

FILE

**REPORT OF PRELIMINARY
ENVIRONMENTAL SITE ASSESSMENT**

**DENNIS HOWARD PROPERTY
STATE PROJECT U-2412B, WBS 34802.1.1
4826 HIGH POINT ROAD
GREENSBORO, NORTH CAROLINA**

Prepared for:

**North Carolina Department of Transportation
Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699**

Prepared by:

**MACTEC Engineering and Consulting, Inc.
7347-E West Friendly Avenue
Greensboro, North Carolina 27410**

MACTEC Project 6470-08-2081

June 2008

 **MACTEC**



FILE

engineering and constructing a better tomorrow

June 3, 2008

Mr. Terry W. Fox, L.G.
Geoenvironmental Project Manager
NCDOT Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699

Subject: **Report of Preliminary Environmental Site Assessment
Dennis Howard Property
4826 High Point Road
Greensboro, North Carolina
MACTEC Project 6470-08-2081**

Dear Mr. Mulla:

As authorized by your acceptance of MACTEC Proposal No. PROP 08-RAL-158 dated April 8, 2008, MACTEC Engineering and Consulting, Inc. (MACTEC) is pleased to submit the attached Report of Preliminary Environmental Site Assessment for the above-referenced site.

This report is intended for the use of NCDOT subject to contractual terms between NCDOT and MACTEC. Reliance on this document by any other party is not allowed without the expressed, written consent of MACTEC. Use of this report for purposes beyond those reasonably intended by NDOT and MACTEC will be at the sole risk of the user.

This report presents project information and assessment activities conducted, along with our findings, conclusions and recommendations. We appreciate your selection of MACTEC for this project and look forward to assisting you further on this and other projects. If you have any questions, please do not hesitate to contact us.

Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.

Kristen H. Lloyd
Staff Geologist

Robert Miller, P.E.
Senior Principal Engineer
NC License 17147

Carin Lee Kromm, L.G.
Senior Geologist
NC License 1733

ATTACHMENT

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1.0 INTRODUCTION

MACTEC Engineering and Consulting, Inc. (MACTEC) was contracted by North Carolina Department of Transportation (NCDOT) to perform a Preliminary Environmental Site Assessment of the Dennis Howard property located at 4826 High Point Road in Greensboro, Guilford County, North Carolina (**Figure 1**). MACTEC understands that NCDOT is planning road improvements to the area in the vicinity of High Point Road. The subject site is being acquired by the NCDOT for this project. NCDOT requested that MACTEC assess the subject site to evaluate the extent (if any) of soil and/or groundwater contamination related to the operation of the current dry cleaner operation located on site and the impact (if any) of this operation on the proposed road improvements. This report presents MACTEC's understanding of the project information, the scope of services provided, and MACTEC's findings, conclusions and recommendations.

1.1 Site Location and Site Background

The Dennis Howard property is located at 4826 High Point Road in Greensboro, Guilford County, North Carolina. The site consists of approximately one acre and is developed with a commercial retail building or strip mall. The site is surrounded by single-family residences to the north and east, commercial businesses to the south and west, and High Point Road to the south (**Figure 2**).

The Dennis Howard property consists of an approximately 9,000 square foot building and is constructed with a concrete foundation, a steel frame, and a brick exterior. The building is occupied by \$2.50 Cleaners, Columbia Beauty Supply store, Furniture and Leather store, and Skinsentials spa and salon. The building is bordered by an asphalt parking area along the northern and southern property and an access and maintenance easement along the western property boundary.

No contamination incident is associated with this property on the North Carolina Division of Waste Management (NCDWM) Dry Cleaning Sites database.

2.0 ASSESSMENT ACTIVITIES

Prior to field activities, MACTEC prepared a site health and safety plan in accordance with OSHA 1910.120 requirements. MACTEC notified ULOCO to clear major utilities on the site, and arranged for a private utility locator to clear the proposed soil boring locations inside the building.

2.1 Soil Assessment

On April 29, 2008 and April 30, 2008, MACTEC's drilling subcontractor, Troxler Geologic Services, Inc., advanced soil borings (B-1 through B-U, F-1 and F-2) and constructed one temporary monitoring well with a truck-mounted Geoprobe™ drilling rig. The Geoprobe™ sample collection system consists of hydraulically pushing small-diameter rods to the desired sampling depth and using specially designed tools to obtain soil samples. A temporary monitoring well, B-5W, was constructed in boring B-5. To prevent cross contamination, the downhole drilling equipment was steam cleaned prior to commencing drilling activities. A concrete coring machine was used inside the building to drill soil borings F-1 and F-2 to provide access to the soil beneath the floor. During the advancement of the soil borings, MACTEC personnel conducted field screening of the soils using a photoionization detector (PID) along with visual and olfactory observations.

The locations of the soil borings are indicated on **Figure 2** and Soil Boring Logs are included in **Appendix A**. Soil borings B-1 through B-11 were advanced to approximately 25 feet below ground surface (bgs). Borings F-1 and F-2 were advanced to a depth of approximately 1 foot and 25 feet bgs, respectively, inside the building to assess the fill material beneath the concrete floor. These borings were located adjacent to the dry cleaning equipment.

2.2 Soil Sampling and Laboratory Analysis

MACTEC collected soil samples from the borings at 25 feet bgs. The samples were placed into the appropriate laboratory-provided containers, packed on ice in a cooler, and delivered the cooler to the Research & Analytical Labs under chain of custody. The soil samples from borings B-1 through B-11, F-1 and F-2 were submitted to the laboratory for analysis of volatile organic compounds (VOCs) according to USEPA Method 8260 and semi-volatile organic compounds (SVOCs) according to USEPA Method 8270 plus 1,4-dioxane.

2.3 Water Sampling and Laboratory Analysis

The assessment activities conducted by MACTEC included the construction and development of one temporary groundwater monitoring well, groundwater sampling, and laboratory analysis.

Soil boring B-5 was advanced to a depth of 27 feet bgs, and a temporary groundwater monitoring well, B-5W, was constructed in the borehole. The temporary monitoring well was constructed of one-inch diameter Schedule 40 PVC riser and 10 feet of Schedule 40 PVC well screen with 0.010-inch slots; the screened interval was surrounded by filter sand and overlain by a layer of bentonite. The well was developed by purging three volumes of water from the well prior to the collection of groundwater samples on April 29, 2008. The temporary monitoring well was abandoned by backfilling the boring with bentonite chips after the groundwater sample was collected.

The ground water sample was analyzed for VOCs according to USEPA Method 8260 and SVOCs according to USEPA Method 8270 plus 1, 4-dioxane.

3.0 LABORATORY RESULTS

The soil sample results were compared to the respective North Carolina Department of Environment and Natural Resources (NCDENR) Inactive Hazardous Sites Branch (IHSB) Health-Based Soil Remediation Goals (SRG). The laboratory analytical reports and chain-of-custody records are included in **Appendix B**.

3.1 Soil Sample Analytical Results

VOCs, SVOCs and 1, 4-dioxane were not detected in the soil samples from boring B-1 through B9 and B-11. Acetone was detected in the soil samples collected from boring B-10, F-1, and F-2 at concentrations that do not exceed the respective SRGs. The presence of acetone is attributed to laboratory contaminant.

3.2 Groundwater Analytical Results

The laboratory did not detect VOCs, SVOCs or 1, 4-dioxane in the groundwater sample collected from temporary well B-5W.

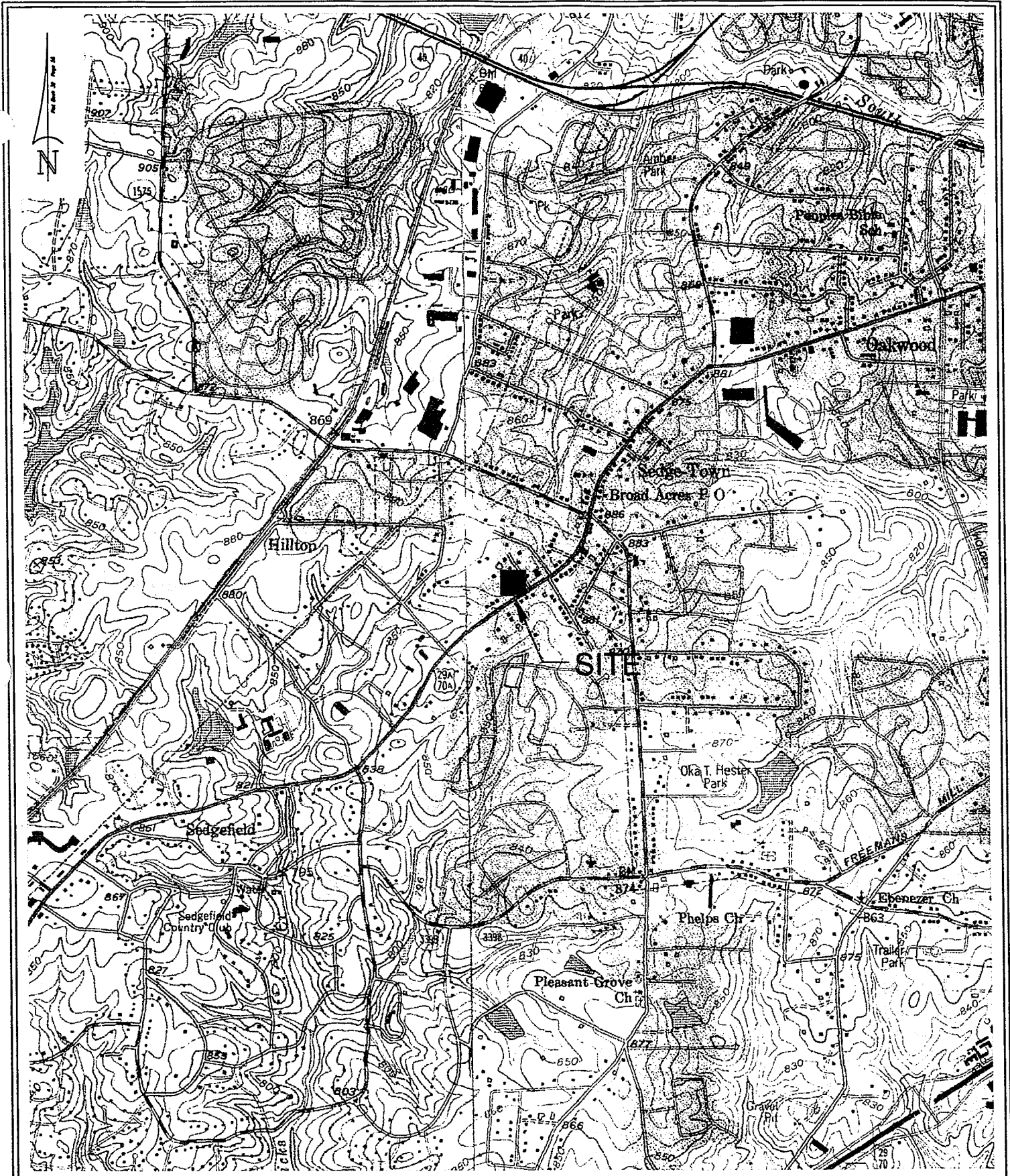
4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the Preliminary Environmental Assessment activities and the laboratory analytical results, MACTEC concludes that there is no evidence of a release from the site operations in the vicinity of the soil borings. MACTEC recommends no additional environmental investigation of the site soil at this time.

5.0 QUALIFICATIONS

This assessment was performed under a limited scope for those purposes described above. The conclusions and recommendations presented in this report are based upon the data that were reviewed and documented in this report along with our experience on similar projects. The discovery of any additional information concerning environmental conditions at the site should be reported to MACTEC for additional review so that potential environmental impacts can be reassessed and the conclusions and recommendations modified, if appropriate.

FIGURES



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 MACTEC ENGINEERING AND CONSULTING, INC.
 3301 ATLANTIC AVENUE
 RALEIGH, NORTH CAROLINA

SITE LOCATION MAP
PRELIMINARY SITE ASSESSMENT
DENNIS HOWARD PROPERTY
STATE PROJECT: U-2412B; WBS: 34802.1.1
GUILFORD COUNTY, NORTH CAROLINA

DRAWN: R.R.	DATE: JUNE 2008	FIGURE 1
ENG CHECK: <i>RHR</i>	SCALE: 1" = 2000'	
APPROVAL:	JOB No.: 6470-08-2081	

REFERENCE: TOPO IS FROM THE GREENSBORO QUAD, 2002.

APPENDIX A
SOIL BORING LOGS

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-1	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel		
		0			4" -1' Light brown SILTY CLAY, firm, slightly sticky, slightly plastic. Slightly damp.		
		0			3' -5' Light brown and red SILTY CLAY, firm, slightly plastic, some mica. Dry.		
-5-		0			5'-10' Red brown CLAYEY SILT, moderately firm, non plastic, some mica. Dry.		
		0					
-10-		0			10'-14' Orange brown and red brown SILT, soft, slightly plastic, some mica. Dry.		
		0					Becoming moist.
-15-		0			Color changes to orange brown.		Soft.
		0					
-20-	*	0					Water encountered.
					Boring terminated at approximately 20 feet bgs.		
-25-							
-30-							
-35-							

NOTES: Sample collected at 20 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-2	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel		
		0			4"-3.5' Light brown and red brown mottled SILTY CLAY, firm, slightly plastic. Dry.		
-5-		0			4'-8' Red brown SILT, firm, slightly plastic. Dry.		
		0					Some saprolite?
-10-		0			8'-16' Red brown and light brown SILT, soft, non plastic, some mica. Moist.		
-15-		0					Slight organic odor
		0			16'-20' Red brown, tan, brown mottled SILT, soft, slightly plastic, some black.		
-20-	*	0					
					Boring terminated at approximately 20 feet bgs		Water encountered.
-25-							
-30-							
-35-							

NOTES: Sample collected at 20 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-3	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel		
		0			4"-2' Dark brown SILTY CLAY, moderately firm, slightly plastic, few roots.		Slight sewer odor.
		0			2'-3' Light brown to grey brown SANDY SILT, moderately firm, non plastic. Moist.		No odor.
-5-		0			3'-6' Light brown and red brown SILTY CLAY, moderately firm, slightly plastic. Moist.		
		0			6'-12' Red brown and yellow brown SILT, moderately firm, slightly plastic, some white. Moist.		Becoming moist.
-10-		0			12'-25' Red brown and yellow brown SILT, soft, slightly plastic, some mica. Damp.		
-15-		0			Color grades to yellow brown.		
-20-		0					
-25-	*	0					
-30-					Boring terminated at approximately 25 feet bgs.		
-35-							

NOTES: Sample collected at 20 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-4	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel		
		0			4"-1' Brown SILTY CLAY, firm, slightly plastic, some gravel. Damp.		Fill material
					1'-2' Brown SILTY CLAY, firm, slightly plastic, some roots, some leaves. Damp.		Slight sewer odor
-5-		0			4'-18' Red brown and yellow brown mottled SILT, firm, slightly sticky, slightly plastic, some mica. Dry.		
		0					
-10-		0					Becoming soft and moist
-15-		0					Becoming damp
-20-		0			18'-25' Red brown and yellow brown SILT, soft, some mica, some black.		
-25-	*	0					
					Boring terminated at approximately 25 feet bgs.		
-30-							
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-5	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-6" Asphalt and gravel		
		0			6"-4' Brown gray SANDY SILT, firm, slightly plastic. Damp.		
-5-		0			4'-10' Light brown and red brown SILTY CLAY, firm, slightly plastic. Damp.		
		0					
-10-		0			10'-16' Red brown SILT, soft, slightly plastic, some mica. Damp.		
		0					
-15-		0			16'-25' yellow brown SILT, soft, some mica. Slightly wet.		
		0					
-20-		0					
		0					
-25-	*	0					
-30-					Boring terminated at approximately 27 feet bgs.		
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

MACTEC Engineering and Consulting, Inc.

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SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-6	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0"-6" Asphalt and gravel. 6"-4' Brown gray CLAYEY SAND, firm, non plastic, some gravel. Damp.		Fill material
-5-		0			4'-8' Brown SILTY CLAY, firm, slightly plastic, some black. Damp.		
-10-		0			8'-14' Red brown, yellow brown, and white SILT, soft, slightly plastic, some mica. Damp.		
-15-		0			14'-25' Red brown and yellow brown SILT, slightly plastic, some mica, some black. Damp.		Becoming wet.
-20-		0					
-25-	*	0					
-30-					Boring terminated at approximately 25 feet bgs.		
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-7	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel		Fill material
		0			4"-5' Red brown SILTY CLAY, firm, slightly plastic, some mica. Slightly moist.		
-5-		0			5'-7' Red brown SANDY SILT, slightly plastic, some gravel. Slightly moist.		
		0			7'-9' Red brown SILT, soft, slightly plastic, some mica. Dry.		
-10-		0			9'-12' Red brown to orange brwon SANDY SILT, soft, slightly plastic, some black, some mica. Dry.		
		0			12'-25' Yellow brown and white SILT, soft, slightly plastic, some black, some mica. Moist.		
-15-		0					
-20-		0					
-25-	*	0					
					Boring terminated at approximately 25feet bgs.		
-30-							
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-8	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-6" Asphalt and gravel		Fill material
		0			6"-4' Red brown SILTY CLAY, firm, plastic, some black. Damp.		
-5-		0			4'-6' Red brown and yellow brown mottled SILTY CLAY, firm, slightly plastic. Damp.		Becoming soft
		0			6'-12' Red brown and yellow brown SILT, firm, slightly plastic. Damp.		
-10-		0					
		0			12'-23' Orange brown and red brown SILT, soft, slightly sitcky, slightly plastic, some black. Moist to Damp.		Becoming wet
-15-		0					
-20-	*	0					
-25-					Boring terminated at approximately 23 feet bgs.		
-30-							
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-9	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-4" Asphalt and gravel 4"-8' Red brown and yellow brown mottled SILTY CLAY, moderately firm, slightly sticky, slightly plastic, some mica. Damp.		Fill material
-5-		0			Some black.		
-10-		0			8'-12' Yellow brown and red brown SILT, soft, slightly plastic, some black. Moist.		
-15-		0			12'-25' Yellow brown to tan SILT, soft, slightly plastic, some mica, some black. Moist.		
-20-		0			4" white SILT layer.		
-25-	*	0					
-30-					Boring terminated at approximately 25 feet bgs.		
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

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SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-10	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-2" Grass		
		0			2"-4' Red brown SILTY CLAY, firm, slightly sticky, slightly plastic. Damp.		
-5-		0			4'-14' Red brown and yellow brown mottled SILT, firm, slightly plastic. Damp.		
-10-		0			Some black		
-15-		0			14'-25' Red and yellow mottled SILT, soft, slightly plastic, some black. Damp.		
-20-		0					
-25-	*	0					
-30-					Boring terminated at approximately 25 feet bgs.		
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	B-11	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/30/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-2" Grass		
		0			2"-4' Brown and red brown SILTY CLAY, firm, slightly plastic. Damp.		
					Color changes to yellow brown		
-5-		0			4'-12' Red brown SILT, firm, slightly plastic, some mica, some black. Damp.		
					Color changes to yellow brown		
-10-		0			12'-25' Red brown and yellow brown SILT, soft, slightly plastic, some mica. some black. Damp.		Soft
-15-		0					
-20-		0					
-25-	*	0					
					Boring terminated at approximately 25 feet bgs.		
-30-							
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

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SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	F-1	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/29/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-	*	0 0			0-6" Concrete and gravel Brown and red brown SILTY CLAY, firm, slightly sticky, plastic, damp.		
-5-		0 0			Boring terminated at approximately 2 feet bgs.		
-10-							
-15-							
-20-							
-25-							
-30-							
-35-							

NOTES: Sample collected at 2 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

SOIL BORING LOG

PROJECT NUMBER:	6470-08-2081	PROJECT NAME:	Dennis Howard Property
BORING NUMBER:	F-2	COORDINATES	4826 High Point Rd
ELEVATION (FT):	N/A	DATE	04/29/08
GEOLOGIST:	Kristen Lloyd	DATE STARTED:	04/30/08
DRILLING METHODS:	GeoProbe	DATE COMPLETED:	04/30/08

Sample Depth (FT)	Sample Interval (FT)	PID (ppm)	Munsell Color Code	REC (%)	DESCRIPTION	USCS Symbol	Remarks
-0-		0			0-6" Concrete		Fill material
		0			6"-2' gravel		
		0			2'-4' Yellow brown and red brown SILTY CLAY, firm, slightly sticky, slightly plastic. Damp.		
-5-		0			CLAY, firm, slightly plastic, mottled. Damp.		
		0			7'-14' Red brown SILT, firm, slightly plastic, some mica. Damp.		
-10-		0					
		0			14'-18' Red brown to orange brown and yellow brown mottled SANDY SILT, soft, some mica. Moist.		
-15-		0					
		0			18'-25' Yellow brown to light tan SANDY SILT, soft, some black. Moist.		
-20-		0					
-25-	*	0					Becoming soft
					Boring terminated at approximately 25 feet bgs.		
-30-							
-35-							

NOTES: Sample collected at 25 feet bgs. Samples were laboratory analyzed for VOCs and SVOCs.

APPENDIX B

**LABORATORY ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY RECORD**



Case Narrative

Date: 05/16/08
Company: N.C. Department of Transportation
Contact: Kristen Lloyd
Address: c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Client Project ID: High Point Rd.
Prism COC Group No: G0508059
Collection Date(s): 4/29/08 thru 4/30/08
Lab Submittal Date(s): 05/02/08
Client Project Name Or No: WBS# 34802.1.1

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 116 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

- Analysis Note for Q32348 MSD N-Nitrosodi-n-propylamine: RPD value outside the control limits.
- Analysis Note for Q32348 MSD Phenol: RPD value outside the control limits.
- Analysis Note for Q32373 MSD 1,4-Dichlorobenzene: RPD value outside the control limits.

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

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

Date Reviewed by: <u>Paula A. Gilleland</u>	Project Manager: <u>Paula A. Gilleland</u>
Signature: <u><i>Paula A. Gilleland</i></u>	Signature: <u><i>Paula A. Gilleland</i></u>
Review Date: <u>05/16/08</u>	Approval Date: <u>05/16/08</u>

Data Qualifiers Key Reference:

- B: Compound also detected in the method blank.
- #: Result outside of the QC limits.
- DO: Compound diluted out.
- E: Estimated concentration, calibration range exceeded.
- J: The analyte was positively identified but the value is estimated below the reporting limit.
- H: Estimated concentration with a high bias.
- L: Estimated concentration with a low bias.
- M: A matrix effect is present.

