0361
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.7	0.93	1	8260B	12/17/10 6:18	KLA	POL0361
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.7	0.93	1	8260B	12/17/10 6:18	KLA	POL0361
Trichloroethylene	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
Trichlorofluoromethane	BRL	ug/kg dry	4.7	1.3	1	8260B	12/17/10 6:18	KLA	POL0361
Vinyl acetate	BRL	ug/kg dry	9.4	3.2	1	8260B	12/17/10 6:18	KLA	POL0361
Vinyl chloride	BRL	ug/kg dry	9.4	1.2	1	8260B	12/17/10 6:18	KLA	POL0361

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	97 %	70-130
Dibromofluoromethane	107 %	84-123

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County
Parcel 34
Project No.: WBS #34832.1.1
Sample Matrix: Solid

Client Sample ID: P-34-SB-11 (4-5)
Prism Sample ID: 0120338-11
Prism Work Order: 0120338
Time Collected: 12/09/10 16:30
Time Submitted: 12/10/10 10:43

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
			Toluene-d8				103 %		76-129



AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
 34
 Project No: WBS #34832.1.1

Prism Work Order: 0120338
 Time Submitted: 12/10/10 10:43:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0361 - 5035										
Blank (P0L0361-BLK1)										
Prepared & Analyzed: 12/16/10										
1,1,1,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethylene	BRL	5.0	ug/kg wet							
1,1-Dichloropropylene	BRL	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	10	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	5.0	ug/kg wet							
1,2-Dibromoethane	BRL	5.0	ug/kg wet							
1,2-Dichlorobenzene	BRL	10	ug/kg wet							
1,2-Dichloroethane	BRL	5.0	ug/kg wet							
1,2-Dichloropropane	BRL	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	10	ug/kg wet							
1,3-Dichlorobenzene	BRL	10	ug/kg wet							
1,3-Dichloropropane	BRL	5.0	ug/kg wet							
1,4-Dichlorobenzene	BRL	10	ug/kg wet							
2,2-Dichloropropane	BRL	5.0	ug/kg wet							
2-Chloroethyl Vinyl Ether	BRL	10	ug/kg wet							
2-Chlorotoluene	BRL	10	ug/kg wet							
4-Chlorotoluene	BRL	10	ug/kg wet							
4-Isopropyltoluene	BRL	15	ug/kg wet							
Acetone	BRL	20	ug/kg wet							
Acrolein	BRL	100	ug/kg wet							
Acrylonitrile	BRL	100	ug/kg wet							
Benzene	BRL	3.0	ug/kg wet							
Bromobenzene	BRL	5.0	ug/kg wet							
Bromochloromethane	BRL	5.0	ug/kg wet							
Bromodichloromethane	BRL	5.0	ug/kg wet							
Bromoform	BRL	5.0	ug/kg wet							
Bromomethane	BRL	10	ug/kg wet							
Carbon disulfide	BRL	10	ug/kg wet							
Carbon Tetrachloride	BRL	5.0	ug/kg wet							
Chlorobenzene	BRL	5.0	ug/kg wet							
Chloroethane	BRL	10	ug/kg wet							
Chloroform	BRL	5.0	ug/kg wet							
Chloromethane	BRL	10	ug/kg wet							
cis-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
cis-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Dibromochloromethane	BRL	5.0	ug/kg wet							
Dibromomethane	BRL	5.0	ug/kg wet							
Dichlorodifluoromethane	BRL	10	ug/kg wet							
Ethylbenzene	BRL	5.0	ug/kg wet							

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AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
34
Project No: WBS #34832.1.1

Prism Work Order: 0120338
Time Submitted: 12/10/10 10:43:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0361 - 5035										
Blank (P0L0361-BLK1)										
Prepared & Analyzed: 12/16/10										
Hexachlorobutadiene	BRL	15	ug/kg wet							
Isopropyl Ether	BRL	5.0	ug/kg wet							
Isopropylbenzene (Cumene)	BRL	10	ug/kg wet							
m,p-Xylenes	BRL	10	ug/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	50	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	20	ug/kg wet							
Methyl Isobutyl Ketone	BRL	10	ug/kg wet							
Methylene Chloride	BRL	10	ug/kg wet							
Methyl-tert-Butyl Ether	BRL	5.0	ug/kg wet							
Naphthalene	BRL	5.0	ug/kg wet							
n-Butylbenzene	BRL	15	ug/kg wet							
n-Propylbenzene	BRL	10	ug/kg wet							
o-Xylene	BRL	5.0	ug/kg wet							
sec-Butylbenzene	BRL	15	ug/kg wet							
Styrene	BRL	5.0	ug/kg wet							
tert-Butylbenzene	BRL	20	ug/kg wet							
Tetrachloroethylene	BRL	10	ug/kg wet							
Toluene	BRL	5.0	ug/kg wet							
trans-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
trans-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Trichloroethylene	BRL	5.0	ug/kg wet							
Trichlorofluoromethane	BRL	5.0	ug/kg wet							
Vinyl acetate	BRL	10	ug/kg wet							
Vinyl chloride	BRL	10	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	48.9		ug/L	50.0		98	70-130			
Surrogate: Dibromofluoromethane	51.7		ug/L	50.0		103	84-123			
Surrogate: Toluene-d8	52.6		ug/L	50.0		105	76-129			

AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
34
Project No: WBS #34832.1.1

Prism Work Order: 0120338
Time Submitted: 12/10/10 10:43:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0361 - 5035										
LCS (P0L0361-BS1)										
Prepared & Analyzed: 12/16/10										
1,1-Dichloroethylene	54.2	5.0	ug/kg wet	50.0		108	67-149			
Benzene	47.5	3.0	ug/kg wet	50.0		95	74-127			
Chlorobenzene	49.0	5.0	ug/kg wet	50.0		98	74-118			
Toluene	49.5	5.0	ug/kg wet	50.0		99	71-129			
Trichloroethylene	50.8	5.0	ug/kg wet	50.0		102	75-133			
Surrogate: 4-Bromofluorobenzene	53.1		ug/L	50.0		106	70-130			
Surrogate: Dibromofluoromethane	51.1		ug/L	50.0		102	84-123			
Surrogate: Toluene-d8	51.4		ug/L	50.0		103	76-129			
LCS Dup (P0L0361-BS1)										
Prepared & Analyzed: 12/16/10										
1,1-Dichloroethylene	57.3	5.0	ug/kg wet	50.0		115	67-149	6	200	
Benzene	49.7	3.0	ug/kg wet	50.0		99	74-127	5	200	
Chlorobenzene	51.4	5.0	ug/kg wet	50.0		103	74-118	5	200	
Toluene	51.6	5.0	ug/kg wet	50.0		103	71-129	4	200	
Trichloroethylene	53.2	5.0	ug/kg wet	50.0		106	75-133	5	200	
Surrogate: 4-Bromofluorobenzene	52.5		ug/L	50.0		105	70-130			
Surrogate: Dibromofluoromethane	50.1		ug/L	50.0		100	84-123			
Surrogate: Toluene-d8	51.4		ug/L	50.0		103	76-129			

AMEC Earth & Env. Inc.(DOT Gree)
 Attn: Helen Corley
 338 North Elm St. Suite 112
 Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
 34
 Project No: WBS #34832.1.1

Prism Work Order: 0120338
 Time Submitted: 12/10/10 10:43:00AM

Gasoline Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P0L0334 - 5035

Blank (P0L0334-BLK1) Prepared & Analyzed: 12/16/10

Gasoline Range Organics	BRL	5.0	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	5.75		mg/kg wet	5.00		115	55-129			

LCS (P0L0334-BS1) Prepared & Analyzed: 12/16/10

Gasoline Range Organics	48.2	5.0	mg/kg wet	50.0		96	67-116			
Surrogate: a,a,a-Trifluorotoluene	5.70		mg/kg wet	5.00		114	55-129			

LCS Dup (P0L0334-BSD1) Prepared & Analyzed: 12/16/10

Gasoline Range Organics	49.8	5.0	mg/kg wet	50.0		100	67-116	3	200	
Surrogate: a,a,a-Trifluorotoluene	5.75		mg/kg wet	5.00		115	55-129			

Matrix Spike (P0L0334-MS1) Source: 0120338-01 Prepared & Analyzed: 12/16/10

Gasoline Range Organics	87.4	6.4	mg/kg dry	64.1	5.85	127	57-113			M
Surrogate: a,a,a-Trifluorotoluene	8.14		mg/kg dry	6.41		127	55-129			

Matrix Spike Dup (P0L0334-MSD1) Source: 0120338-01 Prepared & Analyzed: 12/16/10

Gasoline Range Organics	86.0	6.4	mg/kg dry	64.1	5.85	125	57-113	2	23	M
Surrogate: a,a,a-Trifluorotoluene	8.08		mg/kg dry	6.41		126	55-129			

Batch P0L0372 - 5035

Blank (P0L0372-BLK1) Prepared & Analyzed: 12/17/10

Gasoline Range Organics	BRL	5.0	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	5.60		mg/kg wet	5.00		112	55-129			

LCS (P0L0372-BS1) Prepared & Analyzed: 12/17/10

Gasoline Range Organics	48.2	5.0	mg/kg wet	50.0		96	67-116			
Surrogate: a,a,a-Trifluorotoluene	5.45		mg/kg wet	5.00		109	55-129			

AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
34
Project No: WBS #34832.1.1