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 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	76.0	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatle Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.4	0.53	1	8260B	05/07/08 6:30	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	5.4	0.56	1	8260B	05/07/08 6:30	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.4	0.60	1	8260B	05/07/08 6:30	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	5.4	0.35	1	8260B	05/07/08 6:30	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	5.4	0.56	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	5.4	0.70	1	8260B	05/07/08 6:30	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	5.4	0.76	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.84	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	5.4	0.63	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.87	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.76	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.4	0.64	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.4	0.60	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	11	0.62	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	5.4	0.62	1	8260B	05/07/08 6:30	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	5.4	0.55	1	8260B	05/07/08 6:30	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.63	1	8260B	05/07/08 6:30	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	11	0.77	1	8260B	05/07/08 6:30	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	5.4	0.64	1	8260B	05/07/08 6:30	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	11	0.67	1	8260B	05/07/08 6:30	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	5.4	0.49	1	8260B	05/07/08 6:30	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.55	1	8260B	05/07/08 6:30	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	11	0.63	1	8260B	05/07/08 6:30	lwitry	Q32099
Hexanone	BRL	µg/kg	54	0.40	1	8260B	05/07/08 6:30	lwitry	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	11	0.78	1	8260B	05/07/08 6:30	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	1.1	1	8260B	05/07/08 6:30	Iwity	Q32099
Acetone	BRL	µg/kg	21	1.6	1	8260B	05/07/08 6:30	Iwity	Q32099
Benzene	BRL	µg/kg	3.2	0.64	1	8260B	05/07/08 6:30	Iwity	Q32099
Bromobenzene	BRL	µg/kg	5.4	0.63	1	8260B	05/07/08 6:30	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	5.4	0.72	1	8260B	05/07/08 6:30	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	5.4	0.56	1	8260B	05/07/08 6:30	Iwity	Q32099
Bromoform	BRL	µg/kg	5.4	0.64	1	8260B	05/07/08 6:30	Iwity	Q32099
Bromomethane	BRL	µg/kg	11	1.6	1	8260B	05/07/08 6:30	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	11	0.80	1	8260B	05/07/08 6:30	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	5.4	0.46	1	8260B	05/07/08 6:30	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	5.4	0.57	1	8260B	05/07/08 6:30	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	5.4	0.61	1	8260B	05/07/08 6:30	Iwity	Q32099
Chloroethane	BRL	µg/kg	11	1.4	1	8260B	05/07/08 6:30	Iwity	Q32099
Chloroform	BRL	µg/kg	5.4	0.54	1	8260B	05/07/08 6:30	Iwity	Q32099
Chloromethane	BRL	µg/kg	11	0.80	1	8260B	05/07/08 6:30	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	5.4	0.86	1	8260B	05/07/08 6:30	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	5.4	0.60	1	8260B	05/07/08 6:30	Iwity	Q32099
Dibromomethane	BRL	µg/kg	5.4	0.68	1	8260B	05/07/08 6:30	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	11	0.88	1	8260B	05/07/08 6:30	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	5.4	0.64	1	8260B	05/07/08 6:30	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	16	0.91	1	8260B	05/07/08 6:30	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	5.4	0.46	1	8260B	05/07/08 6:30	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	11	0.81	1	8260B	05/07/08 6:30	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	11	1.3	1	8260B	05/07/08 6:30	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	21	0.83	1	8260B	05/07/08 6:30	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.4	0.54	1	8260B	05/07/08 6:30	Iwity	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	11	0.64	1	8260B	05/07/08 6:30	Iwity	Q32099
n-Butylbenzene	BRL	µg/kg	16	0.72	1	8260B	05/07/08 6:30	Iwity	Q32099
n-Propylbenzene	BRL	µg/kg	11	0.62	1	8260B	05/07/08 6:30	Iwity	Q32099
Naphthalene	BRL	µg/kg	5.4	1.7	1	8260B	05/07/08 6:30	Iwity	Q32099
o-Xylene	BRL	µg/kg	5.4	0.68	1	8260B	05/07/08 6:30	Iwity	Q32099
p-Isopropyltoluene	BRL	µg/kg	16	0.78	1	8260B	05/07/08 6:30	Iwity	Q32099
sec-Butylbenzene	BRL	µg/kg	16	0.77	1	8260B	05/07/08 6:30	Iwity	Q32099
Styrene	BRL	µg/kg	5.4	0.60	1	8260B	05/07/08 6:30	Iwity	Q32099
tert-Butylbenzene	BRL	µg/kg	21	0.74	1	8260B	05/07/08 6:30	Iwity	Q32099
Tetrachloroethene	BRL	µg/kg	11	0.64	1	8260B	05/07/08 6:30	Iwity	Q32099
Toluene	BRL	µg/kg	5.4	0.59	1	8260B	05/07/08 6:30	Iwity	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	5.4	0.66	1	8260B	05/07/08 6:30	Iwity	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	5.4	0.87	1	8260B	05/07/08 6:30	Iwity	Q32099
Trichloroethene	BRL	µg/kg	5.4	0.88	1	8260B	05/07/08 6:30	Iwity	Q32099
Trichlorofluoromethane	BRL	µg/kg	5.4	0.77	1	8260B	05/07/08 6:30	Iwity	Q32099
Vinyl chloride	BRL	µg/kg	11	0.76	1	8260B	05/07/08 6:30	Iwity	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	102	81 - 128
Dibromofluoromethane	107	67 - 143
Bromofluorobenzene	101	77 - 128

Sample Weight Determination

Weight Bisulfate 1	6.16	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.60	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	5.69	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.6	5.8	1	8260SIM	05/09/08 21:52	erussell	Q32350
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 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	101	70 - 130
1,2-Dichloroethane-d4	106	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	440	48	1	8270C	05/12/08 22:59	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	440	49	1	8270C	05/12/08 22:59	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	440	43	1	8270C	05/12/08 22:59	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	440	52	1	8270C	05/12/08 22:59	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	440	52	1	8270C	05/12/08 22:59	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	440	47	1	8270C	05/12/08 22:59	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	440	29	1	8270C	05/12/08 22:59	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	440	65	1	8270C	05/12/08 22:59	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	440	130	1	8270C	05/12/08 22:59	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	440	58	1	8270C	05/12/08 22:59	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	440	79	1	8270C	05/12/08 22:59	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	440	55	1	8270C	05/12/08 22:59	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	440	18	1	8270C	05/12/08 22:59	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	440	49	1	8270C	05/12/08 22:59	rselph	Q32373
2-Methylphenol	BRL	µg/kg	440	35	1	8270C	05/12/08 22:59	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	440	62	1	8270C	05/12/08 22:59	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	440	51	1	8270C	05/12/08 22:59	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	440	79	1	8270C	05/12/08 22:59	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	440	38	1	8270C	05/12/08 22:59	rselph	Q32373
Bromophenylphenylether	BRL	µg/kg	440	55	1	8270C	05/12/08 22:59	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	440	52	1	8270C	05/12/08 22:59	rselph	Q32373

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Laboratory Report

05/16/08

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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	440	55	1	8270C	05/12/08 22:59	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	440	56	1	8270C	05/12/08 22:59	rselph	Q32373
Acenaphthene	BRL	µg/kg	440	60	1	8270C	05/12/08 22:59	rselph	Q32373
Acenaphthylene	BRL	µg/kg	440	41	1	8270C	05/12/08 22:59	rselph	Q32373
Anthracene	BRL	µg/kg	440	32	1	8270C	05/12/08 22:59	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	440	49	1	8270C	05/12/08 22:59	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	440	55	1	8270C	05/12/08 22:59	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	440	90	1	8270C	05/12/08 22:59	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	440	56	1	8270C	05/12/08 22:59	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	440	120	1	8270C	05/12/08 22:59	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	440	74	1	8270C	05/12/08 22:59	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	440	54	1	8270C	05/12/08 22:59	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	440	44	1	8270C	05/12/08 22:59	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	440	34	1	8270C	05/12/08 22:59	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	440	54	1	8270C	05/12/08 22:59	rselph	Q32373
Chrysene	BRL	µg/kg	440	30	1	8270C	05/12/08 22:59	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	440	70	1	8270C	05/12/08 22:59	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	440	130	1	8270C	05/12/08 22:59	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	440	41	1	8270C	05/12/08 22:59	rselph	Q32373
Dibenzofuran	BRL	µg/kg	440	54	1	8270C	05/12/08 22:59	rselph	Q32373
Diethylphthalate	BRL	µg/kg	440	110	1	8270C	05/12/08 22:59	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	440	65	1	8270C	05/12/08 22:59	rselph	Q32373
Fluoranthene	BRL	µg/kg	440	77	1	8270C	05/12/08 22:59	rselph	Q32373
Fluorene	BRL	µg/kg	440	62	1	8270C	05/12/08 22:59	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	440	60	1	8270C	05/12/08 22:59	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	440	44	1	8270C	05/12/08 22:59	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	440	65	1	8270C	05/12/08 22:59	rselph	Q32373

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	440	18	1	8270C	05/12/08 22:59	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	440	42	1	8270C	05/12/08 22:59	rselph	Q32373
Isophorone	BRL	µg/kg	440	42	1	8270C	05/12/08 22:59	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	440	26	1	8270C	05/12/08 22:59	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	440	64	1	8270C	05/12/08 22:59	rselph	Q32373
Naphthalene	BRL	µg/kg	440	52	1	8270C	05/12/08 22:59	rselph	Q32373
Nitrobenzene	BRL	µg/kg	440	55	1	8270C	05/12/08 22:59	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	440	67	1	8270C	05/12/08 22:59	rselph	Q32373
Benanthrene	BRL	µg/kg	440	37	1	8270C	05/12/08 22:59	rselph	Q32373
Phenol	BRL	µg/kg	440	77	1	8270C	05/12/08 22:59	rselph	Q32373
Pyrene	BRL	µg/kg	440	84	1	8270C	05/12/08 22:59	rselph	Q32373

Sample Preparation: 29.7 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	77	41 - 136
Phenol-d5	52	13 - 95
Nitrobenzene-d5	56	14 - 103
2-Fluorophenol	51	14 - 89
2-Fluorobiphenyl	62	21 - 108
2,4,6-Tribromophenol	83	25 - 123

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-1
 Prism Sample ID: 213209
 COC Group: G0508059
 Time Collected: 04/29/08 12:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
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 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	74.2	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.7	0.56	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	5.7	0.59	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.7	0.64	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	5.7	0.38	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	5.7	0.59	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	5.7	0.74	1	8260B	05/07/08 7:13	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	5.7	0.81	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	11	0.89	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	5.7	0.67	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	11	0.93	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	11	0.81	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.7	0.69	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.7	0.64	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	11	0.66	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	5.7	0.66	1	8260B	05/07/08 7:13	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	5.7	0.58	1	8260B	05/07/08 7:13	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	11	0.67	1	8260B	05/07/08 7:13	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	11	0.82	1	8260B	05/07/08 7:13	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	5.7	0.69	1	8260B	05/07/08 7:13	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	11	0.71	1	8260B	05/07/08 7:13	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	5.7	0.53	1	8260B	05/07/08 7:13	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	11	0.58	1	8260B	05/07/08 7:13	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	11	0.67	1	8260B	05/07/08 7:13	lwitry	Q32099
2-Hexanone	BRL	µg/kg	57	0.42	1	8260B	05/07/08 7:13	lwitry	Q32099

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05/16/08

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 c/o MACTEC Eng. & Consulting, Inc
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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	11	0.84	1	8260B	05/07/08 7:13	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	11	1.2	1	8260B	05/07/08 7:13	Iwity	Q32099
Acetone	BRL	µg/kg	23	1.7	1	8260B	05/07/08 7:13	Iwity	Q32099
Benzene	BRL	µg/kg	3.4	0.69	1	8260B	05/07/08 7:13	Iwity	Q32099
Bromobenzene	BRL	µg/kg	5.7	0.67	1	8260B	05/07/08 7:13	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	5.7	0.77	1	8260B	05/07/08 7:13	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	5.7	0.59	1	8260B	05/07/08 7:13	Iwity	Q32099
Bromoform	BRL	µg/kg	5.7	0.69	1	8260B	05/07/08 7:13	Iwity	Q32099
Bromomethane	BRL	µg/kg	11	1.7	1	8260B	05/07/08 7:13	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	11	0.85	1	8260B	05/07/08 7:13	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	5.7	0.49	1	8260B	05/07/08 7:13	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	5.7	0.61	1	8260B	05/07/08 7:13	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	5.7	0.65	1	8260B	05/07/08 7:13	Iwity	Q32099
Chloroethane	BRL	µg/kg	11	1.5	1	8260B	05/07/08 7:13	Iwity	Q32099
Chloroform	BRL	µg/kg	5.7	0.57	1	8260B	05/07/08 7:13	Iwity	Q32099
Chloromethane	BRL	µg/kg	11	0.85	1	8260B	05/07/08 7:13	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	5.7	0.92	1	8260B	05/07/08 7:13	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	5.7	0.64	1	8260B	05/07/08 7:13	Iwity	Q32099
Dibromomethane	BRL	µg/kg	5.7	0.72	1	8260B	05/07/08 7:13	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	11	0.94	1	8260B	05/07/08 7:13	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	5.7	0.69	1	8260B	05/07/08 7:13	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	17	0.97	1	8260B	05/07/08 7:13	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	5.7	0.49	1	8260B	05/07/08 7:13	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	11	0.86	1	8260B	05/07/08 7:13	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	11	1.4	1	8260B	05/07/08 7:13	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	23	0.88	1	8260B	05/07/08 7:13	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.7	0.57	1	8260B	05/07/08 7:13	Iwity	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	11	0.69	1	8260B	05/07/08 7:13	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	17	0.77	1	8260B	05/07/08 7:13	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	11	0.66	1	8260B	05/07/08 7:13	lwitry	Q32099
Naphthalene	BRL	µg/kg	5.7	1.8	1	8260B	05/07/08 7:13	lwitry	Q32099
o-Xylene	BRL	µg/kg	5.7	0.72	1	8260B	05/07/08 7:13	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	17	0.84	1	8260B	05/07/08 7:13	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	17	0.82	1	8260B	05/07/08 7:13	lwitry	Q32099
Styrene	BRL	µg/kg	5.7	0.64	1	8260B	05/07/08 7:13	lwitry	Q32099
tert-Butylbenzene	BRL	µg/kg	23	0.79	1	8260B	05/07/08 7:13	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	11	0.69	1	8260B	05/07/08 7:13	lwitry	Q32099
Toluene	BRL	µg/kg	5.7	0.63	1	8260B	05/07/08 7:13	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	5.7	0.70	1	8260B	05/07/08 7:13	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	5.7	0.93	1	8260B	05/07/08 7:13	lwitry	Q32099
Trichloroethene	BRL	µg/kg	5.7	0.94	1	8260B	05/07/08 7:13	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	5.7	0.82	1	8260B	05/07/08 7:13	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	11	0.81	1	8260B	05/07/08 7:13	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	100	81 - 128
Dibromofluoromethane	109	67 - 143
Bromofluorobenzene	104	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.89	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.96	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	6.14	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.7	5.9	1	8260SIM	05/09/08 22:23	erussell	Q32350
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID												
<table border="1"> <thead> <tr> <th>Surrogate</th> <th>% Recovery</th> <th>Control Limits</th> </tr> </thead> <tbody> <tr> <td>Dibromofluoromethane</td> <td>102</td> <td>70 - 130</td> </tr> <tr> <td>Bromofluorobenzene</td> <td>101</td> <td>70 - 130</td> </tr> <tr> <td>1,2-Dichloroethane-d4</td> <td>105</td> <td>70 - 130</td> </tr> </tbody> </table>										Surrogate	% Recovery	Control Limits	Dibromofluoromethane	102	70 - 130	Bromofluorobenzene	101	70 - 130	1,2-Dichloroethane-d4	105	70 - 130
Surrogate	% Recovery	Control Limits																			
Dibromofluoromethane	102	70 - 130																			
Bromofluorobenzene	101	70 - 130																			
1,2-Dichloroethane-d4	105	70 - 130																			
Semi-volatile Organic Compounds by GC/MS																					
1,2,4-Trichlorobenzene	BRL	µg/kg	450	49	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Dichlorobenzene	BRL	µg/kg	450	49	1	8270C	05/12/08 23:32	rselph	Q32373												
1,3-Dichlorobenzene	BRL	µg/kg	450	43	1	8270C	05/12/08 23:32	rselph	Q32373												
1,4-Dichlorobenzene	BRL	µg/kg	450	53	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4,5-Trichlorophenol	BRL	µg/kg	450	53	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4,6-Trichlorophenol	BRL	µg/kg	450	48	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4-Dichlorophenol	BRL	µg/kg	450	29	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4-Dimethylphenol	BRL	µg/kg	450	66	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4-Dinitrophenol	BRL	µg/kg	450	130	1	8270C	05/12/08 23:32	rselph	Q32373												
2,4-Dinitrotoluene	BRL	µg/kg	450	59	1	8270C	05/12/08 23:32	rselph	Q32373												
2,6-Dinitrotoluene	BRL	µg/kg	450	80	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Chloronaphthalene	BRL	µg/kg	450	56	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Chlorophenol	BRL	µg/kg	450	19	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Methylnaphthalene	BRL	µg/kg	450	50	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Methylphenol	BRL	µg/kg	450	36	1	8270C	05/12/08 23:32	rselph	Q32373												
2-Nitrophenol	BRL	µg/kg	450	63	1	8270C	05/12/08 23:32	rselph	Q32373												
3&4-Methylphenol	BRL	µg/kg	450	52	1	8270C	05/12/08 23:32	rselph	Q32373												
3,3'-Dichlorobenzidine	BRL	µg/kg	450	81	1	8270C	05/12/08 23:32	rselph	Q32373												
4,6-Dinitro-2-methylphenol	BRL	µg/kg	450	38	1	8270C	05/12/08 23:32	rselph	Q32373												
Bromophenylphenylether	BRL	µg/kg	450	56	1	8270C	05/12/08 23:32	rselph	Q32373												
4-Chloro-3-methylphenol	BRL	µg/kg	450	53	1	8270C	05/12/08 23:32	rselph	Q32373												

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 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	450	56	1	8270C	05/12/08 23:32	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	450	57	1	8270C	05/12/08 23:32	rselph	Q32373
Acenaphthene	BRL	µg/kg	450	61	1	8270C	05/12/08 23:32	rselph	Q32373
Acenaphthylene	BRL	µg/kg	450	42	1	8270C	05/12/08 23:32	rselph	Q32373
Anthracene	BRL	µg/kg	450	32	1	8270C	05/12/08 23:32	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	450	50	1	8270C	05/12/08 23:32	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	450	56	1	8270C	05/12/08 23:32	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	450	91	1	8270C	05/12/08 23:32	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	450	57	1	8270C	05/12/08 23:32	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	450	120	1	8270C	05/12/08 23:32	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	450	75	1	8270C	05/12/08 23:32	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	450	55	1	8270C	05/12/08 23:32	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	450	45	1	8270C	05/12/08 23:32	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	450	34	1	8270C	05/12/08 23:32	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	450	55	1	8270C	05/12/08 23:32	rselph	Q32373
Chrysene	BRL	µg/kg	450	30	1	8270C	05/12/08 23:32	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	450	71	1	8270C	05/12/08 23:32	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	450	130	1	8270C	05/12/08 23:32	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	450	42	1	8270C	05/12/08 23:32	rselph	Q32373
Dibenzofuran	BRL	µg/kg	450	54	1	8270C	05/12/08 23:32	rselph	Q32373
Diethylphthalate	BRL	µg/kg	450	110	1	8270C	05/12/08 23:32	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	450	66	1	8270C	05/12/08 23:32	rselph	Q32373
Fluoranthene	BRL	µg/kg	450	79	1	8270C	05/12/08 23:32	rselph	Q32373
Fluorene	BRL	µg/kg	450	64	1	8270C	05/12/08 23:32	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	450	61	1	8270C	05/12/08 23:32	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	450	44	1	8270C	05/12/08 23:32	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	450	66	1	8270C	05/12/08 23:32	rselph	Q32373

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 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	450	18	1	8270C	05/12/08 23:32	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	450	42	1	8270C	05/12/08 23:32	rselph	Q32373
Isophorone	BRL	µg/kg	450	43	1	8270C	05/12/08 23:32	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	450	26	1	8270C	05/12/08 23:32	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	450	65	1	8270C	05/12/08 23:32	rselph	Q32373
Naphthalene	BRL	µg/kg	450	53	1	8270C	05/12/08 23:32	rselph	Q32373
Nitrobenzene	BRL	µg/kg	450	56	1	8270C	05/12/08 23:32	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	450	68	1	8270C	05/12/08 23:32	rselph	Q32373
Benanthrene	BRL	µg/kg	450	38	1	8270C	05/12/08 23:32	rselph	Q32373
Phenol	BRL	µg/kg	450	79	1	8270C	05/12/08 23:32	rselph	Q32373
Pyrene	BRL	µg/kg	450	85	1	8270C	05/12/08 23:32	rselph	Q32373

Sample Preparation: 29.92 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	88	41 - 136
Phenol-d5	65	13 - 95
Nitrobenzene-d5	65	14 - 103
2-Fluorophenol	62	14 - 89
2-Fluorobiphenyl	52	21 - 108
2,4,6-Tribromophenol	93	25 - 123

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-2
 Prism Sample ID: 213210
 COC Group: G0508059
 Time Collected: 04/29/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-3
 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	72.5	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	6.1	0.60	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	6.1	0.64	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	6.1	0.69	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	6.1	0.40	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	6.1	0.64	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	6.1	0.80	1	8260B	05/07/08 7:57	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	6.1	0.87	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	12	0.96	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	6.1	0.72	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	12	0.98	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	12	0.87	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	6.1	0.74	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	6.1	0.69	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	12	0.71	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	6.1	0.71	1	8260B	05/07/08 7:57	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	6.1	0.63	1	8260B	05/07/08 7:57	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	12	0.72	1	8260B	05/07/08 7:57	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	12	0.88	1	8260B	05/07/08 7:57	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	6.1	0.74	1	8260B	05/07/08 7:57	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	12	0.76	1	8260B	05/07/08 7:57	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	6.1	0.56	1	8260B	05/07/08 7:57	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	12	0.63	1	8260B	05/07/08 7:57	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	12	0.72	1	8260B	05/07/08 7:57	lwitry	Q32099
2-Hexanone	BRL	µg/kg	61	0.45	1	8260B	05/07/08 7:57	lwitry	Q32099

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-3
 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	12	0.90	1	8260B	05/07/08 7:57	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	12	1.3	1	8260B	05/07/08 7:57	Iwity	Q32099
Acetone	BRL	µg/kg	25	1.9	1	8260B	05/07/08 7:57	Iwity	Q32099
Benzene	BRL	µg/kg	3.7	0.74	1	8260B	05/07/08 7:57	Iwity	Q32099
Bromobenzene	BRL	µg/kg	6.1	0.72	1	8260B	05/07/08 7:57	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	6.1	0.82	1	8260B	05/07/08 7:57	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	6.1	0.64	1	8260B	05/07/08 7:57	Iwity	Q32099
Bromoform	BRL	µg/kg	6.1	0.74	1	8260B	05/07/08 7:57	Iwity	Q32099
Bromomethane	BRL	µg/kg	12	1.8	1	8260B	05/07/08 7:57	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	12	0.91	1	8260B	05/07/08 7:57	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	6.1	0.53	1	8260B	05/07/08 7:57	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	6.1	0.65	1	8260B	05/07/08 7:57	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	6.1	0.70	1	8260B	05/07/08 7:57	Iwity	Q32099
Chloroethane	BRL	µg/kg	12	1.6	1	8260B	05/07/08 7:57	Iwity	Q32099
Chloroform	BRL	µg/kg	6.1	0.61	1	8260B	05/07/08 7:57	Iwity	Q32099
Chloromethane	BRL	µg/kg	12	0.91	1	8260B	05/07/08 7:57	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	6.1	0.98	1	8260B	05/07/08 7:57	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	6.1	0.69	1	8260B	05/07/08 7:57	Iwity	Q32099
Dibromomethane	BRL	µg/kg	6.1	0.77	1	8260B	05/07/08 7:57	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	12	1.0	1	8260B	05/07/08 7:57	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	6.1	0.74	1	8260B	05/07/08 7:57	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	18	1.0	1	8260B	05/07/08 7:57	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	6.1	0.53	1	8260B	05/07/08 7:57	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	12	0.92	1	8260B	05/07/08 7:57	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	12	1.5	1	8260B	05/07/08 7:57	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	25	0.94	1	8260B	05/07/08 7:57	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.1	0.61	1	8260B	05/07/08 7:57	Iwity	Q32099

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-3
 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	12	0.74	1	8260B	05/07/08 7:57	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	18	0.82	1	8260B	05/07/08 7:57	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	12	0.71	1	8260B	05/07/08 7:57	lwitry	Q32099
Naphthalene	BRL	µg/kg	6.1	1.9	1	8260B	05/07/08 7:57	lwitry	Q32099
o-Xylene	BRL	µg/kg	6.1	0.77	1	8260B	05/07/08 7:57	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	18	0.90	1	8260B	05/07/08 7:57	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	18	0.88	1	8260B	05/07/08 7:57	lwitry	Q32099
Styrene	BRL	µg/kg	6.1	0.69	1	8260B	05/07/08 7:57	lwitry	Q32099
tert-Butylbenzene	BRL	µg/kg	25	0.85	1	8260B	05/07/08 7:57	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	12	0.74	1	8260B	05/07/08 7:57	lwitry	Q32099
Toluene	BRL	µg/kg	6.1	0.67	1	8260B	05/07/08 7:57	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	6.1	0.75	1	8260B	05/07/08 7:57	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	6.1	0.98	1	8260B	05/07/08 7:57	lwitry	Q32099
Trichloroethene	BRL	µg/kg	6.1	1.0	1	8260B	05/07/08 7:57	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	6.1	0.88	1	8260B	05/07/08 7:57	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	12	0.87	1	8260B	05/07/08 7:57	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	102	81 - 128
Dibromofluoromethane	105	67 - 143
Bromofluorobenzene	102	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.62	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.29	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	5.73	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.9	6.1	1	8260SIM	05/09/08 22:55	erussell	Q32350
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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	101	70 - 130
Bromofluorobenzene	101	70 - 130
1,2-Dichloroethane-d4	105	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	460	50	1	8270C	05/13/08 0:05	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	460	50	1	8270C	05/13/08 0:05	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	460	44	1	8270C	05/13/08 0:05	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	460	54	1	8270C	05/13/08 0:05	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	460	54	1	8270C	05/13/08 0:05	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	460	49	1	8270C	05/13/08 0:05	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	460	30	1	8270C	05/13/08 0:05	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	460	68	1	8270C	05/13/08 0:05	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	460	130	1	8270C	05/13/08 0:05	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	460	60	1	8270C	05/13/08 0:05	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	460	82	1	8270C	05/13/08 0:05	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	460	57	1	8270C	05/13/08 0:05	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	460	19	1	8270C	05/13/08 0:05	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	460	51	1	8270C	05/13/08 0:05	rselph	Q32373
2-Methylphenol	BRL	µg/kg	460	37	1	8270C	05/13/08 0:05	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	460	64	1	8270C	05/13/08 0:05	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	460	53	1	8270C	05/13/08 0:05	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	460	83	1	8270C	05/13/08 0:05	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	460	39	1	8270C	05/13/08 0:05	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	460	57	1	8270C	05/13/08 0:05	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	460	54	1	8270C	05/13/08 0:05	rselph	Q32373

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 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	460	57	1	8270C	05/13/08 0:05	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	460	58	1	8270C	05/13/08 0:05	rselph	Q32373
Acenaphthene	BRL	µg/kg	460	62	1	8270C	05/13/08 0:05	rselph	Q32373
Acenaphthylene	BRL	µg/kg	460	43	1	8270C	05/13/08 0:05	rselph	Q32373
Anthracene	BRL	µg/kg	460	33	1	8270C	05/13/08 0:05	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	460	51	1	8270C	05/13/08 0:05	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	460	58	1	8270C	05/13/08 0:05	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	460	93	1	8270C	05/13/08 0:05	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	460	58	1	8270C	05/13/08 0:05	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	460	120	1	8270C	05/13/08 0:05	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	460	77	1	8270C	05/13/08 0:05	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	460	57	1	8270C	05/13/08 0:05	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	460	46	1	8270C	05/13/08 0:05	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	460	35	1	8270C	05/13/08 0:05	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	460	56	1	8270C	05/13/08 0:05	rselph	Q32373
Chrysene	BRL	µg/kg	460	31	1	8270C	05/13/08 0:05	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	460	73	1	8270C	05/13/08 0:05	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	460	130	1	8270C	05/13/08 0:05	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	460	43	1	8270C	05/13/08 0:05	rselph	Q32373
Dibenzofuran	BRL	µg/kg	460	56	1	8270C	05/13/08 0:05	rselph	Q32373
Diethylphthalate	BRL	µg/kg	460	120	1	8270C	05/13/08 0:05	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	460	68	1	8270C	05/13/08 0:05	rselph	Q32373
Fluoranthene	BRL	µg/kg	460	81	1	8270C	05/13/08 0:05	rselph	Q32373
Fluorene	BRL	µg/kg	460	65	1	8270C	05/13/08 0:05	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	460	63	1	8270C	05/13/08 0:05	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	460	45	1	8270C	05/13/08 0:05	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	460	68	1	8270C	05/13/08 0:05	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-3
 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	460	19	1	8270C	05/13/08 0:05	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	460	43	1	8270C	05/13/08 0:05	rselph	Q32373
Isophorone	BRL	µg/kg	460	44	1	8270C	05/13/08 0:05	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	460	27	1	8270C	05/13/08 0:05	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	460	66	1	8270C	05/13/08 0:05	rselph	Q32373
Naphthalene	BRL	µg/kg	460	54	1	8270C	05/13/08 0:05	rselph	Q32373
Nitrobenzene	BRL	µg/kg	460	57	1	8270C	05/13/08 0:05	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	460	70	1	8270C	05/13/08 0:05	rselph	Q32373
Benanthrene	BRL	µg/kg	460	39	1	8270C	05/13/08 0:05	rselph	Q32373
Phenol	BRL	µg/kg	460	80	1	8270C	05/13/08 0:05	rselph	Q32373
Pyrene	BRL	µg/kg	460	87	1	8270C	05/13/08 0:05	rselph	Q32373

Sample Preparation: 29.94 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	101	41 - 136
Phenol-d5	93	13 - 95
Nitrobenzene-d5	91	14 - 103
2-Fluorophenol	80	14 - 89
2-Fluorobiphenyl	73	21 - 108
2,4,6-Tribromophenol	105	25 - 123

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 Sample Matrix: Soil

Client Sample ID: B-3
 Prism Sample ID: 213211
 COC Group: G0508059
 Time Collected: 04/29/08 15:30
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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	76.0	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatle Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	6.2	0.60	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	6.2	0.64	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	6.2	0.69	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	6.2	0.41	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	6.2	0.64	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	6.2	0.80	1	8260B	05/08/08 3:30	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	6.2	0.87	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	12	0.96	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	6.2	0.73	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	12	0.99	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	12	0.87	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	6.2	0.74	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	6.2	0.69	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	12	0.71	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	6.2	0.71	1	8260B	05/08/08 3:30	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	6.2	0.63	1	8260B	05/08/08 3:30	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	12	0.73	1	8260B	05/08/08 3:30	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	12	0.89	1	8260B	05/08/08 3:30	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	6.2	0.74	1	8260B	05/08/08 3:30	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	12	0.76	1	8260B	05/08/08 3:30	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	6.2	0.57	1	8260B	05/08/08 3:30	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	12	0.63	1	8260B	05/08/08 3:30	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	12	0.73	1	8260B	05/08/08 3:30	lwitry	Q32099
2-Hexanone	BRL	µg/kg	62	0.46	1	8260B	05/08/08 3:30	lwitry	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	12	0.90	1	8260B	05/08/08 3:30	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	12	1.3	1	8260B	05/08/08 3:30	Iwity	Q32099
Acetone	BRL	µg/kg	25	1.9	1	8260B	05/08/08 3:30	Iwity	Q32099
Benzene	BRL	µg/kg	3.7	0.74	1	8260B	05/08/08 3:30	Iwity	Q32099
Bromobenzene	BRL	µg/kg	6.2	0.73	1	8260B	05/08/08 3:30	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	6.2	0.83	1	8260B	05/08/08 3:30	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	6.2	0.64	1	8260B	05/08/08 3:30	Iwity	Q32099
Bromoform	BRL	µg/kg	6.2	0.74	1	8260B	05/08/08 3:30	Iwity	Q32099
Bromomethane	BRL	µg/kg	12	1.8	1	8260B	05/08/08 3:30	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	12	0.91	1	8260B	05/08/08 3:30	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	6.2	0.53	1	8260B	05/08/08 3:30	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	6.2	0.65	1	8260B	05/08/08 3:30	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	6.2	0.70	1	8260B	05/08/08 3:30	Iwity	Q32099
Chloroethane	BRL	µg/kg	12	1.6	1	8260B	05/08/08 3:30	Iwity	Q32099
Chloroform	BRL	µg/kg	6.2	0.62	1	8260B	05/08/08 3:30	Iwity	Q32099
Chloromethane	BRL	µg/kg	12	0.91	1	8260B	05/08/08 3:30	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	6.2	0.99	1	8260B	05/08/08 3:30	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	6.2	0.69	1	8260B	05/08/08 3:30	Iwity	Q32099
Dibromomethane	BRL	µg/kg	6.2	0.78	1	8260B	05/08/08 3:30	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	12	1.0	1	8260B	05/08/08 3:30	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	6.2	0.74	1	8260B	05/08/08 3:30	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	18	1.0	1	8260B	05/08/08 3:30	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	6.2	0.53	1	8260B	05/08/08 3:30	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	12	0.92	1	8260B	05/08/08 3:30	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	12	1.5	1	8260B	05/08/08 3:30	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	25	0.95	1	8260B	05/08/08 3:30	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.2	0.62	1	8260B	05/08/08 3:30	Iwity	Q32099

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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	12	0.74	1	8260B	05/08/08 3:30	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	18	0.83	1	8260B	05/08/08 3:30	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	12	0.71	1	8260B	05/08/08 3:30	lwitry	Q32099
Naphthalene	BRL	µg/kg	6.2	1.9	1	8260B	05/08/08 3:30	lwitry	Q32099
o-Xylene	BRL	µg/kg	6.2	0.78	1	8260B	05/08/08 3:30	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	18	0.90	1	8260B	05/08/08 3:30	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	18	0.89	1	8260B	05/08/08 3:30	lwitry	Q32099
Styrene	BRL	µg/kg	6.2	0.69	1	8260B	05/08/08 3:30	lwitry	Q32099
t-Butylbenzene	BRL	µg/kg	25	0.85	1	8260B	05/08/08 3:30	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	12	0.74	1	8260B	05/08/08 3:30	lwitry	Q32099
Toluene	BRL	µg/kg	6.2	0.68	1	8260B	05/08/08 3:30	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	6.2	0.75	1	8260B	05/08/08 3:30	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	6.2	0.99	1	8260B	05/08/08 3:30	lwitry	Q32099
Trichloroethene	BRL	µg/kg	6.2	1.0	1	8260B	05/08/08 3:30	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	6.2	0.89	1	8260B	05/08/08 3:30	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	12	0.87	1	8260B	05/08/08 3:30	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	97	81 - 128
Dibromofluoromethane	97	67 - 143
Bromofluorobenzene	98	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.47	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.94	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	5.50	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.6	5.8	1	8260SIM	05/09/08 23:26	erussell	Q32350
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 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	99	70 - 130
1,2-Dichloroethane-d4	106	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	440	48	1	8270C	05/13/08 13:10	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	440	48	1	8270C	05/13/08 13:10	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	440	42	1	8270C	05/13/08 13:10	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	440	52	1	8270C	05/13/08 13:10	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	440	52	1	8270C	05/13/08 13:10	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	440	47	1	8270C	05/13/08 13:10	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	440	29	1	8270C	05/13/08 13:10	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	440	65	1	8270C	05/13/08 13:10	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	440	130	1	8270C	05/13/08 13:10	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	440	57	1	8270C	05/13/08 13:10	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	440	79	1	8270C	05/13/08 13:10	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	440	55	1	8270C	05/13/08 13:10	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	440	18	1	8270C	05/13/08 13:10	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	440	49	1	8270C	05/13/08 13:10	rselph	Q32373
2-Methylphenol	BRL	µg/kg	440	35	1	8270C	05/13/08 13:10	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	440	61	1	8270C	05/13/08 13:10	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	440	51	1	8270C	05/13/08 13:10	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	440	79	1	8270C	05/13/08 13:10	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	440	37	1	8270C	05/13/08 13:10	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	440	54	1	8270C	05/13/08 13:10	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	440	52	1	8270C	05/13/08 13:10	rselph	Q32373

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	440	55	1	8270C	05/13/08 13:10	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	440	56	1	8270C	05/13/08 13:10	rselph	Q32373
Acenaphthene	BRL	µg/kg	440	59	1	8270C	05/13/08 13:10	rselph	Q32373
Acenaphthylene	BRL	µg/kg	440	41	1	8270C	05/13/08 13:10	rselph	Q32373
Anthracene	BRL	µg/kg	440	32	1	8270C	05/13/08 13:10	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	440	49	1	8270C	05/13/08 13:10	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	440	55	1	8270C	05/13/08 13:10	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	440	89	1	8270C	05/13/08 13:10	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	440	56	1	8270C	05/13/08 13:10	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	440	120	1	8270C	05/13/08 13:10	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	440	74	1	8270C	05/13/08 13:10	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	440	54	1	8270C	05/13/08 13:10	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	440	44	1	8270C	05/13/08 13:10	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	440	34	1	8270C	05/13/08 13:10	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	440	54	1	8270C	05/13/08 13:10	rselph	Q32373
Chrysene	BRL	µg/kg	440	29	1	8270C	05/13/08 13:10	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	440	70	1	8270C	05/13/08 13:10	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	440	130	1	8270C	05/13/08 13:10	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	440	41	1	8270C	05/13/08 13:10	rselph	Q32373
Dibenzofuran	BRL	µg/kg	440	53	1	8270C	05/13/08 13:10	rselph	Q32373
Diethylphthalate	BRL	µg/kg	440	110	1	8270C	05/13/08 13:10	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	440	65	1	8270C	05/13/08 13:10	rselph	Q32373
Fluoranthene	BRL	µg/kg	440	77	1	8270C	05/13/08 13:10	rselph	Q32373
Fluorene	BRL	µg/kg	440	62	1	8270C	05/13/08 13:10	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	440	60	1	8270C	05/13/08 13:10	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	440	43	1	8270C	05/13/08 13:10	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	440	65	1	8270C	05/13/08 13:10	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	440	18	1	8270C	05/13/08 13:10	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	440	41	1	8270C	05/13/08 13:10	rselph	Q32373
Isophorone	BRL	µg/kg	440	42	1	8270C	05/13/08 13:10	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	440	25	1	8270C	05/13/08 13:10	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	440	63	1	8270C	05/13/08 13:10	rselph	Q32373
Naphthalene	BRL	µg/kg	440	52	1	8270C	05/13/08 13:10	rselph	Q32373
Nitrobenzene	BRL	µg/kg	440	55	1	8270C	05/13/08 13:10	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	440	67	1	8270C	05/13/08 13:10	rselph	Q32373
Benanthrene	BRL	µg/kg	440	37	1	8270C	05/13/08 13:10	rselph	Q32373
Phenol	BRL	µg/kg	440	77	1	8270C	05/13/08 13:10	rselph	Q32373
Pyrene	BRL	µg/kg	440	83	1	8270C	05/13/08 13:10	rselph	Q32373

Sample Preparation: 29.81 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	95	41 - 136
Phenol-d5	63	13 - 95
Nitrobenzene-d5	65	14 - 103
2-Fluorophenol	68	14 - 89
2-Fluorobiphenyl	84	21 - 108
2,4,6-Tribromophenol	81	25 - 123

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 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-4
 Prism Sample ID: 213212
 COC Group: G0508059
 Time Collected: 04/29/08 16:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	75.6	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	6.6	0.65	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1,1-Trichloroethane	BRL	µg/kg	6.6	0.69	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1,2,2-Tetrachloroethane	BRL	µg/kg	6.6	0.74	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1,2-Trichloroethane	BRL	µg/kg	6.6	0.44	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1-Dichloroethane	BRL	µg/kg	6.6	0.69	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1-Dichloroethene	BRL	µg/kg	6.6	0.86	1	8260B	05/09/08 3:55	lwitry	Q32330
1,1-Dichloropropene	BRL	µg/kg	6.6	0.94	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2,3-Trichlorobenzene	BRL	µg/kg	13	1.0	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2,3-Trichloropropane	BRL	µg/kg	6.6	0.78	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2,4-Trichlorobenzene	BRL	µg/kg	13	1.1	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2,4-Trimethylbenzene	BRL	µg/kg	13	0.94	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2-Dibromo-3-chloropropane	BRL	µg/kg	6.6	0.80	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2-Dibromoethane (EDB)	BRL	µg/kg	6.6	0.74	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2-Dichlorobenzene	BRL	µg/kg	13	0.77	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2-Dichloroethane	BRL	µg/kg	6.6	0.77	1	8260B	05/09/08 3:55	lwitry	Q32330
1,2-Dichloropropane	BRL	µg/kg	6.6	0.68	1	8260B	05/09/08 3:55	lwitry	Q32330
1,3,5-Trimethylbenzene	BRL	µg/kg	13	0.78	1	8260B	05/09/08 3:55	lwitry	Q32330
1,3-Dichlorobenzene	BRL	µg/kg	13	0.95	1	8260B	05/09/08 3:55	lwitry	Q32330
1,3-Dichloropropane	BRL	µg/kg	6.6	0.80	1	8260B	05/09/08 3:55	lwitry	Q32330
1,4-Dichlorobenzene	BRL	µg/kg	13	0.82	1	8260B	05/09/08 3:55	lwitry	Q32330
2,2-Dichloropropane	BRL	µg/kg	6.6	0.61	1	8260B	05/09/08 3:55	lwitry	Q32330
2-Chloroethyl vinyl ether	BRL	µg/kg	13	0.68	1	8260B	05/09/08 3:55	lwitry	Q32330
2-Chlorotoluene	BRL	µg/kg	13	0.78	1	8260B	05/09/08 3:55	lwitry	Q32330
2-Hexanone	BRL	µg/kg	66	0.49	1	8260B	05/09/08 3:55	lwitry	Q32330

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	13	0.97	1	8260B	05/09/08 3:55	Iwity	Q32330
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	13	1.4	1	8260B	05/09/08 3:55	Iwity	Q32330
Acetone	BRL	µg/kg	27	2.0	1	8260B	05/09/08 3:55	Iwity	Q32330
Benzene	BRL	µg/kg	4.0	0.80	1	8260B	05/09/08 3:55	Iwity	Q32330
Bromobenzene	BRL	µg/kg	6.6	0.78	1	8260B	05/09/08 3:55	Iwity	Q32330
Bromochloromethane	BRL	µg/kg	6.6	0.89	1	8260B	05/09/08 3:55	Iwity	Q32330
Bromodichloromethane	BRL	µg/kg	6.6	0.69	1	8260B	05/09/08 3:55	Iwity	Q32330
Bromoform	BRL	µg/kg	6.6	0.80	1	8260B	05/09/08 3:55	Iwity	Q32330
Bromomethane	BRL	µg/kg	13	2.0	1	8260B	05/09/08 3:55	Iwity	Q32330
Carbon disulfide	BRL	µg/kg	13	0.98	1	8260B	05/09/08 3:55	Iwity	Q32330
Carbon tetrachloride	BRL	µg/kg	6.6	0.57	1	8260B	05/09/08 3:55	Iwity	Q32330
Chlorobenzene	BRL	µg/kg	6.6	0.70	1	8260B	05/09/08 3:55	Iwity	Q32330
Chlorodibromomethane	BRL	µg/kg	6.6	0.76	1	8260B	05/09/08 3:55	Iwity	Q32330
Chloroethane	BRL	µg/kg	13	1.7	1	8260B	05/09/08 3:55	Iwity	Q32330
Chloroform	BRL	µg/kg	6.6	0.66	1	8260B	05/09/08 3:55	Iwity	Q32330
Chloromethane	BRL	µg/kg	13	0.98	1	8260B	05/09/08 3:55	Iwity	Q32330
cis-1,2-Dichloroethene	BRL	µg/kg	6.6	1.1	1	8260B	05/09/08 3:55	Iwity	Q32330
cis-1,3-Dichloropropene	BRL	µg/kg	6.6	0.74	1	8260B	05/09/08 3:55	Iwity	Q32330
Dibromomethane	BRL	µg/kg	6.6	0.84	1	8260B	05/09/08 3:55	Iwity	Q32330
Dichlorodifluoromethane	BRL	µg/kg	13	1.1	1	8260B	05/09/08 3:55	Iwity	Q32330
Ethylbenzene	BRL	µg/kg	6.6	0.80	1	8260B	05/09/08 3:55	Iwity	Q32330
Hexachlorobutadiene	BRL	µg/kg	20	1.1	1	8260B	05/09/08 3:55	Iwity	Q32330
Isopropyl ether (IPE)	BRL	µg/kg	6.6	0.57	1	8260B	05/09/08 3:55	Iwity	Q32330
Isopropylbenzene	BRL	µg/kg	13	0.98	1	8260B	05/09/08 3:55	Iwity	Q32330
m,p-Xylenes	BRL	µg/kg	13	1.6	1	8260B	05/09/08 3:55	Iwity	Q32330
Methyl ethyl ketone (MEK)	BRL	µg/kg	27	1.0	1	8260B	05/09/08 3:55	Iwity	Q32330
Methyl t-butyl ether (MTBE)	BRL	µg/kg	6.6	0.66	1	8260B	05/09/08 3:55	Iwity	Q32330

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	13	0.80	1	8260B	05/09/08 3:55	lwitry	Q32330
n-Butylbenzene	BRL	µg/kg	20	0.89	1	8260B	05/09/08 3:55	lwitry	Q32330
n-Propylbenzene	BRL	µg/kg	13	0.77	1	8260B	05/09/08 3:55	lwitry	Q32330
Naphthalene	BRL	µg/kg	6.6	2.0	1	8260B	05/09/08 3:55	lwitry	Q32330
o-Xylene	BRL	µg/kg	6.6	0.84	1	8260B	05/09/08 3:55	lwitry	Q32330
p-Isopropyltoluene	BRL	µg/kg	20	0.97	1	8260B	05/09/08 3:55	lwitry	Q32330
sec-Butylbenzene	BRL	µg/kg	20	0.95	1	8260B	05/09/08 3:55	lwitry	Q32330
Styrene	BRL	µg/kg	6.6	0.74	1	8260B	05/09/08 3:55	lwitry	Q32330
t-Butylbenzene	BRL	µg/kg	27	0.91	1	8260B	05/09/08 3:55	lwitry	Q32330
Tetrachloroethene	BRL	µg/kg	13	0.80	1	8260B	05/09/08 3:55	lwitry	Q32330
Toluene	BRL	µg/kg	6.6	0.73	1	8260B	05/09/08 3:55	lwitry	Q32330
trans-1,2-Dichloroethene	BRL	µg/kg	6.6	0.81	1	8260B	05/09/08 3:55	lwitry	Q32330
trans-1,3-Dichloropropene	BRL	µg/kg	6.6	1.1	1	8260B	05/09/08 3:55	lwitry	Q32330
Trichloroethene	BRL	µg/kg	6.6	1.1	1	8260B	05/09/08 3:55	lwitry	Q32330
Trichlorofluoromethane	BRL	µg/kg	6.6	0.95	1	8260B	05/09/08 3:55	lwitry	Q32330
Vinyl chloride	BRL	µg/kg	13	0.94	1	8260B	05/09/08 3:55	lwitry	Q32330

Surrogate	% Recovery	Control Limits
Toluene-d8	107	81 - 128
Dibromofluoromethane	111	67 - 143
Bromofluorobenzene	112	77 - 128

Sample Weight Determination

Weight Bisulfate 1	4.98	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.16	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	4.77	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.6	5.8	1	8260SIM	05/09/08 23:58	erussell	Q32350
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	100	70 - 130
1,2-Dichloroethane-d4	108	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	430	48	1	8270C	05/13/08 13:42	rselph	Q32373
2-Dichlorobenzene	BRL	µg/kg	430	48	1	8270C	05/13/08 13:42	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	430	42	1	8270C	05/13/08 13:42	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	430	52	1	8270C	05/13/08 13:42	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	430	51	1	8270C	05/13/08 13:42	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	430	47	1	8270C	05/13/08 13:42	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	430	28	1	8270C	05/13/08 13:42	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	430	64	1	8270C	05/13/08 13:42	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	430	130	1	8270C	05/13/08 13:42	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	430	57	1	8270C	05/13/08 13:42	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	430	78	1	8270C	05/13/08 13:42	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	430	54	1	8270C	05/13/08 13:42	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	430	18	1	8270C	05/13/08 13:42	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	430	48	1	8270C	05/13/08 13:42	rselph	Q32373
2-Methylphenol	BRL	µg/kg	430	35	1	8270C	05/13/08 13:42	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	430	61	1	8270C	05/13/08 13:42	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	430	51	1	8270C	05/13/08 13:42	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	430	78	1	8270C	05/13/08 13:42	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	430	37	1	8270C	05/13/08 13:42	rselph	Q32373
Bromophenylphenylether	BRL	µg/kg	430	54	1	8270C	05/13/08 13:42	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	430	51	1	8270C	05/13/08 13:42	rselph	Q32373

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	430	54	1	8270C	05/13/08 13:42	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	430	55	1	8270C	05/13/08 13:42	rselph	Q32373
Acenaphthene	BRL	µg/kg	430	59	1	8270C	05/13/08 13:42	rselph	Q32373
Acenaphthylene	BRL	µg/kg	430	41	1	8270C	05/13/08 13:42	rselph	Q32373
Anthracene	BRL	µg/kg	430	31	1	8270C	05/13/08 13:42	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	430	49	1	8270C	05/13/08 13:42	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	430	55	1	8270C	05/13/08 13:42	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	430	88	1	8270C	05/13/08 13:42	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	430	55	1	8270C	05/13/08 13:42	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	430	120	1	8270C	05/13/08 13:42	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	430	73	1	8270C	05/13/08 13:42	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	430	54	1	8270C	05/13/08 13:42	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	430	43	1	8270C	05/13/08 13:42	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	430	33	1	8270C	05/13/08 13:42	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	430	53	1	8270C	05/13/08 13:42	rselph	Q32373
Chrysene	BRL	µg/kg	430	29	1	8270C	05/13/08 13:42	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	430	69	1	8270C	05/13/08 13:42	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	430	120	1	8270C	05/13/08 13:42	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	430	40	1	8270C	05/13/08 13:42	rselph	Q32373
Dibenzofuran	BRL	µg/kg	430	53	1	8270C	05/13/08 13:42	rselph	Q32373
Diethylphthalate	BRL	µg/kg	430	110	1	8270C	05/13/08 13:42	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	430	64	1	8270C	05/13/08 13:42	rselph	Q32373
Fluoranthene	BRL	µg/kg	430	76	1	8270C	05/13/08 13:42	rselph	Q32373
Fluorene	BRL	µg/kg	430	62	1	8270C	05/13/08 13:42	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	430	59	1	8270C	05/13/08 13:42	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	430	43	1	8270C	05/13/08 13:42	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	430	64	1	8270C	05/13/08 13:42	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	430	18	1	8270C	05/13/08 13:42	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	430	41	1	8270C	05/13/08 13:42	rselph	Q32373
Isophorone	BRL	µg/kg	430	41	1	8270C	05/13/08 13:42	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	430	25	1	8270C	05/13/08 13:42	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	430	63	1	8270C	05/13/08 13:42	rselph	Q32373
Naphthalene	BRL	µg/kg	430	52	1	8270C	05/13/08 13:42	rselph	Q32373
Nitrobenzene	BRL	µg/kg	430	54	1	8270C	05/13/08 13:42	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	430	66	1	8270C	05/13/08 13:42	rselph	Q32373
Benanthrene	BRL	µg/kg	430	37	1	8270C	05/13/08 13:42	rselph	Q32373
Phenol	BRL	µg/kg	430	76	1	8270C	05/13/08 13:42	rselph	Q32373
Pyrene	BRL	µg/kg	430	83	1	8270C	05/13/08 13:42	rselph	Q32373

Sample Preparation: 30.29 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	98	41 - 136
Phenol-d5	61	13 - 95
Nitrobenzene-d5	73	14 - 103
2-Fluorophenol	66	14 - 89
2-Fluorobiphenyl	86	21 - 108
2,4,6-Tribromophenol	86	25 - 123

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Project ID: High Point Rd.
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 Sample Matrix: Soil

Client Sample ID: B-5
 Prism Sample ID: 213213
 COC Group: G0508059
 Time Collected: 04/29/08 17:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Laboratory Report

05/16/08

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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1,1-Trichloroethane	BRL	µg/L	1.0	0.20	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1,2,2-Tetrachloroethane	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1,2-Trichloroethane	BRL	µg/L	1.0	0.15	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1-Dichloroethane	BRL	µg/L	1.0	0.088	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1-Dichloroethene	BRL	µg/L	1.0	0.095	1	8260B	05/11/08 2:13	Iwity	Q32383
1,1-Dichloropropene	BRL	µg/L	1.0	0.20	1	8260B	05/11/08 2:13	Iwity	Q32383
2,3-Trichlorobenzene	BRL	µg/L	2.0	0.24	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2,3-Trichloropropane	BRL	µg/L	1.0	0.17	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2,4-Trichlorobenzene	BRL	µg/L	1.0	0.22	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2,4-Trimethylbenzene	BRL	µg/L	1.0	0.16	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	1.3	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2-Dibromoethane (EDB)	BRL	µg/L	1.0	0.14	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2-Dichlorobenzene	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2-Dichloroethane	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
1,2-Dichloropropane	BRL	µg/L	1.0	0.17	1	8260B	05/11/08 2:13	Iwity	Q32383
1,3,5-Trimethylbenzene	BRL	µg/L	1.0	0.19	1	8260B	05/11/08 2:13	Iwity	Q32383
1,3-Dichlorobenzene	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
1,3-Dichloropropane	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
1,4-Dichlorobenzene	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
2,2-Dichloropropane	BRL	µg/L	2.0	0.21	1	8260B	05/11/08 2:13	Iwity	Q32383
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.41	1	8260B	05/11/08 2:13	Iwity	Q32383
2-Chlorotoluene	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
2-Hexanone	BRL	µg/L	5.0	0.23	1	8260B	05/11/08 2:13	Iwity	Q32383
4-Chlorotoluene	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
Methyl-2-pentanone (MIBK)	BRL	µg/L	5.0	0.46	1	8260B	05/11/08 2:13	Iwity	Q32383
Acetone	BRL	µg/L	10	0.44	1	8260B	05/11/08 2:13	Iwity	Q32383