Prism Work Order: 0120338
Time Submitted: 12/10/10 10:43:00AM

Gasoline Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0372 - 5035										
LCS Dup (P0L0372-BSD1)					Prepared & Analyzed: 12/17/10					
Gasoline Range Organics	49.2	5.0	mg/kg wet	50.0		98	67-116	2	200	
Surrogate: a,a,a-Trifluorotoluene	5.55		mg/kg wet	5.00		111	55-129			
Matrix Spike (P0L0372-MS1)					Source: 0120338-09 Prepared & Analyzed: 12/17/10					
Gasoline Range Organics	78.9	5.9	mg/kg dry	59.3	BRL	133	57-113			M
Surrogate: a,a,a-Trifluorotoluene	8.36		mg/kg dry	5.93		141	55-129			SR
Matrix Spike Dup (P0L0372-MSD1)					Source: 0120338-09 Prepared & Analyzed: 12/17/10					
Gasoline Range Organics	79.4	5.9	mg/kg dry	59.3	BRL	134	57-113	0.6	23	M
Surrogate: a,a,a-Trifluorotoluene	8.36		mg/kg dry	5.93		141	55-129			SR

AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
34
Project No: WBS #34832.1.1

Prism Work Order: 0120338
Time Submitted: 12/10/10 10:43:00AM

Diesel Range Organics by GC/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0363 - 3545A										
Blank (P0L0363-BLK1)										
					Prepared: 12/16/10 Analyzed: 12/17/10					
Diesel Range Organics	BRL	7.0	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	1.35		mg/kg wet	1.60		84	49-124			
LCS (P0L0363-BS1)										
					Prepared: 12/16/10 Analyzed: 12/17/10					
Diesel Range Organics	51.5	7.0	mg/kg wet	79.9		64	55-109			
Surrogate: <i>o</i> -Terphenyl	1.59		mg/kg wet	1.60		99	49-124			
LCS Dup (P0L0363-BSD1)										
					Prepared: 12/16/10 Analyzed: 12/17/10					
Diesel Range Organics	55.4	7.0	mg/kg wet	79.9		69	55-109	7	200	
Surrogate: <i>o</i> -Terphenyl	1.71		mg/kg wet	1.60		107	49-124			
Batch P0L0424 - 3545A										
Blank (P0L0424-BLK1)										
					Prepared: 12/20/10 Analyzed: 12/21/10					
Diesel Range Organics	BRL	7.0	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	1.39		mg/kg wet	1.60		87	49-124			
LCS (P0L0424-BS1)										
					Prepared: 12/20/10 Analyzed: 12/21/10					
Diesel Range Organics	62.4	7.0	mg/kg wet	79.9		78	55-109			
Surrogate: <i>o</i> -Terphenyl	1.95		mg/kg wet	1.60		122	49-124			
LCS Dup (P0L0424-BSD1)										
					Prepared: 12/20/10 Analyzed: 12/21/10					
Diesel Range Organics	61.6	7.0	mg/kg wet	79.9		77	55-109	1	200	
Surrogate: <i>o</i> -Terphenyl	1.79		mg/kg wet	1.60		112	49-124			

AMEC Earth & Env. Inc.(DOT Gree)
Attn: Helen Corley
338 North Elm St. Suite 112
Greensboro, NC 27401

Project: NCDOT: Burke County Parcel
34
Project No: WBS #34832.1.1

Prism Work Order: 0120338
Time Submitted: 12/10/10 10:43:00AM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0L0362 - NO PREP										
Blank (P0L0362-BLK1)					Prepared & Analyzed: 12/16/10					
% Solids	100	0.100	% by Weight							
Duplicate (P0L0362-DUP2)					Source: 0120338-05 Prepared & Analyzed: 12/16/10					
% Solids	75.3	0.100	% by Weight		75.6			0.4	20	

Sample Extraction Data

Prep Method: 3545A

Lab Number	Batch	Initial	Final	Date
0120338-01	P0L0363	25.11 g	1 mL	12/16/10
0120338-02	P0L0363	25.08 g	1 mL	12/16/10
0120338-03	P0L0363	25.15 g	1 mL	12/16/10
0120338-04	P0L0424	25.14 g	1 mL	12/20/10
0120338-05	P0L0424	25.06 g	1 mL	12/20/10
0120338-06	P0L0424	25.08 g	1 mL	12/20/10
0120338-07	P0L0424	25.06 g	1 mL	12/20/10
0120338-08	P0L0424	25.05 g	1 mL	12/20/10
0120338-09	P0L0424	25.04 g	1 mL	12/20/10
0120338-10	P0L0424	25.01 g	1 mL	12/20/10
0120338-11	P0L0424	25.03 g	1 mL	12/20/10