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	100	0.54	1	8260B	05/11/08 2:13	Iwity	Q32383
Acrylonitrile	BRL	µg/L	100	0.43	1	8260B	05/11/08 2:13	Iwity	Q32383
Benzene	BRL	µg/L	1.0	0.094	1	8260B	05/11/08 2:13	Iwity	Q32383
Bromobenzene	BRL	µg/L	1.0	0.088	1	8260B	05/11/08 2:13	Iwity	Q32383
Bromochloromethane	BRL	µg/L	1.0	0.085	1	8260B	05/11/08 2:13	Iwity	Q32383
Bromodichloromethane	BRL	µg/L	1.0	0.15	1	8260B	05/11/08 2:13	Iwity	Q32383
Bromoform	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
Bromomethane	BRL	µg/L	3.0	0.23	1	8260B	05/11/08 2:13	Iwity	Q32383
Carbon disulfide	BRL	µg/L	5.0	0.15	1	8260B	05/11/08 2:13	Iwity	Q32383
Carbon tetrachloride	BRL	µg/L	2.0	0.15	1	8260B	05/11/08 2:13	Iwity	Q32383
Chlorobenzene	BRL	µg/L	1.0	0.10	1	8260B	05/11/08 2:13	Iwity	Q32383
Chlorodibromomethane	BRL	µg/L	1.0	0.20	1	8260B	05/11/08 2:13	Iwity	Q32383
Chloroethane	BRL	µg/L	5.0	0.18	1	8260B	05/11/08 2:13	Iwity	Q32383
Chloroform	BRL	µg/L	1.0	0.080	1	8260B	05/11/08 2:13	Iwity	Q32383
Chloromethane	BRL	µg/L	2.0	0.21	1	8260B	05/11/08 2:13	Iwity	Q32383
cis-1,2-Dichloroethene	BRL	µg/L	1.0	0.12	1	8260B	05/11/08 2:13	Iwity	Q32383
cis-1,3-Dichloropropene	BRL	µg/L	1.0	0.097	1	8260B	05/11/08 2:13	Iwity	Q32383
Dibromomethane	BRL	µg/L	1.0	0.14	1	8260B	05/11/08 2:13	Iwity	Q32383
Dichlorodifluoromethane	BRL	µg/L	2.0	0.19	1	8260B	05/11/08 2:13	Iwity	Q32383
Ethylbenzene	BRL	µg/L	1.0	0.16	1	8260B	05/11/08 2:13	Iwity	Q32383
Hexachlorobutadiene	BRL	µg/L	2.0	0.17	1	8260B	05/11/08 2:13	Iwity	Q32383
Isopropyl ether (IPE)	BRL	µg/L	1.0	0.079	1	8260B	05/11/08 2:13	Iwity	Q32383
Isopropylbenzene	BRL	µg/L	1.0	0.20	1	8260B	05/11/08 2:13	Iwity	Q32383
m,p-Xylenes	BRL	µg/L	2.0	0.33	1	8260B	05/11/08 2:13	Iwity	Q32383
Methyl ethyl ketone (MEK)	BRL	µg/L	5.0	0.36	1	8260B	05/11/08 2:13	Iwity	Q32383
Methyl t-butyl ether (MTBE)	BRL	µg/L	1.0	0.093	1	8260B	05/11/08 2:13	Iwity	Q32383
ethylene chloride	BRL	µg/L	2.0	0.16	1	8260B	05/11/08 2:13	Iwity	Q32383

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	1.0	0.21	1	8260B	05/11/08 2:13	lwitry	Q32383
n-Propylbenzene	BRL	µg/L	1.0	0.18	1	8260B	05/11/08 2:13	lwitry	Q32383
Naphthalene	BRL	µg/L	1.0	0.19	1	8260B	05/11/08 2:13	lwitry	Q32383
o-Xylene	BRL	µg/L	1.0	0.17	1	8260B	05/11/08 2:13	lwitry	Q32383
p-Isopropyltoluene	BRL	µg/L	1.0	0.21	1	8260B	05/11/08 2:13	lwitry	Q32383
sec-Butylbenzene	BRL	µg/L	1.0	0.16	1	8260B	05/11/08 2:13	lwitry	Q32383
Styrene	BRL	µg/L	1.0	0.11	1	8260B	05/11/08 2:13	lwitry	Q32383
tert-Butylbenzene	BRL	µg/L	1.0	0.17	1	8260B	05/11/08 2:13	lwitry	Q32383
tetrachloroethene	BRL	µg/L	1.0	0.17	1	8260B	05/11/08 2:13	lwitry	Q32383
Toluene	BRL	µg/L	1.0	0.31	1	8260B	05/11/08 2:13	lwitry	Q32383
trans-1,2-Dichloroethene	BRL	µg/L	2.0	0.12	1	8260B	05/11/08 2:13	lwitry	Q32383
trans-1,3-Dichloropropene	BRL	µg/L	1.0	0.22	1	8260B	05/11/08 2:13	lwitry	Q32383
Trichloroethene	BRL	µg/L	2.0	0.19	1	8260B	05/11/08 2:13	lwitry	Q32383
Trichlorofluoromethane	BRL	µg/L	2.0	0.21	1	8260B	05/11/08 2:13	lwitry	Q32383
Vinyl acetate	BRL	µg/L	20	0.44	1	8260B	05/11/08 2:13	lwitry	Q32383
Vinyl chloride	BRL	µg/L	2.0	0.23	1	8260B	05/11/08 2:13	lwitry	Q32383

Surrogate	% Recovery	Control Limits
Toluene-d8	110	75 - 121
Dibromofluoromethane	127	74 - 133
Bromofluorobenzene	99	69 - 139

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/L	1.0	0.32	1	8260SIM	05/10/08 20:16	erussell	Q32381
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	101	70 - 130
Bromofluorobenzene	95	70 - 130
1,2-Dichloroethane-d4	103	70 - 130

Semi-volatile Organics by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/L	9.8	2.7	1	8270C	05/09/08 15:19	rselph	Q32348
1,2-Dichlorobenzene	BRL	µg/L	9.8	2.9	1	8270C	05/09/08 15:19	rselph	Q32348
1,3-Dichlorobenzene	BRL	µg/L	9.8	3.0	1	8270C	05/09/08 15:19	rselph	Q32348
1,4-Dichlorobenzene	BRL	µg/L	9.8	3.0	1	8270C	05/09/08 15:19	rselph	Q32348
2,4,5-Trichlorophenol	BRL	µg/L	9.8	2.0	1	8270C	05/09/08 15:19	rselph	Q32348
2,4,6-Trichlorophenol	BRL	µg/L	9.8	2.2	1	8270C	05/09/08 15:19	rselph	Q32348
2,4-Dichlorophenol	BRL	µg/L	9.8	2.3	1	8270C	05/09/08 15:19	rselph	Q32348
2,4-Dimethylphenol	BRL	µg/L	9.8	2.5	1	8270C	05/09/08 15:19	rselph	Q32348
2,4-Dinitrophenol	BRL	µg/L	9.8	1.6	1	8270C	05/09/08 15:19	rselph	Q32348
2,4-Dinitrotoluene	BRL	µg/L	9.8	1.2	1	8270C	05/09/08 15:19	rselph	Q32348
2,6-Dinitrotoluene	BRL	µg/L	9.8	1.4	1	8270C	05/09/08 15:19	rselph	Q32348
2-Chloronaphthalene	BRL	µg/L	9.8	2.3	1	8270C	05/09/08 15:19	rselph	Q32348
2-Chlorophenol	BRL	µg/L	9.8	2.8	1	8270C	05/09/08 15:19	rselph	Q32348
2-Methylnaphthalene	BRL	µg/L	9.8	2.6	1	8270C	05/09/08 15:19	rselph	Q32348
2-Methylphenol	BRL	µg/L	9.8	2.5	1	8270C	05/09/08 15:19	rselph	Q32348
2-Nitrophenol	BRL	µg/L	9.8	2.8	1	8270C	05/09/08 15:19	rselph	Q32348
3&4-Methylphenol	BRL	µg/L	9.8	1.9	1	8270C	05/09/08 15:19	rselph	Q32348
3,3'-Dichlorobenzidine	BRL	µg/L	9.8	3.8	1	8270C	05/09/08 15:19	rselph	Q32348
4,6-Dinitro-2-methylphenol	BRL	µg/L	9.8	1.8	1	8270C	05/09/08 15:19	rselph	Q32348
4-Bromophenylphenylether	BRL	µg/L	9.8	0.78	1	8270C	05/09/08 15:19	rselph	Q32348
4-Chloro-3-methylphenol	BRL	µg/L	9.8	2.5	1	8270C	05/09/08 15:19	rselph	Q32348

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/L	9.8	1.8	1	8270C	05/09/08 15:19	rselph	Q32348
4-Nitrophenol	BRL	µg/L	9.8	0.60	1	8270C	05/09/08 15:19	rselph	Q32348
Acenaphthene	BRL	µg/L	9.8	2.3	1	8270C	05/09/08 15:19	rselph	Q32348
Acenaphthylene	BRL	µg/L	9.8	2.1	1	8270C	05/09/08 15:19	rselph	Q32348
Anthracene	BRL	µg/L	9.8	0.60	1	8270C	05/09/08 15:19	rselph	Q32348
Benzo(a)anthracene	BRL	µg/L	9.8	1.9	1	8270C	05/09/08 15:19	rselph	Q32348
Benzo(a)pyrene	BRL	µg/L	9.8	1.2	1	8270C	05/09/08 15:19	rselph	Q32348
Benzo(b)fluoranthene	BRL	µg/L	9.8	1.1	1	8270C	05/09/08 15:19	rselph	Q32348
Benzo(g,h,i)perylene	BRL	µg/L	9.8	1.1	1	8270C	05/09/08 15:19	rselph	Q32348
Benzo(k)fluoranthene	BRL	µg/L	9.8	1.3	1	8270C	05/09/08 15:19	rselph	Q32348
Bis(2-chloroethoxy)methane	BRL	µg/L	9.8	3.0	1	8270C	05/09/08 15:19	rselph	Q32348
Bis(2-chloroethyl)ether	BRL	µg/L	9.8	3.1	1	8270C	05/09/08 15:19	rselph	Q32348
Bis(2-chloroisopropyl)ether	BRL	µg/L	9.8	3.2	1	8270C	05/09/08 15:19	rselph	Q32348
Bis(2-ethylhexyl)phthalate	BRL	µg/L	9.8	2.2	1	8270C	05/09/08 15:19	rselph	Q32348
Butylbenzylphthalate	BRL	µg/L	9.8	2.5	1	8270C	05/09/08 15:19	rselph	Q32348
Chrysene	BRL	µg/L	9.8	1.8	1	8270C	05/09/08 15:19	rselph	Q32348
Di-n-butylphthalate	BRL	µg/L	9.8	1.5	1	8270C	05/09/08 15:19	rselph	Q32348
Di-n-octylphthalate	BRL	µg/L	9.8	2.2	1	8270C	05/09/08 15:19	rselph	Q32348
Dibenzo(a,h)anthracene	BRL	µg/L	9.8	1.4	1	8270C	05/09/08 15:19	rselph	Q32348
Dibenzofuran	BRL	µg/L	9.8	1.9	1	8270C	05/09/08 15:19	rselph	Q32348
Diethylphthalate	BRL	µg/L	9.8	0.97	1	8270C	05/09/08 15:19	rselph	Q32348
Dimethylphthalate	BRL	µg/L	9.8	1.4	1	8270C	05/09/08 15:19	rselph	Q32348
Fluoranthene	BRL	µg/L	9.8	0.74	1	8270C	05/09/08 15:19	rselph	Q32348
Fluorene	BRL	µg/L	9.8	1.7	1	8270C	05/09/08 15:19	rselph	Q32348
Hexachlorobenzene	BRL	µg/L	9.8	0.77	1	8270C	05/09/08 15:19	rselph	Q32348
Hexachlorobutadiene	BRL	µg/L	9.8	3.1	1	8270C	05/09/08 15:19	rselph	Q32348
Hexachlorocyclopentadiene	BRL	µg/L	9.8	2.6	1	8270C	05/09/08 15:19	rselph	Q32348

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/L	9.8	3.5	1	8270C	05/09/08 15:19	rselph	Q32348
Indeno(1,2,3-cd)pyrene	BRL	µg/L	9.8	1.5	1	8270C	05/09/08 15:19	rselph	Q32348
Isophorone	BRL	µg/L	9.8	2.4	1	8270C	05/09/08 15:19	rselph	Q32348
N-Nitrosodi-n-propylamine	BRL	µg/L	9.8	3.0	1	8270C	05/09/08 15:19	rselph	Q32348
N-Nitrosodiphenylamine	BRL	µg/L	9.8	0.73	1	8270C	05/09/08 15:19	rselph	Q32348
Naphthalene	BRL	µg/L	9.8	3.1	1	8270C	05/09/08 15:19	rselph	Q32348
Nitrobenzene	BRL	µg/L	9.8	2.6	1	8270C	05/09/08 15:19	rselph	Q32348
Pentachlorophenol	BRL	µg/L	9.8	1.8	1	8270C	05/09/08 15:19	rselph	Q32348
Benanthrene	BRL	µg/L	9.8	1.0	1	8270C	05/09/08 15:19	rselph	Q32348
Phenol	BRL	µg/L	9.8	0.99	1	8270C	05/09/08 15:19	rselph	Q32348
Pyrene	BRL	µg/L	9.8	1.4	1	8270C	05/09/08 15:19	rselph	Q32348

Sample Preparation:

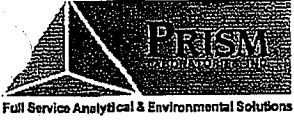
1020 mL / 1 mL 3510C 05/06/08 14:00 smanivanh P21526

Surrogate	% Recovery	Control Limits
Terphenyl-d14	90	41 - 136
Phenol-d5	10 #	10 - 78
Nitrobenzene-d5	60	13 - 107
2-Fluorophenol	14	10 - 75
2-Fluorobiphenyl	71	27 - 107
2,4,6-Tribromophenol	82	38 - 117

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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Water

Client Sample ID: B-5W
 Prism Sample ID: 213214
 COC Group: G0508059
 Time Collected: 04/29/08 17:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	80.4	%			1	SM2540 G	05/05/08 16:00	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	5.8	0.57	1	8260B	05/08/08 4:13	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	5.8	0.61	1	8260B	05/08/08 4:13	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	5.8	0.65	1	8260B	05/08/08 4:13	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	5.8	0.39	1	8260B	05/08/08 4:13	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	5.8	0.61	1	8260B	05/08/08 4:13	lwitry	Q32099
1-Dichloroethene	BRL	µg/kg	5.8	0.76	1	8260B	05/08/08 4:13	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	5.8	0.83	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	12	0.91	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	5.8	0.69	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	12	0.95	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	12	0.83	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	5.8	0.70	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	5.8	0.65	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	12	0.68	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	5.8	0.68	1	8260B	05/08/08 4:13	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	5.8	0.60	1	8260B	05/08/08 4:13	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	12	0.69	1	8260B	05/08/08 4:13	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	12	0.84	1	8260B	05/08/08 4:13	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	5.8	0.70	1	8260B	05/08/08 4:13	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	12	0.72	1	8260B	05/08/08 4:13	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	5.8	0.54	1	8260B	05/08/08 4:13	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	12	0.60	1	8260B	05/08/08 4:13	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	12	0.69	1	8260B	05/08/08 4:13	lwitry	Q32099
2-Hexanone	BRL	µg/kg	58	0.43	1	8260B	05/08/08 4:13	lwitry	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	12	0.85	1	8260B	05/08/08 4:13	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	12	1.2	1	8260B	05/08/08 4:13	Iwity	Q32099
Acetone	51	µg/kg	23	1.8	1	8260B	05/08/08 4:13	Iwity	Q32099
Benzene	BRL	µg/kg	3.5	0.70	1	8260B	05/08/08 4:13	Iwity	Q32099
Bromobenzene	BRL	µg/kg	5.8	0.69	1	8260B	05/08/08 4:13	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	5.8	0.78	1	8260B	05/08/08 4:13	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	5.8	0.61	1	8260B	05/08/08 4:13	Iwity	Q32099
Bromoform	BRL	µg/kg	5.8	0.70	1	8260B	05/08/08 4:13	Iwity	Q32099
Bromomethane	BRL	µg/kg	12	1.7	1	8260B	05/08/08 4:13	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	12	0.87	1	8260B	05/08/08 4:13	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	5.8	0.50	1	8260B	05/08/08 4:13	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	5.8	0.62	1	8260B	05/08/08 4:13	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	5.8	0.67	1	8260B	05/08/08 4:13	Iwity	Q32099
Chloroethane	BRL	µg/kg	12	1.5	1	8260B	05/08/08 4:13	Iwity	Q32099
Chloroform	BRL	µg/kg	5.8	0.58	1	8260B	05/08/08 4:13	Iwity	Q32099
Chloromethane	BRL	µg/kg	12	0.87	1	8260B	05/08/08 4:13	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	5.8	0.94	1	8260B	05/08/08 4:13	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	5.8	0.65	1	8260B	05/08/08 4:13	Iwity	Q32099
Dibromomethane	BRL	µg/kg	5.8	0.74	1	8260B	05/08/08 4:13	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	12	0.96	1	8260B	05/08/08 4:13	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	5.8	0.70	1	8260B	05/08/08 4:13	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	18	0.98	1	8260B	05/08/08 4:13	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	5.8	0.50	1	8260B	05/08/08 4:13	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	12	0.88	1	8260B	05/08/08 4:13	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	12	1.4	1	8260B	05/08/08 4:13	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	23	0.90	1	8260B	05/08/08 4:13	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	5.8	0.58	1	8260B	05/08/08 4:13	Iwity	Q32099

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	12	0.70	1	8260B	05/08/08 4:13	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	18	0.78	1	8260B	05/08/08 4:13	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	12	0.68	1	8260B	05/08/08 4:13	lwitry	Q32099
Naphthalene	BRL	µg/kg	5.8	1.8	1	8260B	05/08/08 4:13	lwitry	Q32099
o-Xylene	BRL	µg/kg	5.8	0.74	1	8260B	05/08/08 4:13	lwitry	Q32099
p-Isopropyltoluene	17	µg/kg	12	0.85	1	8260B	05/08/08 4:13	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	18	0.84	1	8260B	05/08/08 4:13	lwitry	Q32099
Styrene	BRL	µg/kg	5.8	0.65	1	8260B	05/08/08 4:13	lwitry	Q32099
t-Butylbenzene	BRL	µg/kg	23	0.81	1	8260B	05/08/08 4:13	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	12	0.70	1	8260B	05/08/08 4:13	lwitry	Q32099
Toluene	BRL	µg/kg	5.8	0.64	1	8260B	05/08/08 4:13	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	5.8	0.71	1	8260B	05/08/08 4:13	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	5.8	0.95	1	8260B	05/08/08 4:13	lwitry	Q32099
Trichloroethene	BRL	µg/kg	5.8	0.96	1	8260B	05/08/08 4:13	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	5.8	0.84	1	8260B	05/08/08 4:13	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	12	0.83	1	8260B	05/08/08 4:13	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	96	81 - 128
Dibromofluoromethane	102	67 - 143
Bromofluorobenzene	98	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.32	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	6.64	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	8.45	g	1	5035	05/06/08 0:00	lbrown

Volatle Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.2	5.5	1	8260SIM	05/10/08 0:29	erussell	Q32350
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

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

Surrogate	% Recovery	Control Limits
Dibromofluoromethane	103	70 - 130
Bromofluorobenzene	95	70 - 130
1,2-Dichloroethane-d4	107	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	410	45	1	8270C	05/13/08 19:06	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	410	46	1	8270C	05/13/08 19:06	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	410	40	1	8270C	05/13/08 19:06	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	410	49	1	8270C	05/13/08 19:06	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	410	49	1	8270C	05/13/08 19:06	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	410	44	1	8270C	05/13/08 19:06	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	410	27	1	8270C	05/13/08 19:06	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	410	61	1	8270C	05/13/08 19:06	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	410	120	1	8270C	05/13/08 19:06	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	410	54	1	8270C	05/13/08 19:06	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	410	74	1	8270C	05/13/08 19:06	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	410	52	1	8270C	05/13/08 19:06	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	410	17	1	8270C	05/13/08 19:06	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	410	46	1	8270C	05/13/08 19:06	rselph	Q32373
2-Methylphenol	BRL	µg/kg	410	33	1	8270C	05/13/08 19:06	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	410	58	1	8270C	05/13/08 19:06	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	410	48	1	8270C	05/13/08 19:06	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	410	75	1	8270C	05/13/08 19:06	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	410	35	1	8270C	05/13/08 19:06	rselph	Q32373
4-Bromophenyphenylether	BRL	µg/kg	410	51	1	8270C	05/13/08 19:06	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	410	49	1	8270C	05/13/08 19:06	rselph	Q32373

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	410	52	1	8270C	05/13/08 19:06	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	410	53	1	8270C	05/13/08 19:06	rselph	Q32373
Acenaphthene	BRL	µg/kg	410	56	1	8270C	05/13/08 19:06	rselph	Q32373
Acenaphthylene	BRL	µg/kg	410	39	1	8270C	05/13/08 19:06	rselph	Q32373
Anthracene	BRL	µg/kg	410	30	1	8270C	05/13/08 19:06	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	410	46	1	8270C	05/13/08 19:06	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	410	52	1	8270C	05/13/08 19:06	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	410	84	1	8270C	05/13/08 19:06	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	410	53	1	8270C	05/13/08 19:06	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	410	110	1	8270C	05/13/08 19:06	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	410	70	1	8270C	05/13/08 19:06	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	410	51	1	8270C	05/13/08 19:06	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	410	41	1	8270C	05/13/08 19:06	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	410	32	1	8270C	05/13/08 19:06	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	410	51	1	8270C	05/13/08 19:06	rselph	Q32373
Chrysene	BRL	µg/kg	410	28	1	8270C	05/13/08 19:06	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	410	66	1	8270C	05/13/08 19:06	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	410	120	1	8270C	05/13/08 19:06	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	410	38	1	8270C	05/13/08 19:06	rselph	Q32373
Dibenzofuran	BRL	µg/kg	410	50	1	8270C	05/13/08 19:06	rselph	Q32373
Diethylphthalate	BRL	µg/kg	410	110	1	8270C	05/13/08 19:06	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	410	61	1	8270C	05/13/08 19:06	rselph	Q32373
Fluoranthene	BRL	µg/kg	410	73	1	8270C	05/13/08 19:06	rselph	Q32373
Fluorene	BRL	µg/kg	410	59	1	8270C	05/13/08 19:06	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	410	57	1	8270C	05/13/08 19:06	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	410	41	1	8270C	05/13/08 19:06	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	410	61	1	8270C	05/13/08 19:06	rselph	Q32373

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Laboratory Report

05/16/08

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 Attn: Kristen Lloyd
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-1
 Prism Sample ID: 213215
 COC Group: G0508059
 Time Collected: 04/29/08 16:40
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	410	17	1	8270C	05/13/08 19:06	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	410	39	1	8270C	05/13/08 19:06	rselph	Q32373
Isophorone	BRL	µg/kg	410	39	1	8270C	05/13/08 19:06	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	410	24	1	8270C	05/13/08 19:06	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	410	60	1	8270C	05/13/08 19:06	rselph	Q32373
Naphthalene	BRL	µg/kg	410	49	1	8270C	05/13/08 19:06	rselph	Q32373
Nitrobenzene	BRL	µg/kg	410	52	1	8270C	05/13/08 19:06	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	410	63	1	8270C	05/13/08 19:06	rselph	Q32373
Benanthrene	BRL	µg/kg	410	35	1	8270C	05/13/08 19:06	rselph	Q32373
Phenol	BRL	µg/kg	410	73	1	8270C	05/13/08 19:06	rselph	Q32373
Pyrene	BRL	µg/kg	410	79	1	8270C	05/13/08 19:06	rselph	Q32373

Sample Preparation: 29.88 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	109	41 - 136
Phenol-d5	77	13 - 95
Nitrobenzene-d5	49	14 - 103
2-Fluorophenol	51	14 - 89
2-Fluorobiphenyl	55	21 - 108
2,4,6-Tribromophenol	80	25 - 123

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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-6
 Prism Sample ID: 213216
 COC Group: G0508059
 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	54.4	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	9.1	0.89	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	9.1	0.94	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	9.1	1.0	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	9.1	0.60	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	9.1	0.94	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	9.1	1.2	1	8260B	05/08/08 4:57	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	9.1	1.3	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	18	1.4	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	18	1.5	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	9.1	1.0	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	9.1	0.92	1	8260B	05/08/08 4:57	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	9.1	0.83	1	8260B	05/08/08 4:57	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	18	0.92	1	8260B	05/08/08 4:57	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	lwitry	Q32099
2-Hexanone	BRL	µg/kg	91	0.67	1	8260B	05/08/08 4:57	lwitry	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-6
 Prism Sample ID: 213216
 COC Group: G0508059
 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	18	1.9	1	8260B	05/08/08 4:57	Iwity	Q32099
Acetone	BRL	µg/kg	36	2.7	1	8260B	05/08/08 4:57	Iwity	Q32099
Benzene	BRL	µg/kg	5.4	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Bromobenzene	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	9.1	1.2	1	8260B	05/08/08 4:57	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	9.1	0.94	1	8260B	05/08/08 4:57	Iwity	Q32099
Bromoform	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Bromomethane	BRL	µg/kg	18	2.7	1	8260B	05/08/08 4:57	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	9.1	0.78	1	8260B	05/08/08 4:57	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	9.1	0.96	1	8260B	05/08/08 4:57	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	9.1	1.0	1	8260B	05/08/08 4:57	Iwity	Q32099
Chloroethane	BRL	µg/kg	18	2.3	1	8260B	05/08/08 4:57	Iwity	Q32099
Chloroform	BRL	µg/kg	9.1	0.91	1	8260B	05/08/08 4:57	Iwity	Q32099
Chloromethane	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	9.1	1.5	1	8260B	05/08/08 4:57	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	9.1	1.0	1	8260B	05/08/08 4:57	Iwity	Q32099
Dibromomethane	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	18	1.5	1	8260B	05/08/08 4:57	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	27	1.5	1	8260B	05/08/08 4:57	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	9.1	0.78	1	8260B	05/08/08 4:57	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	18	1.4	1	8260B	05/08/08 4:57	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	18	2.2	1	8260B	05/08/08 4:57	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	36	1.4	1	8260B	05/08/08 4:57	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	9.1	0.91	1	8260B	05/08/08 4:57	Iwity	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-6
 Prism Sample ID: 213216
 COC Group: G0508059
 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
n-Butylbenzene	BRL	µg/kg	27	1.2	1	8260B	05/08/08 4:57	Iwity	Q32099
n-Propylbenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Naphthalene	BRL	µg/kg	9.1	2.8	1	8260B	05/08/08 4:57	Iwity	Q32099
o-Xylene	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
p-Isopropyltoluene	BRL	µg/kg	27	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
sec-Butylbenzene	BRL	µg/kg	27	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
Styrene	BRL	µg/kg	9.1	1.0	1	8260B	05/08/08 4:57	Iwity	Q32099
tert-Butylbenzene	BRL	µg/kg	36	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
Tetrachloroethene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
Toluene	BRL	µg/kg	9.1	0.99	1	8260B	05/08/08 4:57	Iwity	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	9.1	1.1	1	8260B	05/08/08 4:57	Iwity	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	9.1	1.5	1	8260B	05/08/08 4:57	Iwity	Q32099
Trichloroethene	BRL	µg/kg	9.1	1.5	1	8260B	05/08/08 4:57	Iwity	Q32099
Trichlorofluoromethane	BRL	µg/kg	9.1	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099
Vinyl chloride	BRL	µg/kg	18	1.3	1	8260B	05/08/08 4:57	Iwity	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	97	81 - 128
Dibromofluoromethane	103	67 - 143
Bromofluorobenzene	102	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.07	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	4.70	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	4.83	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	9.2	8.1	1	8260SIM	05/10/08 1:01	erussell	Q32350
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	101	70 - 130
Bromofluorobenzene	99	70 - 130
1,2-Dichloroethane-d4	105	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	610	67	1	8270C	05/13/08 14:15	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	610	67	1	8270C	05/13/08 14:15	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	610	59	1	8270C	05/13/08 14:15	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	610	73	1	8270C	05/13/08 14:15	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	610	72	1	8270C	05/13/08 14:15	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	610	66	1	8270C	05/13/08 14:15	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	610	40	1	8270C	05/13/08 14:15	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	610	91	1	8270C	05/13/08 14:15	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	610	180	1	8270C	05/13/08 14:15	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	610	80	1	8270C	05/13/08 14:15	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	610	110	1	8270C	05/13/08 14:15	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	610	76	1	8270C	05/13/08 14:15	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	610	25	1	8270C	05/13/08 14:15	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	610	68	1	8270C	05/13/08 14:15	rselph	Q32373
2-Methylphenol	BRL	µg/kg	610	49	1	8270C	05/13/08 14:15	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	610	86	1	8270C	05/13/08 14:15	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	610	71	1	8270C	05/13/08 14:15	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	610	110	1	8270C	05/13/08 14:15	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	610	52	1	8270C	05/13/08 14:15	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	610	76	1	8270C	05/13/08 14:15	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	610	72	1	8270C	05/13/08 14:15	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-6
 Prism Sample ID: 213216
 COC Group: G0508059
 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	610	77	1	8270C	05/13/08 14:15	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	610	78	1	8270C	05/13/08 14:15	rselph	Q32373
Acenaphthene	BRL	µg/kg	610	83	1	8270C	05/13/08 14:15	rselph	Q32373
Acenaphthylene	BRL	µg/kg	610	57	1	8270C	05/13/08 14:15	rselph	Q32373
Anthracene	BRL	µg/kg	610	44	1	8270C	05/13/08 14:15	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	610	69	1	8270C	05/13/08 14:15	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	610	77	1	8270C	05/13/08 14:15	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	610	120	1	8270C	05/13/08 14:15	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	610	78	1	8270C	05/13/08 14:15	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	610	160	1	8270C	05/13/08 14:15	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	610	100	1	8270C	05/13/08 14:15	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	610	76	1	8270C	05/13/08 14:15	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	610	61	1	8270C	05/13/08 14:15	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	610	47	1	8270C	05/13/08 14:15	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	610	75	1	8270C	05/13/08 14:15	rselph	Q32373
Chrysene	BRL	µg/kg	610	41	1	8270C	05/13/08 14:15	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	610	98	1	8270C	05/13/08 14:15	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	610	180	1	8270C	05/13/08 14:15	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	610	57	1	8270C	05/13/08 14:15	rselph	Q32373
Dibenzofuran	BRL	µg/kg	610	74	1	8270C	05/13/08 14:15	rselph	Q32373
Diethylphthalate	BRL	µg/kg	610	160	1	8270C	05/13/08 14:15	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	610	90	1	8270C	05/13/08 14:15	rselph	Q32373
Fluoranthene	BRL	µg/kg	610	110	1	8270C	05/13/08 14:15	rselph	Q32373
Fluorene	BRL	µg/kg	610	87	1	8270C	05/13/08 14:15	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	610	84	1	8270C	05/13/08 14:15	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	610	61	1	8270C	05/13/08 14:15	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	610	91	1	8270C	05/13/08 14:15	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-6
 Prism Sample ID: 213216
 COC Group: G0508059
 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	610	25	1	8270C	05/13/08 14:15	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	610	58	1	8270C	05/13/08 14:15	rselph	Q32373
Isophorone	BRL	µg/kg	610	58	1	8270C	05/13/08 14:15	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	610	35	1	8270C	05/13/08 14:15	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	610	88	1	8270C	05/13/08 14:15	rselph	Q32373
Naphthalene	BRL	µg/kg	610	73	1	8270C	05/13/08 14:15	rselph	Q32373
Nitrobenzene	BRL	µg/kg	610	76	1	8270C	05/13/08 14:15	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	610	93	1	8270C	05/13/08 14:15	rselph	Q32373
Benanthrene	BRL	µg/kg	610	52	1	8270C	05/13/08 14:15	rselph	Q32373
Phenol	BRL	µg/kg	610	110	1	8270C	05/13/08 14:15	rselph	Q32373
Pyrene	BRL	µg/kg	610	120	1	8270C	05/13/08 14:15	rselph	Q32373

Sample Preparation: 29.87 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	93	41 - 136
Phenol-d5	62	13 - 95
Nitrobenzene-d5	58	14 - 103
2-Fluorophenol	67	14 - 89
2-Fluorobiphenyl	70	21 - 108
2,4,6-Tribromophenol	73	25 - 123

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Client Sample ID: B-6
 Prism Sample ID: 213216
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 Time Collected: 04/30/08 10:15
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-7
 Prism Sample ID: 213217
 COC Group: G0508059
 Time Collected: 04/30/08 10:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	60.0	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	8.9	0.87	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	8.9	0.93	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	8.9	0.99	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	8.9	0.59	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	8.9	0.93	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	8.9	1.2	1	8260B	05/08/08 5:41	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	8.9	1.3	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	18	1.4	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	18	1.4	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	8.9	0.99	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	18	1.0	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	8.9	1.0	1	8260B	05/08/08 5:41	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	8.9	0.91	1	8260B	05/08/08 5:41	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	8.9	0.82	1	8260B	05/08/08 5:41	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	18	0.91	1	8260B	05/08/08 5:41	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 5:41	lwitry	Q32099
2-Hexanone	BRL	µg/kg	89	0.66	1	8260B	05/08/08 5:41	lwitry	Q32099

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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-7
 Prism Sample ID: 213217
 COC Group: G0508059
 Time Collected: 04/30/08 10:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	18	1.9	1	8260B	05/08/08 5:41	Iwity	Q32099
Acetone	BRL	µg/kg	36	2.7	1	8260B	05/08/08 5:41	Iwity	Q32099
Benzene	BRL	µg/kg	5.4	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Bromobenzene	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	8.9	1.2	1	8260B	05/08/08 5:41	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	8.9	0.93	1	8260B	05/08/08 5:41	Iwity	Q32099
Bromoform	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Bromomethane	BRL	µg/kg	18	2.7	1	8260B	05/08/08 5:41	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	8.9	0.77	1	8260B	05/08/08 5:41	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	8.9	0.95	1	8260B	05/08/08 5:41	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	8.9	1.0	1	8260B	05/08/08 5:41	Iwity	Q32099
Chloroethane	BRL	µg/kg	18	2.3	1	8260B	05/08/08 5:41	Iwity	Q32099
Chloroform	BRL	µg/kg	8.9	0.89	1	8260B	05/08/08 5:41	Iwity	Q32099
Chloromethane	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	8.9	1.4	1	8260B	05/08/08 5:41	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	8.9	0.99	1	8260B	05/08/08 5:41	Iwity	Q32099
Dibromomethane	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	18	1.5	1	8260B	05/08/08 5:41	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	27	1.5	1	8260B	05/08/08 5:41	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	8.9	0.77	1	8260B	05/08/08 5:41	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	18	2.2	1	8260B	05/08/08 5:41	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	36	1.4	1	8260B	05/08/08 5:41	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	8.9	0.89	1	8260B	05/08/08 5:41	Iwity	Q32099

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Laboratory Report

05/16/08

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-7
 Prism Sample ID: 213217
 COC Group: G0508059
 Time Collected: 04/30/08 10:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	18	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
n-Butylbenzene	BRL	µg/kg	27	1.2	1	8260B	05/08/08 5:41	Iwity	Q32099
n-Propylbenzene	BRL	µg/kg	18	1.0	1	8260B	05/08/08 5:41	Iwity	Q32099
Naphthalene	BRL	µg/kg	8.9	2.7	1	8260B	05/08/08 5:41	Iwity	Q32099
o-Xylene	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
p-Isopropyltoluene	BRL	µg/kg	27	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
sec-Butylbenzene	BRL	µg/kg	27	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
Styrene	BRL	µg/kg	8.9	0.99	1	8260B	05/08/08 5:41	Iwity	Q32099
t-Butylbenzene	BRL	µg/kg	36	1.2	1	8260B	05/08/08 5:41	Iwity	Q32099
Tetrachloroethene	BRL	µg/kg	18	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
Toluene	BRL	µg/kg	8.9	0.98	1	8260B	05/08/08 5:41	Iwity	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	8.9	1.1	1	8260B	05/08/08 5:41	Iwity	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	8.9	1.4	1	8260B	05/08/08 5:41	Iwity	Q32099
Trichloroethene	BRL	µg/kg	8.9	1.5	1	8260B	05/08/08 5:41	Iwity	Q32099
Trichlorofluoromethane	BRL	µg/kg	8.9	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099
Vinyl chloride	BRL	µg/kg	18	1.3	1	8260B	05/08/08 5:41	Iwity	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	98	81 - 128
Dibromofluoromethane	102	67 - 143
Bromofluorobenzene	103	77 - 128

Sample Weight Determination

Weight Bisulfate 1	4.67	g	1	5035	05/06/08 0:00	Ibrow
Weight Bisulfate 2	4.93	g	1	5035	05/06/08 0:00	Ibrow
Weight Methanol	5.46	g	1	5035	05/06/08 0:00	Ibrow

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	8.3	7.3	1	8260SIM	05/10/08 1:32	erussell	Q32350
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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	100	70 - 130
1,2-Dichloroethane-d4	106	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	550	61	1	8270C	05/13/08 14:47	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	550	61	1	8270C	05/13/08 14:47	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	550	53	1	8270C	05/13/08 14:47	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	550	66	1	8270C	05/13/08 14:47	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	550	65	1	8270C	05/13/08 14:47	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	550	59	1	8270C	05/13/08 14:47	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	550	36	1	8270C	05/13/08 14:47	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	550	82	1	8270C	05/13/08 14:47	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	550	160	1	8270C	05/13/08 14:47	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	550	72	1	8270C	05/13/08 14:47	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	550	99	1	8270C	05/13/08 14:47	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	550	69	1	8270C	05/13/08 14:47	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	550	23	1	8270C	05/13/08 14:47	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	550	62	1	8270C	05/13/08 14:47	rselph	Q32373
2-Methylphenol	BRL	µg/kg	550	44	1	8270C	05/13/08 14:47	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	550	77	1	8270C	05/13/08 14:47	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	550	64	1	8270C	05/13/08 14:47	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	550	100	1	8270C	05/13/08 14:47	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	550	47	1	8270C	05/13/08 14:47	rselph	Q32373
Bromophenylphenylether	BRL	µg/kg	550	69	1	8270C	05/13/08 14:47	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	550	65	1	8270C	05/13/08 14:47	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-7
 Prism Sample ID: 213217
 COC Group: G0508059
 Time Collected: 04/30/08 10:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	550	69	1	8270C	05/13/08 14:47	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	550	70	1	8270C	05/13/08 14:47	rselph	Q32373
Acenaphthene	BRL	µg/kg	550	75	1	8270C	05/13/08 14:47	rselph	Q32373
Acenaphthylene	BRL	µg/kg	550	52	1	8270C	05/13/08 14:47	rselph	Q32373
Anthracene	BRL	µg/kg	550	40	1	8270C	05/13/08 14:47	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	550	62	1	8270C	05/13/08 14:47	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	550	70	1	8270C	05/13/08 14:47	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	550	110	1	8270C	05/13/08 14:47	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	550	70	1	8270C	05/13/08 14:47	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	550	150	1	8270C	05/13/08 14:47	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	550	93	1	8270C	05/13/08 14:47	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	550	68	1	8270C	05/13/08 14:47	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	550	55	1	8270C	05/13/08 14:47	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	550	43	1	8270C	05/13/08 14:47	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	550	68	1	8270C	05/13/08 14:47	rselph	Q32373
Chrysene	BRL	µg/kg	550	37	1	8270C	05/13/08 14:47	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	550	88	1	8270C	05/13/08 14:47	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	550	160	1	8270C	05/13/08 14:47	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	550	51	1	8270C	05/13/08 14:47	rselph	Q32373
Dibenzofuran	BRL	µg/kg	550	67	1	8270C	05/13/08 14:47	rselph	Q32373
Diethylphthalate	BRL	µg/kg	550	140	1	8270C	05/13/08 14:47	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	550	82	1	8270C	05/13/08 14:47	rselph	Q32373
Fluoranthene	BRL	µg/kg	550	97	1	8270C	05/13/08 14:47	rselph	Q32373
Fluorene	BRL	µg/kg	550	78	1	8270C	05/13/08 14:47	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	550	76	1	8270C	05/13/08 14:47	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	550	55	1	8270C	05/13/08 14:47	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	550	82	1	8270C	05/13/08 14:47	rselph	Q32373

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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-7
 Prism Sample ID: 213217
 COC Group: G0508059
 Time Collected: 04/30/08 10:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	550	23	1	8270C	05/13/08 14:47	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	550	52	1	8270C	05/13/08 14:47	rselph	Q32373
Isophorone	BRL	µg/kg	550	53	1	8270C	05/13/08 14:47	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	550	32	1	8270C	05/13/08 14:47	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	550	80	1	8270C	05/13/08 14:47	rselph	Q32373
Naphthalene	BRL	µg/kg	550	66	1	8270C	05/13/08 14:47	rselph	Q32373
Nitrobenzene	BRL	µg/kg	550	69	1	8270C	05/13/08 14:47	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	550	84	1	8270C	05/13/08 14:47	rselph	Q32373
Benanthrene	BRL	µg/kg	550	47	1	8270C	05/13/08 14:47	rselph	Q32373
Phenol	BRL	µg/kg	550	97	1	8270C	05/13/08 14:47	rselph	Q32373
Pyrene	BRL	µg/kg	550	110	1	8270C	05/13/08 14:47	rselph	Q32373

Sample Preparation: 30 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	111	41 - 136
Phenol-d5	66	13 - 95
Nitrobenzene-d5	76	14 - 103
2-Fluorophenol	69	14 - 89
2-Fluorobiphenyl	84	21 - 108
2,4,6-Tribromophenol	102	25 - 123

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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-8
 Prism Sample ID: 213218
 COC Group: G0508059
 Time Collected: 04/30/08 11:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	59.7	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatle Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	7.7	0.76	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	7.7	0.87	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	7.7	0.51	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	7.7	1.0	1	8260B	05/08/08 6:24	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	7.7	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	7.7	0.91	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	15	1.3	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	7.7	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	7.7	0.87	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	15	0.90	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	7.7	0.90	1	8260B	05/08/08 6:24	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	7.7	0.79	1	8260B	05/08/08 6:24	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	15	0.91	1	8260B	05/08/08 6:24	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	7.7	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	15	0.96	1	8260B	05/08/08 6:24	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	7.7	0.71	1	8260B	05/08/08 6:24	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	15	0.79	1	8260B	05/08/08 6:24	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	15	0.91	1	8260B	05/08/08 6:24	lwitry	Q32099
2-Hexanone	BRL	µg/kg	77	0.57	1	8260B	05/08/08 6:24	lwitry	Q32099

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Laboratory Report

05/16/08

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 c/o MACTEC Eng. & Consulting, Inc
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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-8
 Prism Sample ID: 213218
 COC Group: G0508059
 Time Collected: 04/30/08 11:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	15	1.6	1	8260B	05/08/08 6:24	lwitry	Q32099
Acetone	BRL	µg/kg	31	2.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Benzene	BRL	µg/kg	4.6	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
Bromobenzene	BRL	µg/kg	7.7	0.91	1	8260B	05/08/08 6:24	lwitry	Q32099
Bromochloromethane	BRL	µg/kg	7.7	1.0	1	8260B	05/08/08 6:24	lwitry	Q32099
Bromodichloromethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 6:24	lwitry	Q32099
Bromoform	BRL	µg/kg	7.7	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
Bromomethane	BRL	µg/kg	15	2.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Carbon disulfide	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
Carbon tetrachloride	BRL	µg/kg	7.7	0.66	1	8260B	05/08/08 6:24	lwitry	Q32099
Chlorobenzene	BRL	µg/kg	7.7	0.82	1	8260B	05/08/08 6:24	lwitry	Q32099
Chlorodibromomethane	BRL	µg/kg	7.7	0.88	1	8260B	05/08/08 6:24	lwitry	Q32099
Chloroethane	BRL	µg/kg	15	2.0	1	8260B	05/08/08 6:24	lwitry	Q32099
Chloroform	BRL	µg/kg	7.7	0.77	1	8260B	05/08/08 6:24	lwitry	Q32099
Chloromethane	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	7.7	1.2	1	8260B	05/08/08 6:24	lwitry	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	7.7	0.87	1	8260B	05/08/08 6:24	lwitry	Q32099
Dibromomethane	BRL	µg/kg	7.7	0.97	1	8260B	05/08/08 6:24	lwitry	Q32099
Dichlorodifluoromethane	BRL	µg/kg	15	1.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Ethylbenzene	BRL	µg/kg	7.7	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
Hexachlorobutadiene	BRL	µg/kg	23	1.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	7.7	0.66	1	8260B	05/08/08 6:24	lwitry	Q32099
Isopropylbenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 6:24	lwitry	Q32099
m,p-Xylenes	BRL	µg/kg	15	1.9	1	8260B	05/08/08 6:24	lwitry	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	31	1.2	1	8260B	05/08/08 6:24	lwitry	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	7.7	0.77	1	8260B	05/08/08 6:24	lwitry	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-8
 Prism Sample ID: 213218
 COC Group: G0508059
 Time Collected: 04/30/08 11:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	15	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	23	1.0	1	8260B	05/08/08 6:24	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	15	0.90	1	8260B	05/08/08 6:24	lwitry	Q32099
Naphthalene	BRL	µg/kg	7.7	2.4	1	8260B	05/08/08 6:24	lwitry	Q32099
o-Xylene	BRL	µg/kg	7.7	0.97	1	8260B	05/08/08 6:24	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	23	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	23	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
Styrene	BRL	µg/kg	7.7	0.87	1	8260B	05/08/08 6:24	lwitry	Q32099
rt-Butylbenzene	BRL	µg/kg	31	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	15	0.93	1	8260B	05/08/08 6:24	lwitry	Q32099
Toluene	BRL	µg/kg	7.7	0.85	1	8260B	05/08/08 6:24	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	7.7	0.94	1	8260B	05/08/08 6:24	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	7.7	1.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Trichloroethene	BRL	µg/kg	7.7	1.3	1	8260B	05/08/08 6:24	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	7.7	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	15	1.1	1	8260B	05/08/08 6:24	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	100	81 - 128
Dibromofluoromethane	103	67 - 143
Bromofluorobenzene	103	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.42	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	4.89	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	3.17	g	1	5035	05/06/08 0:00	lbrown

Volatle Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	8.4	7.4	1	8260SIM	05/10/08 2:04	erussell	Q32350
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 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	99	70 - 130
1,2-Dichloroethane-d4	107	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	560	62	1	8270C	05/13/08 15:19	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	560	62	1	8270C	05/13/08 15:19	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	560	54	1	8270C	05/13/08 15:19	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	560	67	1	8270C	05/13/08 15:19	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	560	66	1	8270C	05/13/08 15:19	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	560	60	1	8270C	05/13/08 15:19	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	560	37	1	8270C	05/13/08 15:19	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	560	83	1	8270C	05/13/08 15:19	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	560	160	1	8270C	05/13/08 15:19	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	560	74	1	8270C	05/13/08 15:19	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	560	100	1	8270C	05/13/08 15:19	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	560	70	1	8270C	05/13/08 15:19	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	560	23	1	8270C	05/13/08 15:19	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	560	63	1	8270C	05/13/08 15:19	rselph	Q32373
2-Methylphenol	BRL	µg/kg	560	45	1	8270C	05/13/08 15:19	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	560	79	1	8270C	05/13/08 15:19	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	560	66	1	8270C	05/13/08 15:19	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	560	100	1	8270C	05/13/08 15:19	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	560	48	1	8270C	05/13/08 15:19	rselph	Q32373
1-Bromophenylphenylether	BRL	µg/kg	560	70	1	8270C	05/13/08 15:19	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	560	66	1	8270C	05/13/08 15:19	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-8
 Prism Sample ID: 213218
 COC Group: G0508059
 Time Collected: 04/30/08 11:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	560	71	1	8270C	05/13/08 15:19	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	560	72	1	8270C	05/13/08 15:19	rselph	Q32373
Acenaphthene	BRL	µg/kg	560	76	1	8270C	05/13/08 15:19	rselph	Q32373
Acenaphthylene	BRL	µg/kg	560	53	1	8270C	05/13/08 15:19	rselph	Q32373
Anthracene	BRL	µg/kg	560	41	1	8270C	05/13/08 15:19	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	560	63	1	8270C	05/13/08 15:19	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	560	71	1	8270C	05/13/08 15:19	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	560	110	1	8270C	05/13/08 15:19	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	560	72	1	8270C	05/13/08 15:19	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	560	150	1	8270C	05/13/08 15:19	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	560	95	1	8270C	05/13/08 15:19	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	560	69	1	8270C	05/13/08 15:19	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	560	56	1	8270C	05/13/08 15:19	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	560	43	1	8270C	05/13/08 15:19	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	560	69	1	8270C	05/13/08 15:19	rselph	Q32373
Chrysene	BRL	µg/kg	560	38	1	8270C	05/13/08 15:19	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	560	90	1	8270C	05/13/08 15:19	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	560	160	1	8270C	05/13/08 15:19	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	560	52	1	8270C	05/13/08 15:19	rselph	Q32373
Dibenzofuran	BRL	µg/kg	560	68	1	8270C	05/13/08 15:19	rselph	Q32373
Diethylphthalate	BRL	µg/kg	560	140	1	8270C	05/13/08 15:19	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	560	83	1	8270C	05/13/08 15:19	rselph	Q32373
Fluoranthene	BRL	µg/kg	560	99	1	8270C	05/13/08 15:19	rselph	Q32373
Fluorene	BRL	µg/kg	560	80	1	8270C	05/13/08 15:19	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	560	77	1	8270C	05/13/08 15:19	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	560	56	1	8270C	05/13/08 15:19	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	560	83	1	8270C	05/13/08 15:19	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-8
 Prism Sample ID: 213218
 COC Group: G0508059
 Time Collected: 04/30/08 11:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	560	23	1	8270C	05/13/08 15:19	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	560	53	1	8270C	05/13/08 15:19	rselph	Q32373
Isophorone	BRL	µg/kg	560	54	1	8270C	05/13/08 15:19	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	560	33	1	8270C	05/13/08 15:19	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	560	81	1	8270C	05/13/08 15:19	rselph	Q32373
Naphthalene	BRL	µg/kg	560	67	1	8270C	05/13/08 15:19	rselph	Q32373
Nitrobenzene	BRL	µg/kg	560	70	1	8270C	05/13/08 15:19	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	560	86	1	8270C	05/13/08 15:19	rselph	Q32373
Benanthrene	BRL	µg/kg	560	48	1	8270C	05/13/08 15:19	rselph	Q32373
Phenol	BRL	µg/kg	560	99	1	8270C	05/13/08 15:19	rselph	Q32373
Pyrene	BRL	µg/kg	560	110	1	8270C	05/13/08 15:19	rselph	Q32373

Sample Preparation: 29.58 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	84	41 - 136
Phenol-d5	64	13 - 95
Nitrobenzene-d5	58	14 - 103
2-Fluorophenol	67	14 - 89
2-Fluorobiphenyl	77	21 - 108
2,4,6-Tribromophenol	78	25 - 123

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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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05/16/08

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 Attn: Kristen Loyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-9
 Prism Sample ID: 213219
 COC Group: G0508059
 Time Collected: 04/30/08 13:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	66.7	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	8.2	0.81	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	8.2	0.85	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	8.2	0.92	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	8.2	0.54	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	8.2	0.85	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	8.2	1.1	1	8260B	05/08/08 7:08	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	8.2	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	16	1.3	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	8.2	0.97	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	16	1.3	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	8.2	0.99	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	8.2	0.92	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	16	0.95	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	8.2	0.95	1	8260B	05/08/08 7:08	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	8.2	0.84	1	8260B	05/08/08 7:08	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	16	0.97	1	8260B	05/08/08 7:08	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	8.2	0.99	1	8260B	05/08/08 7:08	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	16	1.0	1	8260B	05/08/08 7:08	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	8.2	0.76	1	8260B	05/08/08 7:08	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	16	0.84	1	8260B	05/08/08 7:08	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	16	0.97	1	8260B	05/08/08 7:08	lwitry	Q32099
2-Hexanone	BRL	µg/kg	82	0.61	1	8260B	05/08/08 7:08	lwitry	Q32099