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date
0120338-01	P0L0334	5.15 g	5 mL	12/16/10
0120338-02	P0L0334	5.35 g	5 mL	12/16/10
0120338-03	P0L0334	4.5 g	5 mL	12/16/10
0120338-04	P0L0334	6.28 g	5 mL	12/16/10
0120338-05	P0L0334	5.88 g	5 mL	12/16/10
0120338-06	P0L0334	5.89 g	5 mL	12/16/10
0120338-07	P0L0334	6.73 g	5 mL	12/16/10
0120338-08	P0L0334	6.98 g	5 mL	12/16/10
0120338-09	P0L0372	5.96 g	5 mL	12/17/10
0120338-10	P0L0372	7.14 g	5 mL	12/17/10
0120338-11	P0L0372	6.18 g	5 mL	12/17/10

NO PREP

Lab Number	Batch	Initial	Final	Date
0120338-01	P0L0362	30 g	30 mL	12/16/10
0120338-02	P0L0362	30 g	30 mL	12/16/10
0120338-03	P0L0362	30 g	30 mL	12/16/10
0120338-04	P0L0362	30 g	30 mL	12/16/10
0120338-05	P0L0362	30 g	30 mL	12/16/10
0120338-06	P0L0362	30 g	30 mL	12/16/10
0120338-07	P0L0362	30 g	30 mL	12/16/10
0120338-08	P0L0362	30 g	30 mL	12/16/10
0120338-09	P0L0362	30 g	30 mL	12/16/10
0120338-10	P0L0362	30 g	30 mL	12/16/10
0120338-11	P0L0362	30 g	30 mL	12/16/10

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date
0120338-01	P0L0361	6.81 g	5 mL	12/16/10
0120338-01	P0L0361	6.81 g	5 mL	12/16/10
0120338-02	P0L0361	5.92 g	5 mL	12/16/10
0120338-03	P0L0361	5.72 g	5 mL	12/16/10
0120338-04	P0L0361	5.98 g	5 mL	12/16/10
0120338-05	P0L0361	6.55 g	5 mL	12/16/10
0120338-06	P0L0361	5.89 g	5 mL	12/16/10
0120338-07	P0L0361	6.16 g	5 mL	12/16/10
0120338-08	P0L0361	7.17 g	5 mL	12/16/10
0120338-09	P0L0361	6.5 g	5 mL	12/16/10
0120338-10	P0L0361	5.95 g	5 mL	12/16/10
0120338-11	P0L0361	6.8 g	5 mL	12/16/10

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Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

Client Company Name: AMEL E+E
Report To/Contact Name: Helen Corley
Reporting Address: 338 N Elm Street
Greensboro, NC 27401

Phone: 336-691-5318 Fax (Yes) (No):
Email (Yes) (No) Email Address: helen.corley@amel.com
EDD Type: PDF Excel Other
Site Location Name: Parcel 34
Site Location Physical Address: Morganton, NC

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: WBS: 34832.1.1

Project Name: Barke County
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Helen Corley
Address: Same

Purchase Order No./Billing Reference WBS: 34832.1.1
Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days
"Working Days" 6-9 Days Standard 10 days Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY			
	YES	NO	N/A
Samples INTACT upon arrival?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received ON WET ICE? Temp <u>3.4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROPER PRESERVATIVES indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received WITHIN HOLDING TIMES?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTODY SEALS INTACT?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOLATILES rec'd W/OUT HEADSPACE?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PROPER CONTAINERS used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC USACE FL NC
SC OTHER N/A
Water Chlorinated: YES NO
Sample Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVATIVES	ANALYSES REQUESTED			REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE						
P-34-SB-1 (4-6)	12-9-10	1400	Soil	VOA/G	5/3	VOA/G	none methanol	X	X	X		01
P-34-SB-2 (5-6)		1410										02
P-34-SB-3 (8-10)		1425										03
P-34-SB-4 (5-7)		1500										04
P-34-SB-5 (4-5)		1510										05
P-34-SB-6 (5-6)		1525										06
P-34-SB-7 (6-7)		1540										07
P-34-SB-8 (4-5)		1550										08
P-34-SB-9 (4-5)		1600										09
P-34-SB-10 (5-6)		1610										10

Sampler's Signature: Troy L Holzschuh Sampled By (Print Name): Troy L Holzschuh Affiliation: AMEL

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature) <u>Troy L Holzschuh</u>	Received By: (Signature)	Date <u>12-10-10</u>	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By: <u>[Signature]</u>	Date <u>12-10-10</u>	10:43

Method of Shipment: Fed Ex UPS Hand-delivered Prism Field Service Other
NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
COC Group No. 012033B

Additional Comments:
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
UST: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
GROUNDWATER: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
DRINKING WATER: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
SOLID WASTE: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
RCRA: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
CERCLA: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
LANDFILL: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC
OTHER: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC

SEE REVERSE FOR TERMS & CONDITIONS

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