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 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-9
 Prism Sample ID: 213219
 COC Group: G0508059
 Time Collected: 04/30/08 13:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	16	1.7	1	8260B	05/08/08 7:08	Iwity	Q32099
Acetone	BRL	µg/kg	33	2.5	1	8260B	05/08/08 7:08	Iwity	Q32099
Benzene	BRL	µg/kg	4.9	0.99	1	8260B	05/08/08 7:08	Iwity	Q32099
Bromobenzene	BRL	µg/kg	8.2	0.97	1	8260B	05/08/08 7:08	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	8.2	1.1	1	8260B	05/08/08 7:08	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	8.2	0.85	1	8260B	05/08/08 7:08	Iwity	Q32099
Bromoform	BRL	µg/kg	8.2	0.99	1	8260B	05/08/08 7:08	Iwity	Q32099
Bromomethane	BRL	µg/kg	16	2.4	1	8260B	05/08/08 7:08	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	8.2	0.71	1	8260B	05/08/08 7:08	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	8.2	0.87	1	8260B	05/08/08 7:08	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	8.2	0.94	1	8260B	05/08/08 7:08	Iwity	Q32099
Chloroethane	BRL	µg/kg	16	2.1	1	8260B	05/08/08 7:08	Iwity	Q32099
Chloroform	BRL	µg/kg	8.2	0.82	1	8260B	05/08/08 7:08	Iwity	Q32099
Chloromethane	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	8.2	1.3	1	8260B	05/08/08 7:08	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	8.2	0.92	1	8260B	05/08/08 7:08	Iwity	Q32099
Dibromomethane	BRL	µg/kg	8.2	1.0	1	8260B	05/08/08 7:08	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	16	1.3	1	8260B	05/08/08 7:08	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	8.2	0.99	1	8260B	05/08/08 7:08	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	25	1.4	1	8260B	05/08/08 7:08	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	8.2	0.71	1	8260B	05/08/08 7:08	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	16	2.0	1	8260B	05/08/08 7:08	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	33	1.3	1	8260B	05/08/08 7:08	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	8.2	0.82	1	8260B	05/08/08 7:08	Iwity	Q32099

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05/16/08

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-9
 Prism Sample ID: 213219
 COC Group: G0508059
 Time Collected: 04/30/08 13:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	16	0.99	1	8260B	05/08/08 7:08	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	25	1.1	1	8260B	05/08/08 7:08	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	16	0.95	1	8260B	05/08/08 7:08	lwitry	Q32099
Naphthalene	BRL	µg/kg	8.2	2.5	1	8260B	05/08/08 7:08	lwitry	Q32099
o-Xylene	BRL	µg/kg	8.2	1.0	1	8260B	05/08/08 7:08	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	25	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	25	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
Styrene	BRL	µg/kg	8.2	0.92	1	8260B	05/08/08 7:08	lwitry	Q32099
t-Butylbenzene	BRL	µg/kg	33	1.1	1	8260B	05/08/08 7:08	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	16	0.99	1	8260B	05/08/08 7:08	lwitry	Q32099
Toluene	BRL	µg/kg	8.2	0.90	1	8260B	05/08/08 7:08	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	8.2	1.0	1	8260B	05/08/08 7:08	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	8.2	1.3	1	8260B	05/08/08 7:08	lwitry	Q32099
Trichloroethene	BRL	µg/kg	8.2	1.3	1	8260B	05/08/08 7:08	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	8.2	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	16	1.2	1	8260B	05/08/08 7:08	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	99	81 - 128
Dibromofluoromethane	106	67 - 143
Bromofluorobenzene	106	77 - 128

Sample Weight Determination

Weight Bisulfate 1	4.56	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.34	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	5.34	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	7.5	6.6	1	8260SIM	05/10/08 2:35	erussell	Q32350
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 Prism Sample ID: 213219
 COC Group: G0508059
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 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	103	70 - 130
Bromofluorobenzene	99	70 - 130
1,2-Dichloroethane-d4	108	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	500	55	1	8270C	05/13/08 15:52	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	500	55	1	8270C	05/13/08 15:52	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	500	48	1	8270C	05/13/08 15:52	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	500	59	1	8270C	05/13/08 15:52	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	500	59	1	8270C	05/13/08 15:52	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	500	54	1	8270C	05/13/08 15:52	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	500	33	1	8270C	05/13/08 15:52	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	500	74	1	8270C	05/13/08 15:52	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	500	140	1	8270C	05/13/08 15:52	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	500	65	1	8270C	05/13/08 15:52	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	500	90	1	8270C	05/13/08 15:52	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	500	62	1	8270C	05/13/08 15:52	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	500	21	1	8270C	05/13/08 15:52	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	500	56	1	8270C	05/13/08 15:52	rselph	Q32373
2-Methylphenol	BRL	µg/kg	500	40	1	8270C	05/13/08 15:52	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	500	70	1	8270C	05/13/08 15:52	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	500	58	1	8270C	05/13/08 15:52	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	500	90	1	8270C	05/13/08 15:52	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	500	43	1	8270C	05/13/08 15:52	rselph	Q32373
Bromophenylphenylether	BRL	µg/kg	500	62	1	8270C	05/13/08 15:52	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	500	59	1	8270C	05/13/08 15:52	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-9
 Prism Sample ID: 213219
 COC Group: G0508059
 Time Collected: 04/30/08 13:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	500	63	1	8270C	05/13/08 15:52	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	500	63	1	8270C	05/13/08 15:52	rselph	Q32373
Acenaphthene	BRL	µg/kg	500	68	1	8270C	05/13/08 15:52	rselph	Q32373
Acenaphthylene	BRL	µg/kg	500	47	1	8270C	05/13/08 15:52	rselph	Q32373
Anthracene	BRL	µg/kg	500	36	1	8270C	05/13/08 15:52	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	500	56	1	8270C	05/13/08 15:52	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	500	63	1	8270C	05/13/08 15:52	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	500	100	1	8270C	05/13/08 15:52	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	500	63	1	8270C	05/13/08 15:52	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	500	130	1	8270C	05/13/08 15:52	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	500	84	1	8270C	05/13/08 15:52	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	500	62	1	8270C	05/13/08 15:52	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	500	50	1	8270C	05/13/08 15:52	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	500	38	1	8270C	05/13/08 15:52	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	500	61	1	8270C	05/13/08 15:52	rselph	Q32373
Chrysene	BRL	µg/kg	500	33	1	8270C	05/13/08 15:52	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	500	80	1	8270C	05/13/08 15:52	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	500	140	1	8270C	05/13/08 15:52	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	500	46	1	8270C	05/13/08 15:52	rselph	Q32373
Dibenzofuran	BRL	µg/kg	500	61	1	8270C	05/13/08 15:52	rselph	Q32373
Diethylphthalate	BRL	µg/kg	500	130	1	8270C	05/13/08 15:52	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	500	74	1	8270C	05/13/08 15:52	rselph	Q32373
Fluoranthene	BRL	µg/kg	500	88	1	8270C	05/13/08 15:52	rselph	Q32373
Fluorene	BRL	µg/kg	500	71	1	8270C	05/13/08 15:52	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	500	68	1	8270C	05/13/08 15:52	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	500	49	1	8270C	05/13/08 15:52	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	500	74	1	8270C	05/13/08 15:52	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-9
 Prism Sample ID: 213219
 COC Group: G0508059
 Time Collected: 04/30/08 13:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	500	20	1	8270C	05/13/08 15:52	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	500	47	1	8270C	05/13/08 15:52	rselph	Q32373
Isophorone	BRL	µg/kg	500	47	1	8270C	05/13/08 15:52	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	500	29	1	8270C	05/13/08 15:52	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	500	72	1	8270C	05/13/08 15:52	rselph	Q32373
Naphthalene	BRL	µg/kg	500	59	1	8270C	05/13/08 15:52	rselph	Q32373
Nitrobenzene	BRL	µg/kg	500	62	1	8270C	05/13/08 15:52	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	500	76	1	8270C	05/13/08 15:52	rselph	Q32373
Benanthrene	BRL	µg/kg	500	42	1	8270C	05/13/08 15:52	rselph	Q32373
Phenol	BRL	µg/kg	500	88	1	8270C	05/13/08 15:52	rselph	Q32373
Pyrene	BRL	µg/kg	500	95	1	8270C	05/13/08 15:52	rselph	Q32373

Sample Preparation: 29.84 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	79	41 - 136
Phenol-d5	47	13 - 95
Nitrobenzene-d5	46	14 - 103
2-Fluorophenol	44	14 - 89
2-Fluorobiphenyl	61	21 - 108
2,4,6-Tribromophenol	74	25 - 123

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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-10
 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	63.6	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	7.7	0.75	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1,2,2-Tetrachloroethane	BRL	µg/kg	7.7	0.86	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	7.7	0.51	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	7.7	1.0	1	8260B	05/08/08 8:03	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	7.7	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	7.7	0.91	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	7.7	0.92	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	7.7	0.86	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	15	0.89	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	7.7	0.89	1	8260B	05/08/08 8:03	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	7.7	0.78	1	8260B	05/08/08 8:03	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	15	0.91	1	8260B	05/08/08 8:03	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	7.7	0.92	1	8260B	05/08/08 8:03	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	15	0.95	1	8260B	05/08/08 8:03	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	7.7	0.71	1	8260B	05/08/08 8:03	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	15	0.78	1	8260B	05/08/08 8:03	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	15	0.91	1	8260B	05/08/08 8:03	lwitry	Q32099
2-Hexanone	BRL	µg/kg	77	0.57	1	8260B	05/08/08 8:03	lwitry	Q32099

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-10
 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	Iwity	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	15	1.6	1	8260B	05/08/08 8:03	Iwity	Q32099
Acetone	55	µg/kg	31	2.3	1	8260B	05/08/08 8:03	Iwity	Q32099
Benzene	BRL	µg/kg	4.6	0.92	1	8260B	05/08/08 8:03	Iwity	Q32099
Bromobenzene	BRL	µg/kg	7.7	0.91	1	8260B	05/08/08 8:03	Iwity	Q32099
Bromochloromethane	BRL	µg/kg	7.7	1.0	1	8260B	05/08/08 8:03	Iwity	Q32099
Bromodichloromethane	BRL	µg/kg	7.7	0.80	1	8260B	05/08/08 8:03	Iwity	Q32099
Bromoforn	BRL	µg/kg	7.7	0.92	1	8260B	05/08/08 8:03	Iwity	Q32099
Bromomethane	BRL	µg/kg	15	2.3	1	8260B	05/08/08 8:03	Iwity	Q32099
Carbon disulfide	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	Iwity	Q32099
Carbon tetrachloride	BRL	µg/kg	7.7	0.66	1	8260B	05/08/08 8:03	Iwity	Q32099
Chlorobenzene	BRL	µg/kg	7.7	0.82	1	8260B	05/08/08 8:03	Iwity	Q32099
Chlorodibromomethane	BRL	µg/kg	7.7	0.88	1	8260B	05/08/08 8:03	Iwity	Q32099
Chloroethane	BRL	µg/kg	15	2.0	1	8260B	05/08/08 8:03	Iwity	Q32099
Chloroform	BRL	µg/kg	7.7	0.77	1	8260B	05/08/08 8:03	Iwity	Q32099
Chloromethane	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	Iwity	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	7.7	1.2	1	8260B	05/08/08 8:03	Iwity	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	7.7	0.86	1	8260B	05/08/08 8:03	Iwity	Q32099
Dibromomethane	BRL	µg/kg	7.7	0.97	1	8260B	05/08/08 8:03	Iwity	Q32099
Dichlorodifluoromethane	BRL	µg/kg	15	1.3	1	8260B	05/08/08 8:03	Iwity	Q32099
Ethylbenzene	BRL	µg/kg	7.7	0.92	1	8260B	05/08/08 8:03	Iwity	Q32099
Hexachlorobutadiene	BRL	µg/kg	23	1.3	1	8260B	05/08/08 8:03	Iwity	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	7.7	0.66	1	8260B	05/08/08 8:03	Iwity	Q32099
Isopropylbenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 8:03	Iwity	Q32099
m,p-Xylenes	BRL	µg/kg	15	1.9	1	8260B	05/08/08 8:03	Iwity	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	31	1.2	1	8260B	05/08/08 8:03	Iwity	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	7.7	0.77	1	8260B	05/08/08 8:03	Iwity	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-10
 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	15	0.92	1	8260B	05/08/08 8:03	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	23	1.0	1	8260B	05/08/08 8:03	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	15	0.89	1	8260B	05/08/08 8:03	lwitry	Q32099
Naphthalene	BRL	µg/kg	7.7	2.4	1	8260B	05/08/08 8:03	lwitry	Q32099
o-Xylene	BRL	µg/kg	7.7	0.97	1	8260B	05/08/08 8:03	lwitry	Q32099
p-isopropyltoluene	BRL	µg/kg	23	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	23	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
Styrene	BRL	µg/kg	7.7	0.86	1	8260B	05/08/08 8:03	lwitry	Q32099
tert-Butylbenzene	BRL	µg/kg	31	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	15	0.92	1	8260B	05/08/08 8:03	lwitry	Q32099
Toluene	BRL	µg/kg	7.7	0.85	1	8260B	05/08/08 8:03	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	7.7	0.94	1	8260B	05/08/08 8:03	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	7.7	1.2	1	8260B	05/08/08 8:03	lwitry	Q32099
Trichloroethene	BRL	µg/kg	7.7	1.3	1	8260B	05/08/08 8:03	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	7.7	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:03	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	99	81 - 128
Dibromofluoromethane	105	67 - 143
Bromofluorobenzene	109	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.11	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.69	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	6.63	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	7.9	6.9	1	8260SIM	05/10/08 3:06	erussell	Q32350
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 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

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

Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	99	70 - 130
1,2-Dichloroethane-d4	106	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	510	57	1	8270C	05/13/08 16:24	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	510	57	1	8270C	05/13/08 16:24	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	510	50	1	8270C	05/13/08 16:24	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	510	61	1	8270C	05/13/08 16:24	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	510	61	1	8270C	05/13/08 16:24	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	510	55	1	8270C	05/13/08 16:24	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	510	34	1	8270C	05/13/08 16:24	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	510	76	1	8270C	05/13/08 16:24	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	510	150	1	8270C	05/13/08 16:24	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	510	67	1	8270C	05/13/08 16:24	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	510	93	1	8270C	05/13/08 16:24	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	510	64	1	8270C	05/13/08 16:24	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	510	21	1	8270C	05/13/08 16:24	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	510	57	1	8270C	05/13/08 16:24	rselph	Q32373
2-Methylphenol	BRL	µg/kg	510	41	1	8270C	05/13/08 16:24	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	510	72	1	8270C	05/13/08 16:24	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	510	60	1	8270C	05/13/08 16:24	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	510	93	1	8270C	05/13/08 16:24	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	510	44	1	8270C	05/13/08 16:24	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	510	64	1	8270C	05/13/08 16:24	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	510	61	1	8270C	05/13/08 16:24	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-10
 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	510	65	1	8270C	05/13/08 16:24	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	510	66	1	8270C	05/13/08 16:24	rselph	Q32373
Acenaphthene	BRL	µg/kg	510	70	1	8270C	05/13/08 16:24	rselph	Q32373
Acenaphthylene	BRL	µg/kg	510	48	1	8270C	05/13/08 16:24	rselph	Q32373
Anthracene	BRL	µg/kg	510	37	1	8270C	05/13/08 16:24	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	510	58	1	8270C	05/13/08 16:24	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	510	65	1	8270C	05/13/08 16:24	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	510	100	1	8270C	05/13/08 16:24	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	510	66	1	8270C	05/13/08 16:24	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	510	140	1	8270C	05/13/08 16:24	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	510	87	1	8270C	05/13/08 16:24	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	510	64	1	8270C	05/13/08 16:24	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	510	52	1	8270C	05/13/08 16:24	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	510	40	1	8270C	05/13/08 16:24	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	510	63	1	8270C	05/13/08 16:24	rselph	Q32373
Chrysene	BRL	µg/kg	510	35	1	8270C	05/13/08 16:24	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	510	82	1	8270C	05/13/08 16:24	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	510	150	1	8270C	05/13/08 16:24	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	510	48	1	8270C	05/13/08 16:24	rselph	Q32373
Dibenzofuran	BRL	µg/kg	510	63	1	8270C	05/13/08 16:24	rselph	Q32373
Diethylphthalate	BRL	µg/kg	510	130	1	8270C	05/13/08 16:24	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	510	76	1	8270C	05/13/08 16:24	rselph	Q32373
Fluoranthene	BRL	µg/kg	510	91	1	8270C	05/13/08 16:24	rselph	Q32373
Fluorene	BRL	µg/kg	510	73	1	8270C	05/13/08 16:24	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	510	70	1	8270C	05/13/08 16:24	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	510	51	1	8270C	05/13/08 16:24	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	510	76	1	8270C	05/13/08 16:24	rselph	Q32373

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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-10
 Prism Sample ID: 213220
 COC Group: G0508059
 Time Collected: 04/30/08 13:45
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	510	21	1	8270C	05/13/08 16:24	rselph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	510	49	1	8270C	05/13/08 16:24	rselph	Q32373
Isophorone	BRL	µg/kg	510	49	1	8270C	05/13/08 16:24	rselph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	510	30	1	8270C	05/13/08 16:24	rselph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	510	74	1	8270C	05/13/08 16:24	rselph	Q32373
Naphthalene	BRL	µg/kg	510	61	1	8270C	05/13/08 16:24	rselph	Q32373
Nitrobenzene	BRL	µg/kg	510	64	1	8270C	05/13/08 16:24	rselph	Q32373
Pentachlorophenol	BRL	µg/kg	510	78	1	8270C	05/13/08 16:24	rselph	Q32373
Benanthrene	BRL	µg/kg	510	44	1	8270C	05/13/08 16:24	rselph	Q32373
Phenol	BRL	µg/kg	510	90	1	8270C	05/13/08 16:24	rselph	Q32373
Pyrene	BRL	µg/kg	510	98	1	8270C	05/13/08 16:24	rselph	Q32373

Sample Preparation: 30.31 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	94	41 - 136
Phenol-d5	66	13 - 95
Nitrobenzene-d5	62	14 - 103
2-Fluorophenol	70	14 - 89
2-Fluorobiphenyl	79	21 - 108
2,4,6-Tribromophenol	81	25 - 123

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 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	61.8	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	7.3	0.72	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1,1-Trichloroethane	BRL	µg/kg	7.3	0.76	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1,1,2-Tetrachloroethane	BRL	µg/kg	7.3	0.82	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1,2-Trichloroethane	BRL	µg/kg	7.3	0.48	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1-Dichloroethane	BRL	µg/kg	7.3	0.76	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1-Dichloroethene	BRL	µg/kg	7.3	0.95	1	8260B	05/08/08 8:47	lwitry	Q32099
1,1-Dichloropropene	BRL	µg/kg	7.3	1.0	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2,3-Trichlorobenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2,3-Trichloropropane	BRL	µg/kg	7.3	0.87	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2,4-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2,4-Trimethylbenzene	BRL	µg/kg	15	1.0	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2-Dibromo-3-chloropropane	BRL	µg/kg	7.3	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2-Dibromoethane (EDB)	BRL	µg/kg	7.3	0.82	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2-Dichlorobenzene	BRL	µg/kg	15	0.85	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2-Dichloroethane	BRL	µg/kg	7.3	0.85	1	8260B	05/08/08 8:47	lwitry	Q32099
1,2-Dichloropropane	BRL	µg/kg	7.3	0.75	1	8260B	05/08/08 8:47	lwitry	Q32099
1,3,5-Trimethylbenzene	BRL	µg/kg	15	0.87	1	8260B	05/08/08 8:47	lwitry	Q32099
1,3-Dichlorobenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
1,3-Dichloropropane	BRL	µg/kg	7.3	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
1,4-Dichlorobenzene	BRL	µg/kg	15	0.91	1	8260B	05/08/08 8:47	lwitry	Q32099
2,2-Dichloropropane	BRL	µg/kg	7.3	0.68	1	8260B	05/08/08 8:47	lwitry	Q32099
2-Chloroethyl vinyl ether	BRL	µg/kg	15	0.75	1	8260B	05/08/08 8:47	lwitry	Q32099
2-Chlorotoluene	BRL	µg/kg	15	0.87	1	8260B	05/08/08 8:47	lwitry	Q32099
2-Hexanone	BRL	µg/kg	73	0.54	1	8260B	05/08/08 8:47	lwitry	Q32099

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Laboratory Report

05/16/08

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 c/o MACTEC Eng. & Consulting, Inc
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 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	15	1.5	1	8260B	05/08/08 8:47	lwitry	Q32099
Acetone	BRL	µg/kg	29	2.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Benzene	BRL	µg/kg	4.4	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
Bromobenzene	BRL	µg/kg	7.3	0.87	1	8260B	05/08/08 8:47	lwitry	Q32099
Bromochloromethane	BRL	µg/kg	7.3	0.98	1	8260B	05/08/08 8:47	lwitry	Q32099
Bromodichloromethane	BRL	µg/kg	7.3	0.76	1	8260B	05/08/08 8:47	lwitry	Q32099
Bromoform	BRL	µg/kg	7.3	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
Bromomethane	BRL	µg/kg	15	2.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Carbon disulfide	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
Carbon tetrachloride	BRL	µg/kg	7.3	0.63	1	8260B	05/08/08 8:47	lwitry	Q32099
Chlorobenzene	BRL	µg/kg	7.3	0.78	1	8260B	05/08/08 8:47	lwitry	Q32099
Chlorodibromomethane	BRL	µg/kg	7.3	0.84	1	8260B	05/08/08 8:47	lwitry	Q32099
Chloroethane	BRL	µg/kg	15	1.9	1	8260B	05/08/08 8:47	lwitry	Q32099
Chloroform	BRL	µg/kg	7.3	0.73	1	8260B	05/08/08 8:47	lwitry	Q32099
Chloromethane	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
cis-1,2-Dichloroethene	BRL	µg/kg	7.3	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
cis-1,3-Dichloropropene	BRL	µg/kg	7.3	0.82	1	8260B	05/08/08 8:47	lwitry	Q32099
Dibromomethane	BRL	µg/kg	7.3	0.93	1	8260B	05/08/08 8:47	lwitry	Q32099
Dichlorodifluoromethane	BRL	µg/kg	15	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Ethylbenzene	BRL	µg/kg	7.3	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
Hexachlorobutadiene	BRL	µg/kg	22	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Isopropyl ether (IPE)	BRL	µg/kg	7.3	0.63	1	8260B	05/08/08 8:47	lwitry	Q32099
Isopropylbenzene	BRL	µg/kg	15	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
m,p-Xylenes	BRL	µg/kg	15	1.8	1	8260B	05/08/08 8:47	lwitry	Q32099
Methyl ethyl ketone (MEK)	BRL	µg/kg	29	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
Methyl t-butyl ether (MTBE)	BRL	µg/kg	7.3	0.73	1	8260B	05/08/08 8:47	lwitry	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	15	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
n-Butylbenzene	BRL	µg/kg	22	0.98	1	8260B	05/08/08 8:47	lwitry	Q32099
n-Propylbenzene	BRL	µg/kg	15	0.85	1	8260B	05/08/08 8:47	lwitry	Q32099
Naphthalene	BRL	µg/kg	7.3	2.3	1	8260B	05/08/08 8:47	lwitry	Q32099
o-Xylene	BRL	µg/kg	7.3	0.93	1	8260B	05/08/08 8:47	lwitry	Q32099
p-Isopropyltoluene	BRL	µg/kg	22	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
sec-Butylbenzene	BRL	µg/kg	22	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
Styrene	BRL	µg/kg	7.3	0.82	1	8260B	05/08/08 8:47	lwitry	Q32099
t-Butylbenzene	BRL	µg/kg	29	1.0	1	8260B	05/08/08 8:47	lwitry	Q32099
Tetrachloroethene	BRL	µg/kg	15	0.88	1	8260B	05/08/08 8:47	lwitry	Q32099
Toluene	BRL	µg/kg	7.3	0.81	1	8260B	05/08/08 8:47	lwitry	Q32099
trans-1,2-Dichloroethene	BRL	µg/kg	7.3	0.90	1	8260B	05/08/08 8:47	lwitry	Q32099
trans-1,3-Dichloropropene	BRL	µg/kg	7.3	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Trichloroethene	BRL	µg/kg	7.3	1.2	1	8260B	05/08/08 8:47	lwitry	Q32099
Trichlorofluoromethane	BRL	µg/kg	7.3	1.1	1	8260B	05/08/08 8:47	lwitry	Q32099
Vinyl chloride	BRL	µg/kg	15	1.0	1	8260B	05/08/08 8:47	lwitry	Q32099

Surrogate	% Recovery	Control Limits
Toluene-d8	100	81 - 128
Dibromofluoromethane	103	67 - 143
Bromofluorobenzene	106	77 - 128

Sample Weight Determination

Weight Bisulfate 1	5.51	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	5.53	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	5.20	g	1	5035	05/06/08 0:00	lbrown

Volatile Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	8.1	7.1	1	8260SIM	05/10/08 3:38	erussell	Q32350
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 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Surrogate									
							% Recovery		Control Limits
							102		70 - 130
							102		70 - 130
							107		70 - 130
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	µg/kg	530	58	1	8270C	05/13/08 16:57	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	530	58	1	8270C	05/13/08 16:57	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	530	51	1	8270C	05/13/08 16:57	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	530	63	1	8270C	05/13/08 16:57	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	530	62	1	8270C	05/13/08 16:57	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	530	57	1	8270C	05/13/08 16:57	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	530	34	1	8270C	05/13/08 16:57	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	530	78	1	8270C	05/13/08 16:57	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	530	150	1	8270C	05/13/08 16:57	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	530	69	1	8270C	05/13/08 16:57	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	530	95	1	8270C	05/13/08 16:57	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	530	66	1	8270C	05/13/08 16:57	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	530	22	1	8270C	05/13/08 16:57	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	530	59	1	8270C	05/13/08 16:57	rselph	Q32373
2-Methylphenol	BRL	µg/kg	530	42	1	8270C	05/13/08 16:57	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	530	74	1	8270C	05/13/08 16:57	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	530	62	1	8270C	05/13/08 16:57	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	530	95	1	8270C	05/13/08 16:57	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	530	45	1	8270C	05/13/08 16:57	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	530	66	1	8270C	05/13/08 16:57	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	530	62	1	8270C	05/13/08 16:57	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	530	66	1	8270C	05/13/08 16:57	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	530	67	1	8270C	05/13/08 16:57	rselph	Q32373
Acenaphthene	BRL	µg/kg	530	72	1	8270C	05/13/08 16:57	rselph	Q32373
Acenaphthylene	BRL	µg/kg	530	50	1	8270C	05/13/08 16:57	rselph	Q32373
Anthracene	BRL	µg/kg	530	38	1	8270C	05/13/08 16:57	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	530	59	1	8270C	05/13/08 16:57	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	530	67	1	8270C	05/13/08 16:57	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	530	110	1	8270C	05/13/08 16:57	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	530	67	1	8270C	05/13/08 16:57	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	530	140	1	8270C	05/13/08 16:57	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	530	89	1	8270C	05/13/08 16:57	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	530	65	1	8270C	05/13/08 16:57	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	530	53	1	8270C	05/13/08 16:57	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	530	41	1	8270C	05/13/08 16:57	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	530	65	1	8270C	05/13/08 16:57	rselph	Q32373
Chrysene	BRL	µg/kg	530	35	1	8270C	05/13/08 16:57	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	530	84	1	8270C	05/13/08 16:57	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	530	150	1	8270C	05/13/08 16:57	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	530	49	1	8270C	05/13/08 16:57	rselph	Q32373
Dibenzofuran	BRL	µg/kg	530	64	1	8270C	05/13/08 16:57	rselph	Q32373
Diethylphthalate	BRL	µg/kg	530	140	1	8270C	05/13/08 16:57	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	530	78	1	8270C	05/13/08 16:57	rselph	Q32373
Fluoranthene	BRL	µg/kg	530	93	1	8270C	05/13/08 16:57	rselph	Q32373
Fluorene	BRL	µg/kg	530	75	1	8270C	05/13/08 16:57	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	530	72	1	8270C	05/13/08 16:57	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	530	52	1	8270C	05/13/08 16:57	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	530	78	1	8270C	05/13/08 16:57	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	530	22	1	8270C	05/13/08 16:57	rseiph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	530	50	1	8270C	05/13/08 16:57	rseiph	Q32373
Isophorone	BRL	µg/kg	530	50	1	8270C	05/13/08 16:57	rseiph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	530	31	1	8270C	05/13/08 16:57	rseiph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	530	76	1	8270C	05/13/08 16:57	rseiph	Q32373
Naphthalene	BRL	µg/kg	530	63	1	8270C	05/13/08 16:57	rseiph	Q32373
Nitrobenzene	BRL	µg/kg	530	66	1	8270C	05/13/08 16:57	rseiph	Q32373
Pentachlorophenol	BRL	µg/kg	530	80	1	8270C	05/13/08 16:57	rseiph	Q32373
Benanthrene	BRL	µg/kg	530	45	1	8270C	05/13/08 16:57	rseiph	Q32373
Phenol	BRL	µg/kg	530	93	1	8270C	05/13/08 16:57	rseiph	Q32373
Pyrene	BRL	µg/kg	530	100	1	8270C	05/13/08 16:57	rseiph	Q32373

Sample Preparation: 30.4 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	92	41 - 136
Phenol-d5	72	13 - 95
Nitrobenzene-d5	61	14 - 103
2-Fluorophenol	75	14 - 89
2-Fluorobiphenyl	76	21 - 108
2,4,6-Tribromophenol	82	25 - 123

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: B-11
 Prism Sample ID: 213221
 COC Group: G0508059
 Time Collected: 04/30/08 14:30
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis.

Angela D. Overcash, V.P. Laboratory Services



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Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
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 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	78.3	%			1	SM2540 G	05/06/08 13:30	mbarber	
Volatiles Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	µg/kg	7.7	0.76	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1,1-Trichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1,2,2-Tetrachloroethane	BRL	µg/kg	7.7	0.86	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1,2-Trichloroethane	BRL	µg/kg	7.7	0.51	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1-Dichloroethane	BRL	µg/kg	7.7	0.80	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1-Dichloroethene	BRL	µg/kg	7.7	1.0	1	8260B	05/09/08 3:11	lwitry	Q32330
1,1-Dichloropropene	BRL	µg/kg	7.7	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2,3-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2,3-Trichloropropane	BRL	µg/kg	7.7	0.91	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2,4-Trichlorobenzene	BRL	µg/kg	15	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2,4-Trimethylbenzene	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2-Dibromo-3-chloropropane	BRL	µg/kg	7.7	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2-Dibromoethane (EDB)	BRL	µg/kg	7.7	0.86	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2-Dichlorobenzene	BRL	µg/kg	15	0.89	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2-Dichloroethane	BRL	µg/kg	7.7	0.89	1	8260B	05/09/08 3:11	lwitry	Q32330
1,2-Dichloropropane	BRL	µg/kg	7.7	0.79	1	8260B	05/09/08 3:11	lwitry	Q32330
1,3,5-Trimethylbenzene	BRL	µg/kg	15	0.91	1	8260B	05/09/08 3:11	lwitry	Q32330
1,3-Dichlorobenzene	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
1,3-Dichloropropane	BRL	µg/kg	7.7	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
1,4-Dichlorobenzene	BRL	µg/kg	15	0.96	1	8260B	05/09/08 3:11	lwitry	Q32330
2,2-Dichloropropane	BRL	µg/kg	7.7	0.71	1	8260B	05/09/08 3:11	lwitry	Q32330
2-Chloroethyl vinyl ether	BRL	µg/kg	15	0.79	1	8260B	05/09/08 3:11	lwitry	Q32330
2-Chlorotoluene	BRL	µg/kg	15	0.91	1	8260B	05/09/08 3:11	lwitry	Q32330
2-Hexanone	BRL	µg/kg	7.7	0.57	1	8260B	05/09/08 3:11	lwitry	Q32330

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Laboratory Report

05/16/08

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 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorotoluene	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
4-Methyl-2-pentanone (MIBK)	BRL	µg/kg	15	1.6	1	8260B	05/09/08 3:11	lwitry	Q32330
Acetone	38	µg/kg	31	2.3	1	8260B	05/09/08 3:11	lwitry	Q32330
Benzene	BRL	µg/kg	4.6	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
Bromobenzene	BRL	µg/kg	7.7	0.91	1	8260B	05/09/08 3:11	lwitry	Q32330
Bromochloromethane	BRL	µg/kg	7.7	1.0	1	8260B	05/09/08 3:11	lwitry	Q32330
Bromodichloromethane	BRL	µg/kg	7.7	0.80	1	8260B	05/09/08 3:11	lwitry	Q32330
Bromoform	BRL	µg/kg	7.7	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
Bromomethane	BRL	µg/kg	15	2.3	1	8260B	05/09/08 3:11	lwitry	Q32330
Carbon disulfide	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
Carbon tetrachloride	BRL	µg/kg	7.7	0.66	1	8260B	05/09/08 3:11	lwitry	Q32330
Chlorobenzene	BRL	µg/kg	7.7	0.82	1	8260B	05/09/08 3:11	lwitry	Q32330
Chlorodibromomethane	BRL	µg/kg	7.7	0.88	1	8260B	05/09/08 3:11	lwitry	Q32330
Chloroethane	BRL	µg/kg	15	2.0	1	8260B	05/09/08 3:11	lwitry	Q32330
Chloroform	BRL	µg/kg	7.7	0.77	1	8260B	05/09/08 3:11	lwitry	Q32330
Chloromethane	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
cis-1,2-Dichloroethene	BRL	µg/kg	7.7	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
cis-1,3-Dichloropropene	BRL	µg/kg	7.7	0.86	1	8260B	05/09/08 3:11	lwitry	Q32330
Dibromomethane	BRL	µg/kg	7.7	0.97	1	8260B	05/09/08 3:11	lwitry	Q32330
Dichlorodifluoromethane	BRL	µg/kg	15	1.3	1	8260B	05/09/08 3:11	lwitry	Q32330
Ethylbenzene	BRL	µg/kg	7.7	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
Hexachlorobutadiene	BRL	µg/kg	23	1.3	1	8260B	05/09/08 3:11	lwitry	Q32330
Isopropyl ether (IPE)	BRL	µg/kg	7.7	0.66	1	8260B	05/09/08 3:11	lwitry	Q32330
Isopropylbenzene	BRL	µg/kg	15	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
m,p-Xylenes	BRL	µg/kg	15	1.9	1	8260B	05/09/08 3:11	lwitry	Q32330
Methyl ethyl ketone (MEK)	BRL	µg/kg	31	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
Methyl t-butyl ether (MTBE)	BRL	µg/kg	7.7	0.77	1	8260B	05/09/08 3:11	lwitry	Q32330

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05/16/08

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Methylene chloride	BRL	µg/kg	15	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
n-Butylbenzene	BRL	µg/kg	23	1.0	1	8260B	05/09/08 3:11	lwitry	Q32330
n-Propylbenzene	BRL	µg/kg	15	0.89	1	8260B	05/09/08 3:11	lwitry	Q32330
Naphthalene	BRL	µg/kg	7.7	2.4	1	8260B	05/09/08 3:11	lwitry	Q32330
o-Xylene	BRL	µg/kg	7.7	0.97	1	8260B	05/09/08 3:11	lwitry	Q32330
p-Isopropyltoluene	BRL	µg/kg	23	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
sec-Butylbenzene	BRL	µg/kg	23	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
Styrene	BRL	µg/kg	7.7	0.86	1	8260B	05/09/08 3:11	lwitry	Q32330
t-Butylbenzene	BRL	µg/kg	31	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
Tetrachloroethene	BRL	µg/kg	15	0.93	1	8260B	05/09/08 3:11	lwitry	Q32330
Toluene	BRL	µg/kg	7.7	0.85	1	8260B	05/09/08 3:11	lwitry	Q32330
trans-1,2-Dichloroethene	BRL	µg/kg	7.7	0.94	1	8260B	05/09/08 3:11	lwitry	Q32330
trans-1,3-Dichloropropene	BRL	µg/kg	7.7	1.2	1	8260B	05/09/08 3:11	lwitry	Q32330
Trichloroethene	BRL	µg/kg	7.7	1.3	1	8260B	05/09/08 3:11	lwitry	Q32330
Trichlorofluoromethane	BRL	µg/kg	7.7	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330
Vinyl chloride	BRL	µg/kg	15	1.1	1	8260B	05/09/08 3:11	lwitry	Q32330

Surrogate	% Recovery	Control Limits
Toluene-d8	108	81 - 128
Dibromofluoromethane	107	67 - 143
Bromofluorobenzene	114	77 - 128

Sample Weight Determination

Weight Bisulfate 1	4.14	g	1	5035	05/06/08 0:00	lbrown
Weight Bisulfate 2	4.06	g	1	5035	05/06/08 0:00	lbrown
Weight Methanol	3.96	g	1	5035	05/06/08 0:00	lbrown

Volatle Organic Compounds by SIM GC/MS

1,4-Dioxane	BRL	µg/kg	6.4	5.6	1	8260SIM	05/10/08 4:09	erussell	Q32350
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05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Surrogate	% Recovery	Control Limits
Dibromofluoromethane	102	70 - 130
Bromofluorobenzene	100	70 - 130
1,2-Dichloroethane-d4	107	70 - 130

Semi-volatile Organic Compounds by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/kg	430	47	1	8270C	05/13/08 17:29	rselph	Q32373
1,2-Dichlorobenzene	BRL	µg/kg	430	47	1	8270C	05/13/08 17:29	rselph	Q32373
1,3-Dichlorobenzene	BRL	µg/kg	430	41	1	8270C	05/13/08 17:29	rselph	Q32373
1,4-Dichlorobenzene	BRL	µg/kg	430	51	1	8270C	05/13/08 17:29	rselph	Q32373
2,4,5-Trichlorophenol	BRL	µg/kg	430	51	1	8270C	05/13/08 17:29	rselph	Q32373
2,4,6-Trichlorophenol	BRL	µg/kg	430	46	1	8270C	05/13/08 17:29	rselph	Q32373
2,4-Dichlorophenol	BRL	µg/kg	430	28	1	8270C	05/13/08 17:29	rselph	Q32373
2,4-Dimethylphenol	BRL	µg/kg	430	64	1	8270C	05/13/08 17:29	rselph	Q32373
2,4-Dinitrophenol	BRL	µg/kg	430	120	1	8270C	05/13/08 17:29	rselph	Q32373
2,4-Dinitrotoluene	BRL	µg/kg	430	56	1	8270C	05/13/08 17:29	rselph	Q32373
2,6-Dinitrotoluene	BRL	µg/kg	430	77	1	8270C	05/13/08 17:29	rselph	Q32373
2-Chloronaphthalene	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rselph	Q32373
2-Chlorophenol	BRL	µg/kg	430	18	1	8270C	05/13/08 17:29	rselph	Q32373
2-Methylnaphthalene	BRL	µg/kg	430	48	1	8270C	05/13/08 17:29	rselph	Q32373
2-Methylphenol	BRL	µg/kg	430	34	1	8270C	05/13/08 17:29	rselph	Q32373
2-Nitrophenol	BRL	µg/kg	430	60	1	8270C	05/13/08 17:29	rselph	Q32373
3&4-Methylphenol	BRL	µg/kg	430	50	1	8270C	05/13/08 17:29	rselph	Q32373
3,3'-Dichlorobenzidine	BRL	µg/kg	430	77	1	8270C	05/13/08 17:29	rselph	Q32373
4,6-Dinitro-2-methylphenol	BRL	µg/kg	430	37	1	8270C	05/13/08 17:29	rselph	Q32373
4-Bromophenylphenylether	BRL	µg/kg	430	53	1	8270C	05/13/08 17:29	rselph	Q32373
4-Chloro-3-methylphenol	BRL	µg/kg	430	50	1	8270C	05/13/08 17:29	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
4-Chlorophenylphenylether	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rselph	Q32373
4-Nitrophenol	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rselph	Q32373
Acenaphthene	BRL	µg/kg	430	58	1	8270C	05/13/08 17:29	rselph	Q32373
Acenaphthylene	BRL	µg/kg	430	40	1	8270C	05/13/08 17:29	rselph	Q32373
Anthracene	BRL	µg/kg	430	31	1	8270C	05/13/08 17:29	rselph	Q32373
Benzo(a)anthracene	BRL	µg/kg	430	48	1	8270C	05/13/08 17:29	rselph	Q32373
Benzo(a)pyrene	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rselph	Q32373
Benzo(b)fluoranthene	BRL	µg/kg	430	87	1	8270C	05/13/08 17:29	rselph	Q32373
Benzo(g,h,i)perylene	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rselph	Q32373
Benzo(k)fluoranthene	BRL	µg/kg	430	110	1	8270C	05/13/08 17:29	rselph	Q32373
Bis(2-chloroethoxy)methane	BRL	µg/kg	430	72	1	8270C	05/13/08 17:29	rselph	Q32373
Bis(2-chloroethyl)ether	BRL	µg/kg	430	53	1	8270C	05/13/08 17:29	rselph	Q32373
Bis(2-chloroisopropyl)ether	BRL	µg/kg	430	43	1	8270C	05/13/08 17:29	rselph	Q32373
Bis(2-ethylhexyl)phthalate	BRL	µg/kg	430	33	1	8270C	05/13/08 17:29	rselph	Q32373
Butylbenzylphthalate	BRL	µg/kg	430	53	1	8270C	05/13/08 17:29	rselph	Q32373
Chrysene	BRL	µg/kg	430	29	1	8270C	05/13/08 17:29	rselph	Q32373
Di-n-butylphthalate	BRL	µg/kg	430	68	1	8270C	05/13/08 17:29	rselph	Q32373
Di-n-octylphthalate	BRL	µg/kg	430	120	1	8270C	05/13/08 17:29	rselph	Q32373
Dibenzo(a,h)anthracene	BRL	µg/kg	430	40	1	8270C	05/13/08 17:29	rselph	Q32373
Dibenzofuran	BRL	µg/kg	430	52	1	8270C	05/13/08 17:29	rselph	Q32373
Diethylphthalate	BRL	µg/kg	430	110	1	8270C	05/13/08 17:29	rselph	Q32373
Dimethylphthalate	BRL	µg/kg	430	63	1	8270C	05/13/08 17:29	rselph	Q32373
Fluoranthene	BRL	µg/kg	430	75	1	8270C	05/13/08 17:29	rselph	Q32373
Fluorene	BRL	µg/kg	430	61	1	8270C	05/13/08 17:29	rselph	Q32373
Hexachlorobenzene	BRL	µg/kg	430	59	1	8270C	05/13/08 17:29	rselph	Q32373
Hexachlorobutadiene	BRL	µg/kg	430	42	1	8270C	05/13/08 17:29	rselph	Q32373
Hexachlorocyclopentadiene	BRL	µg/kg	430	64	1	8270C	05/13/08 17:29	rselph	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

05/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1
 Sample Matrix: Soil

Client Sample ID: F-2
 Prism Sample ID: 213222
 COC Group: G0508059
 Time Collected: 04/30/08 18:00
 Time Submitted: 05/02/08 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Hexachloroethane	BRL	µg/kg	430	18	1	8270C	05/13/08 17:29	rseiph	Q32373
Indeno(1,2,3-cd)pyrene	BRL	µg/kg	430	40	1	8270C	05/13/08 17:29	rseiph	Q32373
Isophorone	BRL	µg/kg	430	41	1	8270C	05/13/08 17:29	rseiph	Q32373
N-Nitrosodi-n-propylamine	BRL	µg/kg	430	25	1	8270C	05/13/08 17:29	rseiph	Q32373
N-Nitrosodiphenylamine	BRL	µg/kg	430	62	1	8270C	05/13/08 17:29	rseiph	Q32373
Naphthalene	BRL	µg/kg	430	51	1	8270C	05/13/08 17:29	rseiph	Q32373
Nitrobenzene	BRL	µg/kg	430	54	1	8270C	05/13/08 17:29	rseiph	Q32373
Pentachlorophenol	BRL	µg/kg	430	65	1	8270C	05/13/08 17:29	rseiph	Q32373
Benanthrene	BRL	µg/kg	430	36	1	8270C	05/13/08 17:29	rseiph	Q32373
Phenol	BRL	µg/kg	430	75	1	8270C	05/13/08 17:29	rseiph	Q32373
Pyrene	BRL	µg/kg	430	81	1	8270C	05/13/08 17:29	rseiph	Q32373

Sample Preparation: 29.62 g / 1 mL 3550B 05/08/08 10:00 pbarr P21550

Surrogate	% Recovery	Control Limits
Terphenyl-d14	86	41 - 136
Phenol-d5	63	13 - 95
Nitrobenzene-d5	64	14 - 103
2-Fluorophenol	67	14 - 89
2-Fluorobiphenyl	82	21 - 108
2,4,6-Tribromophenol	79	25 - 123



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Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
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Level II QC Report

5/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	5	<2.5	µg/kg	Q32099
1,1,1-Trichloroethane	ND	5	<2.5	µg/kg	Q32099
1,1,2,2-Tetrachloroethane	ND	5	<2.5	µg/kg	Q32099
1,1,2-Trichloroethane	ND	5	<2.5	µg/kg	Q32099
1,1-Dichloroethane	ND	5	<2.5	µg/kg	Q32099
1,1-Dichloroethene	ND	5	<2.5	µg/kg	Q32099
1,1-Dichloropropene	ND	5	<2.5	µg/kg	Q32099
1,2,3-Trichlorobenzene	ND	10	<5	µg/kg	Q32099
1,2,3-Trichloropropane	ND	5	<2.5	µg/kg	Q32099
1,2,4-Trichlorobenzene	ND	10	<5	µg/kg	Q32099
1,2,4-Trimethylbenzene	ND	10	<5	µg/kg	Q32099
1,2-Dibromo-3-chloropropane	ND	5	<2.5	µg/kg	Q32099
1,2-Dibromoethane (EDB)	ND	5	<2.5	µg/kg	Q32099
1,2-Dichlorobenzene	ND	10	<5	µg/kg	Q32099
1,2-Dichloroethane	ND	5	<2.5	µg/kg	Q32099
1,2-Dichloropropane	ND	5	<2.5	µg/kg	Q32099
1,3,5-Trimethylbenzene	ND	10	<5	µg/kg	Q32099
1,3-Dichlorobenzene	ND	10	<5	µg/kg	Q32099
1,3-Dichloropropane	ND	5	<2.5	µg/kg	Q32099
1,4-Dichlorobenzene	ND	10	<5	µg/kg	Q32099
2,2-Dichloropropane	ND	5	<2.5	µg/kg	Q32099
2-Chloroethyl vinyl ether	ND	10	<5	µg/kg	Q32099
2-Chlorotoluene	ND	10	<5	µg/kg	Q32099
2-Hexanone	ND	50	<25	µg/kg	Q32099
4-Chlorotoluene	ND	10	<5	µg/kg	Q32099
4-Methyl-2-pentanone (MIBK)	ND	10	<5	µg/kg	Q32099
Acetone	ND	20	<10	µg/kg	Q32099
Benzene	ND	3	<1.5	µg/kg	Q32099
Bromobenzene	ND	5	<2.5	µg/kg	Q32099
Bromochloromethane	ND	5	<2.5	µg/kg	Q32099
Bromodichloromethane	ND	5	<2.5	µg/kg	Q32099
Bromofom	ND	5	<2.5	µg/kg	Q32099
Bromomethane	ND	10	<5	µg/kg	Q32099
Carbon disulfide	ND	10	<5	µg/kg	Q32099

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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Carbon tetrachloride	ND	5	<2.5	µg/kg	Q32099
Chlorobenzene	ND	5	<2.5	µg/kg	Q32099
Chlorodibromomethane	ND	5	<2.5	µg/kg	Q32099
Chloroethane	ND	10	<5	µg/kg	Q32099
Chloroform	ND	5	<2.5	µg/kg	Q32099
Chloromethane	ND	10	<5	µg/kg	Q32099
cis-1,2-Dichloroethene	ND	5	<2.5	µg/kg	Q32099
cis-1,3-Dichloropropene	ND	5	<2.5	µg/kg	Q32099
Dibromomethane	ND	5	<2.5	µg/kg	Q32099
Dichlorodifluoromethane	ND	10	<5	µg/kg	Q32099
Ethylbenzene	ND	5	<2.5	µg/kg	Q32099
Hexachlorobutadiene	ND	15	<7.5	µg/kg	Q32099
Isopropyl ether (IPE)	ND	5	<2.5	µg/kg	Q32099
Isopropylbenzene	ND	10	<5	µg/kg	Q32099
m,p-Xylenes	ND	10	<5	µg/kg	Q32099
Methyl ethyl ketone (MEK)	ND	20	<10	µg/kg	Q32099
Methyl t-butyl ether (MTBE)	ND	5	<2.5	µg/kg	Q32099
Methylene chloride	ND	10	<5	µg/kg	Q32099
n-Butylbenzene	ND	15	<7.5	µg/kg	Q32099
n-Propylbenzene	ND	10	<5	µg/kg	Q32099
Naphthalene	ND	5	<2.5	µg/kg	Q32099
o-Xylene	ND	5	<2.5	µg/kg	Q32099
p-Isopropyltoluene	ND	15	<7.5	µg/kg	Q32099
sec-Butylbenzene	ND	15	<7.5	µg/kg	Q32099
Styrene	ND	5	<2.5	µg/kg	Q32099
tert-Butylbenzene	ND	20	<10	µg/kg	Q32099
Tetrachloroethene	ND	10	<5	µg/kg	Q32099
Toluene	ND	5	<2.5	µg/kg	Q32099
trans-1,2-Dichloroethene	ND	5	<2.5	µg/kg	Q32099
trans-1,3-Dichloropropene	ND	5	<2.5	µg/kg	Q32099
Trichloroethene	ND	5	<2.5	µg/kg	Q32099
Trichlorofluoromethane	ND	5	<2.5	µg/kg	Q32099
Vinyl acetate	ND	10	<5	µg/kg	Q32099
Vinyl chloride	ND	10	<5	µg/kg	Q32099

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	59.99	50	µg/kg	120	57-122	Q32099
Benzene	58.76	50	µg/kg	118	62-119	Q32099
Chlorobenzene	55.96	50	µg/kg	112	61-124	Q32099
Toluene	57.93	50	µg/kg	116	57-122	Q32099
Trichloroethene	58.25	50	µg/kg	117	59-129	Q32099

Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
213015 1,1-Dichloroethene	49.21	50	µg/kg	98	44-140	Q32099
Benzene	43.46	50	µg/kg	87	46-136	Q32099
Chlorobenzene	37.31	50	µg/kg	75	47-135	Q32099
Toluene	41.11	50	µg/kg	82	47-136	Q32099
Trichloroethene	42.71	50	µg/kg	85	45-141	Q32099

Matrix Spike Duplicate	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
213015 1,1-Dichloroethene	49.4	50	µg/kg	99	44-140	0	0 - 23	Q32099
Benzene	44.84	50	µg/kg	90	46-136	3	0 - 22	Q32099
Chlorobenzene	40.07	50	µg/kg	80	47-135	7	0 - 22	Q32099
Toluene	43	50	µg/kg	86	47-136	4	0 - 22	Q32099
Trichloroethene	43.44	50	µg/kg	87	45-141	2	0 - 23	Q32099



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Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q32330
1,1,2,2-Tetrachloroethane	ND	0.005	<0.0025	mg/kg	Q32330
1,1,2-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q32330
1,1-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q32330
1,1-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q32330
1,1-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q32330
1,2,3-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,2,3-Trichloropropane	ND	0.005	<0.0025	mg/kg	Q32330
1,2,4-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,2,4-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,2-Dibromoethane (EDB)	ND	0.005	<0.0025	mg/kg	Q32330
1,2-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,2-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q32330
1,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q32330
1,3,5-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,3-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
1,3-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q32330
1,4-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
2,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q32330
2-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q32330
2-Hexanone	ND	0.05	<0.025	mg/kg	Q32330
4-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q32330
4-Methyl-2-pentanone (MIBK)	ND	0.05	<0.025	mg/kg	Q32330
Acetone	ND	0.05	<0.025	mg/kg	Q32330
Benzene	ND	0.003	<0.0015	mg/kg	Q32330
Bromobenzene	ND	0.005	<0.0025	mg/kg	Q32330
Bromochloromethane	ND	0.005	<0.0025	mg/kg	Q32330
Bromodichloromethane	ND	0.005	<0.0025	mg/kg	Q32330
Bromoform	ND	0.005	<0.0025	mg/kg	Q32330
Bromomethane	ND	0.01	<0.005	mg/kg	Q32330
Carbon tetrachloride	ND	0.005	<0.0025	mg/kg	Q32330
Chlorobenzene	ND	0.005	<0.0025	mg/kg	Q32330
Chlorodibromomethane	ND	0.005	<0.0025	mg/kg	Q32330
Chloroethane	ND	0.01	<0.005	mg/kg	Q32330

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Level II QC Report

5/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Chloroform	ND	0.005	<0.0025	mg/kg	Q32330
Chloromethane	ND	0.005	<0.0025	mg/kg	Q32330
cis-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q32330
cis-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q32330
Dichlorodifluoromethane	ND	0.005	<0.0025	mg/kg	Q32330
Ethylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
Isopropyl ether (IPE)	ND	0.005	<0.0025	mg/kg	Q32330
Isopropylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
m,p-Xylenes	ND	0.01	<0.005	mg/kg	Q32330
Methyl ethyl ketone (MEK)	ND	0.1	<0.05	mg/kg	Q32330
Methyl t-butyl ether (MTBE)	ND	0.01	<0.005	mg/kg	Q32330
Methylene chloride	ND	0.005	<0.0025	mg/kg	Q32330
n-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
n-Propylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
Naphthalene	ND	0.01	<0.005	mg/kg	Q32330
o-Xylene	ND	0.005	<0.0025	mg/kg	Q32330
p-Isopropyltoluene	ND	0.005	<0.0025	mg/kg	Q32330
sec-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
Styrene	ND	0.005	<0.0025	mg/kg	Q32330
tert-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q32330
Tetrachloroethene	ND	0.005	<0.0025	mg/kg	Q32330
Toluene	ND	0.005	<0.0025	mg/kg	Q32330
trans-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q32330
trans-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q32330
Trichloroethene	ND	0.005	<0.0025	mg/kg	Q32330
Trichlorofluoromethane	ND	0.005	<0.0025	mg/kg	Q32330
Vinyl acetate	ND	0.025	<0.0125	mg/kg	Q32330
Vinyl chloride	ND	0.005	<0.0025	mg/kg	Q32330

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	0.04973	0.05	mg/kg	99	57-122	Q32330
Benzene	0.04634	0.05	mg/kg	93	62-119	Q32330
Chlorobenzene	0.04632	0.05	mg/kg	93	61-124	Q32330
Toluene	0.04461	0.05	mg/kg	89	57-122	Q32330
Trichloroethene	0.04613	0.05	mg/kg	92	59-129	Q32330

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NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

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Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
Sample ID:						
213304 1,1-Dichloroethene	0.04217	0.05	mg/kg	84	44-140	Q32330
Benzene	0.04274	0.05	mg/kg	85	46-136	Q32330
Chlorobenzene	0.04497	0.05	mg/kg	90	47-135	Q32330
Toluene	0.04217	0.05	mg/kg	84	47-136	Q32330
Trichloroethene	0.0429	0.05	mg/kg	86	45-141	Q32330

Matrix Spike Duplicate	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
Sample ID:								
213304 1,1-Dichloroethene	0.05045	0.05	mg/kg	101	44-140	18	0 - 23	Q32330
Benzene	0.04757	0.05	mg/kg	95	46-136	11	0 - 22	Q32330
Chlorobenzene	0.05209	0.05	mg/kg	104	47-135	15	0 - 22	Q32330
Toluene	0.04902	0.05	mg/kg	98	47-136	15	0 - 22	Q32330
Trichloroethene	0.05183	0.05	mg/kg	104	45-141	19	0 - 23	Q32330



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Semi-volatile Organics by GC/MS, method 8270C

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,2,4-Trichlorobenzene	ND	10	<5	µg/L	Q32348
1,2-Dichlorobenzene	ND	10	<5	µg/L	Q32348
1,3-Dichlorobenzene	ND	10	<5	µg/L	Q32348
1,4-Dichlorobenzene	ND	10	<5	µg/L	Q32348
2,4,5-Trichlorophenol	ND	10	<5	µg/L	Q32348
2,4,6-Trichlorophenol	ND	10	<5	µg/L	Q32348
2,4-Dichlorophenol	ND	10	<5	µg/L	Q32348
2,4-Dimethylphenol	ND	10	<5	µg/L	Q32348
2,4-Dinitrophenol	ND	10	<5	µg/L	Q32348
2,4-Dinitrotoluene	ND	10	<5	µg/L	Q32348
2,6-Dinitrotoluene	ND	10	<5	µg/L	Q32348
2-Chloronaphthalene	ND	10	<5	µg/L	Q32348
2-Chlorophenol	ND	10	<5	µg/L	Q32348
2-Methylnaphthalene	ND	10	<5	µg/L	Q32348
2-Methylphenol	ND	10	<5	µg/L	Q32348
2-Nitrophenol	ND	10	<5	µg/L	Q32348
3&4-Methylphenol	ND	10	<5	µg/L	Q32348
3,3'-Dichlorobenzidine	ND	10	<5	µg/L	Q32348
4,6-Dinitro-2-methylphenol	ND	10	<5	µg/L	Q32348
4-Bromophenylphenylether	ND	10	<5	µg/L	Q32348
4-Chloro-3-methylphenol	ND	10	<5	µg/L	Q32348
4-Chlorophenylphenylether	ND	10	<5	µg/L	Q32348
4-Nitrophenol	ND	10	<5	µg/L	Q32348
Acenaphthene	ND	10	<5	µg/L	Q32348
Acenaphthylene	ND	10	<5	µg/L	Q32348
Anthracene	ND	10	<5	µg/L	Q32348
Benzo(a)anthracene	ND	10	<5	µg/L	Q32348
Benzo(a)pyrene	ND	10	<5	µg/L	Q32348
Benzo(b)fluoranthene	ND	10	<5	µg/L	Q32348
Benzo(g,h,i)perylene	ND	10	<5	µg/L	Q32348
Benzo(k)fluoranthene	ND	10	<5	µg/L	Q32348
Bis(2-chloroethoxy)methane	ND	10	<5	µg/L	Q32348
Bis(2-chloroethyl)ether	ND	10	<5	µg/L	Q32348
Bis(2-chloroisopropyl)ether	ND	10	<5	µg/L	Q32348

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Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Bis(2-ethylhexyl)phthalate	ND	10	<5	µg/L	Q32348
Butylbenzylphthalate	ND	10	<5	µg/L	Q32348
Chrysene	ND	10	<5	µg/L	Q32348
Di-n-butylphthalate	ND	10	<5	µg/L	Q32348
Di-n-octylphthalate	ND	10	<5	µg/L	Q32348
Dibenzo(a,h)anthracene	ND	10	<5	µg/L	Q32348
Dibenzofuran	ND	10	<5	µg/L	Q32348
Diethylphthalate	ND	10	<5	µg/L	Q32348
Dimethylphthalate	ND	10	<5	µg/L	Q32348
Fluoranthene	ND	10	<5	µg/L	Q32348
Fluorene	ND	10	<5	µg/L	Q32348
Hexachlorobenzene	ND	10	<5	µg/L	Q32348
Hexachlorobutadiene	ND	10	<5	µg/L	Q32348
Hexachlorocyclopentadiene	ND	10	<5	µg/L	Q32348
Hexachloroethane	ND	10	<5	µg/L	Q32348
Indeno(1,2,3-cd)pyrene	ND	10	<5	µg/L	Q32348
Isophorone	ND	10	<5	µg/L	Q32348
N-Nitrosodi-n-propylamine	ND	10	<5	µg/L	Q32348
N-Nitrosodiphenylamine	ND	10	<5	µg/L	Q32348
Naphthalene	ND	10	<5	µg/L	Q32348
Nitrobenzene	ND	10	<5	µg/L	Q32348
Pentachlorophenol	ND	10	<5	µg/L	Q32348
Phenanthrene	ND	10	<5	µg/L	Q32348
Phenol	ND	10	<5	µg/L	Q32348
Pyrene	ND	10	<5	µg/L	Q32348

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,2,4-Trichlorobenzene	28.14	50	µg/L	56	26-96	Q32348
1,4-Dichlorobenzene	30.18	50	µg/L	60	19-95	Q32348
2,4-Dinitrotoluene	45.95	50	µg/L	92	47-122	Q32348
2-Chlorophenol	22.2	50	µg/L	44	20-95	Q32348
4-Chloro-3-methylphenol	27.74	50	µg/L	55	36-104	Q32348
4-Nitrophenol	8.25	50	µg/L	17	10-117	Q32348
Acenaphthene	44.27	50	µg/L	89	36-109	Q32348
N-Nitrosodi-n-propylamine	29.54	50	µg/L	59	31-100	Q32348
Pentachlorophenol	47.64	50	µg/L	95	48-124	Q32348

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COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
Phenol	5.07	50	µg/L	10	10-99	Q32348
Pyrene	38.71	50	µg/L	77	55-120	Q32348

Matrix Spike	Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,2,4-Trichlorobenzene	213214	62.1372	98.039	µg/L	63	21-105	Q32348
1,4-Dichlorobenzene		69.3725	98.039	µg/L	71	19-99	Q32348
2,4-Dinitrotoluene		90.6470	98.039	µg/L	92	48-126	Q32348
2-Chlorophenol		71.1764	98.039	µg/L	73	19-104	Q32348
4-Chloro-3-methylphenol		67.4705	98.039	µg/L	69	35-115	Q32348
4-Nitrophenol		29.4901	98.039	µg/L	30	10-116	Q32348
Acenaphthene		81.4313	98.039	µg/L	83	35-112	Q32348
N-Nitrosodi-n-propylamine		85.4509	98.039	µg/L	87	27-105	Q32348
Pentachlorophenol		107.529	98.039	µg/L	110	62-119	Q32348
Phenol		29.0196	98.039	µg/L	30	10-93	Q32348
Pyrene		86.9411	98.039	µg/L	89	52-127	Q32348

Matrix Spike Duplicate	Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
1,2,4-Trichlorobenzene	213214	63.5686	98.039	µg/L	65	21-105	2	0 - 36	Q32348
1,4-Dichlorobenzene		65.0196	98.039	µg/L	66	19-99	6	0 - 36	Q32348
2,4-Dinitrotoluene		83.6274	98.039	µg/L	85	48-126	8	0 - 29	Q32348
2-Chlorophenol		50.0196	98.039	µg/L	51	19-104	35	0 - 35	Q32348
4-Chloro-3-methylphenol		73.0980	98.039	µg/L	75	35-115	8	0 - 33	Q32348
4-Nitrophenol		29.5490	98.039	µg/L	30	10-116	0	0 - 50	Q32348
Acenaphthene		92.5882	98.039	µg/L	94	35-112	13	0 - 20	Q32348
N-Nitrosodi-n-propylamine		58.1568	98.039	µg/L	59	27-105	38	# 0 - 36	Q32348
Pentachlorophenol		101.627	98.039	µg/L	104	62-119	6	0 - 21	Q32348
Phenol		19.4705	98.039	µg/L	20	10-93	39	# 0 - 39	Q32348
Pyrene		88.1176	98.039	µg/L	90	52-127	1	0 - 15	Q32348



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 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Volatile Organic Compounds by SIM GC/MS, method 8260SIM

Method Blank							QC Batch ID	
	Result	RL	Control Limit	Units				
1,4-Dioxane	ND	5	<2.5	µg/kg			Q32350	
Laboratory Control Sample								
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
1,4-Dioxane	48.40	50	µg/kg	97	70-130		Q32350	
Matrix Spike								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
213209 1,4-Dioxane	43.61	50	µg/kg	87	70-130		Q32350	
Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
213209 1,4-Dioxane	42.57	50	µg/kg	85	70-130	2	0 - 20	Q32350



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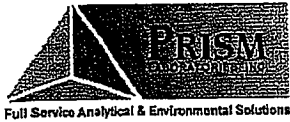
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COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Semi-volatile Organic Compounds by GC/MS, method 8270C

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,2,4-Trichlorobenzene	ND	0.33	<0.165	mg/kg	Q32373
1,2-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q32373
1,3-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q32373
1,4-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q32373
2,4,5-Trichlorophenol	ND	0.33	<0.165	mg/kg	Q32373
2,4,6-Trichlorophenol	ND	0.33	<0.165	mg/kg	Q32373
2,4-Dichlorophenol	ND	0.33	<0.165	mg/kg	Q32373
2,4-Dimethylphenol	ND	0.33	<0.165	mg/kg	Q32373
2,4-Dinitrophenol	ND	1.65	<0.825	mg/kg	Q32373
2,4-Dinitrotoluene	ND	0.33	<0.165	mg/kg	Q32373
2,6-Dinitrotoluene	ND	0.33	<0.165	mg/kg	Q32373
2-Chloronaphthalene	ND	0.33	<0.165	mg/kg	Q32373
2-Chlorophenol	ND	0.33	<0.165	mg/kg	Q32373
2-Methylnaphthalene	ND	0.33	<0.165	mg/kg	Q32373
2-Methylphenol	ND	0.33	<0.165	mg/kg	Q32373
2-Nitrophenol	ND	0.33	<0.165	mg/kg	Q32373
3&4-Methylphenol	ND	0.33	<0.165	mg/kg	Q32373
3,3'-Dichlorobenzidine	ND	0.66	<0.33	mg/kg	Q32373
4,6-Dinitro-2-methylphenol	ND	1.65	<0.825	mg/kg	Q32373
4-Bromophenylphenylether	ND	0.33	<0.165	mg/kg	Q32373
4-Chloro-3-methylphenol	ND	0.66	<0.33	mg/kg	Q32373
4-Chloroaniline	ND	0.33	<0.165	mg/kg	Q32373
4-Chlorophenylphenylether	ND	0.33	<0.165	mg/kg	Q32373
4-Nitrophenol	ND	1.65	<0.825	mg/kg	Q32373
Acenaphthene	ND	0.33	<0.165	mg/kg	Q32373
Acenaphthylene	ND	0.33	<0.165	mg/kg	Q32373
Anthracene	ND	0.33	<0.165	mg/kg	Q32373
Azobenzene	ND	1.65	<0.825	mg/kg	Q32373
Benzo(a)anthracene	ND	0.33	<0.165	mg/kg	Q32373
Benzo(a)pyrene	ND	0.33	<0.165	mg/kg	Q32373
Benzo(b)fluoranthene	ND	0.33	<0.165	mg/kg	Q32373
Benzo(g,h,i)perylene	ND	0.33	<0.165	mg/kg	Q32373
Benzo(k)fluoranthene	ND	0.33	<0.165	mg/kg	Q32373
Benzoic acid	ND	1.65	<0.825	mg/kg	Q32373

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Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Benzyl alcohol	ND	0.66	<0.33	mg/kg	Q32373
Bis(2-chloroethoxy)methane	ND	0.33	<0.165	mg/kg	Q32373
Bis(2-chloroethyl)ether	ND	0.33	<0.165	mg/kg	Q32373
Bis(2-chloroisopropyl)ether	ND	0.33	<0.165	mg/kg	Q32373
Bis(2-ethylhexyl)phthalate	ND	0.33	<0.165	mg/kg	Q32373
Butylbenzylphthalate	ND	0.33	<0.165	mg/kg	Q32373
Chrysene	ND	0.33	<0.165	mg/kg	Q32373
Di-n-butylphthalate	ND	0.33	<0.165	mg/kg	Q32373
Di-n-octylphthalate	ND	0.33	<0.165	mg/kg	Q32373
Dibenzo(a,h)anthracene	ND	0.33	<0.165	mg/kg	Q32373
Dibenzofuran	ND	0.33	<0.165	mg/kg	Q32373
Diethylphthalate	ND	0.33	<0.165	mg/kg	Q32373
Dimethylphthalate	ND	0.33	<0.165	mg/kg	Q32373
Fluoranthene	ND	0.33	<0.165	mg/kg	Q32373
Fluorene	ND	0.33	<0.165	mg/kg	Q32373
Hexachlorobenzene	ND	0.33	<0.165	mg/kg	Q32373
Hexachlorobutadiene	ND	0.33	<0.165	mg/kg	Q32373
Hexachlorocyclopentadiene	ND	0.33	<0.165	mg/kg	Q32373
Hexachloroethane	ND	0.33	<0.165	mg/kg	Q32373
Indeno(1,2,3-cd)pyrene	ND	0.33	<0.165	mg/kg	Q32373
Isophorone	ND	0.33	<0.165	mg/kg	Q32373
N-Nitrosodi-n-propylamine	ND	0.33	<0.165	mg/kg	Q32373
N-Nitrosodiphenylamine	ND	0.33	<0.165	mg/kg	Q32373
Naphthalene	ND	0.33	<0.165	mg/kg	Q32373
Nitrobenzene	ND	0.33	<0.165	mg/kg	Q32373
Pentachlorophenol	ND	1.65	<0.825	mg/kg	Q32373
Phenanthrene	ND	0.33	<0.165	mg/kg	Q32373
Phenol	ND	0.33	<0.165	mg/kg	Q32373
Pyrene	ND	0.33	<0.165	mg/kg	Q32373

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,2,4-Trichlorobenzene	1.02732	1.6664	mg/kg	62	39-98	Q32373
1,4-Dichlorobenzene	1.00133	1.6664	mg/kg	60	37-95	Q32373
2,4-Dinitrotoluene	1.47084	1.6664	mg/kg	88	56-128	Q32373
2-Chlorophenol	1.07797	1.6664	mg/kg	65	37-98	Q32373
4-Chloro-3-methylphenol	1.11996	1.6664	mg/kg	67	45-111	Q32373

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 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
4-Nitrophenol	1.71442	1.6664	mg/kg	103	20-157	Q32373
Acenaphthene	1.29790	1.6664	mg/kg	78	44-110	Q32373
N-Nitrosodi-n-propylamine	1.27857	1.6664	mg/kg	77	38-101	Q32373
Pentachlorophenol	1.68810	1.6664	mg/kg	101	53-127	Q32373
Phenol	1.06831	1.6664	mg/kg	64	34-102	Q32373
Pyrene	1.66044	1.6664	mg/kg	100	54-131	Q32373

Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
Sample ID: 213307 1,2,4-Trichlorobenzene	0.756	1.667	mg/kg	45	26-97	Q32373
1,4-Dichlorobenzene	0.43466	1.667	mg/kg	26	23-92	Q32373
2,4-Dinitrotoluene	1.45733	1.667	mg/kg	87	45-127	Q32373
2-Chlorophenol	0.617	1.667	mg/kg	37	25-94	Q32373
4-Chloro-3-methylphenol	1.26366	1.667	mg/kg	76	31-113	Q32373
4-Nitrophenol	1.22933	1.667	mg/kg	74	17-150	Q32373
Acenaphthene	1.33333	1.667	mg/kg	80	36-107	Q32373
N-Nitrosodi-n-propylamine	1.049	1.667	mg/kg	63	22-105	Q32373
Pentachlorophenol	1.78433	1.667	mg/kg	107	39-137	Q32373
Phenol	0.971	1.667	mg/kg	58	23-97	Q32373
Pyrene	1.43966	1.667	mg/kg	86	45-133	Q32373

Matrix Spike Duplicate	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
Sample ID: 213307 1,2,4-Trichlorobenzene	0.80133	1.667	mg/kg	48	26-97	6	0 - 37	Q32373
1,4-Dichlorobenzene	0.79166	1.667	mg/kg	47	23-92	58 #	0 - 36	Q32373
2,4-Dinitrotoluene	1.59433	1.667	mg/kg	96	45-127	9	0 - 29	Q32373
2-Chlorophenol	0.79533	1.667	mg/kg	48	25-94	25	0 - 37	Q32373
4-Chloro-3-methylphenol	1.15	1.667	mg/kg	69	31-113	9	0 - 32	Q32373
4-Nitrophenol	1.21733	1.667	mg/kg	73	17-150	1	0 - 32	Q32373
Acenaphthene	1.22466	1.667	mg/kg	73	36-107	8	0 - 32	Q32373
N-Nitrosodi-n-propylamine	0.95766	1.667	mg/kg	57	22-105	9	0 - 37	Q32373
Pentachlorophenol	1.94133	1.667	mg/kg	116	39-137	8	0 - 27	Q32373
Phenol	0.97766	1.667	mg/kg	59	23-97	1	0 - 42	Q32373
Pyrene	1.54966	1.667	mg/kg	93	45-133	7	0 - 27	Q32373

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Level II QC Report

5/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Volatile Organic Compounds by SIM GC/MS, method 8260SIM

Method Blank							QC Batch ID	
	Result	RL	Control Limit	Units				
1,4-Dioxane	ND	1	<0.5	µg/L			Q32381	
Laboratory Control Sample								
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
1,4-Dioxane	50.37	50	µg/L	101	70-130		Q32381	
Matrix Spike								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
213308 1,4-Dioxane	1507.6	2000	µg/L	75	70-130		Q32381	
Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
213308 1,4-Dioxane	1928.8	2000	µg/L	96	70-130	25	0 - 30	Q32381



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5/16/08

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 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Volatile Organic Compounds by GC/MS, method 8260B

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
1,1,1,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q32383
1,1,1-Trichloroethane	ND	1	<0.5	µg/L	Q32383
1,1,2,2-Tetrachloroethane	ND	1	<0.5	µg/L	Q32383
1,1,2-Trichloroethane	ND	1	<0.5	µg/L	Q32383
1,1-Dichloroethane	ND	1	<0.5	µg/L	Q32383
1,1-Dichloroethene	ND	1	<0.5	µg/L	Q32383
1,1-Dichloropropene	ND	1	<0.5	µg/L	Q32383
1,2,3-Trichlorobenzene	ND	2	<1	µg/L	Q32383
1,2,3-Trichloropropane	ND	1	<0.5	µg/L	Q32383
1,2,4-Trichlorobenzene	ND	1	<0.5	µg/L	Q32383
1,2,4-Trimethylbenzene	ND	1	<0.5	µg/L	Q32383
1,2-Dibromo-3-chloropropane	ND	2	<1	µg/L	Q32383
1,2-Dibromoethane (EDB)	ND	1	<0.5	µg/L	Q32383
1,2-Dichlorobenzene	ND	1	<0.5	µg/L	Q32383
1,2-Dichloroethane	ND	1	<0.5	µg/L	Q32383
1,2-Dichloroethene (Total)	ND	5	<2.5	µg/L	Q32383
1,2-Dichloropropane	ND	1	<0.5	µg/L	Q32383
1,3,5-Trimethylbenzene	ND	1	<0.5	µg/L	Q32383
1,3-Dichlorobenzene	ND	1	<0.5	µg/L	Q32383
1,3-Dichloropropane	ND	1	<0.5	µg/L	Q32383
1,4-Dichlorobenzene	ND	1	<0.5	µg/L	Q32383
1,4-Dioxane	ND	150	<75	µg/L	Q32383
2,2-Dichloropropane	ND	2	<1	µg/L	Q32383
2-Chloroethyl vinyl ether	ND	2	<1	µg/L	Q32383
2-Chlorotoluene	ND	1	<0.5	µg/L	Q32383
2-Hexanone	ND	5	<2.5	µg/L	Q32383
4-Chlorotoluene	ND	1	<0.5	µg/L	Q32383
4-Methyl-2-pentanone (MIBK)	ND	5	<2.5	µg/L	Q32383
Acetone	ND	10	<5	µg/L	Q32383
Acrolein	ND	100	<50	µg/L	Q32383
Acrylonitrile	ND	100	<50	µg/L	Q32383
Benzene	ND	1	<0.5	µg/L	Q32383
Bromobenzene	ND	1	<0.5	µg/L	Q32383
Bromochloromethane	ND	1	<0.5	µg/L	Q32383

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Level II QC Report

5/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Bromodichloromethane	ND	1	<0.5	µg/L	Q32383
Bromoform	ND	1	<0.5	µg/L	Q32383
Bromomethane	ND	3	<1.5	µg/L	Q32383
Carbon disulfide	ND	5	<2.5	µg/L	Q32383
Carbon tetrachloride	ND	2	<1	µg/L	Q32383
Chlorobenzene	ND	1	<0.5	µg/L	Q32383
Chlorodibromomethane	ND	1	<0.5	µg/L	Q32383
Chloroethane	ND	5	<2.5	µg/L	Q32383
Chloroform	ND	1	<0.5	µg/L	Q32383
Chloromethane	ND	2	<1	µg/L	Q32383
cis-1,2-Dichloroethene	ND	1	<0.5	µg/L	Q32383
cis-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q32383
Dibromomethane	ND	1	<0.5	µg/L	Q32383
Dichlorodifluoromethane	ND	2	<1	µg/L	Q32383
Ethylbenzene	ND	1	<0.5	µg/L	Q32383
Hexachlorobutadiene	ND	2	<1	µg/L	Q32383
Isopropyl ether (IPE)	ND	1	<0.5	µg/L	Q32383
Isopropylbenzene	ND	1	<0.5	µg/L	Q32383
m,p-Xylenes	ND	2	<1	µg/L	Q32383
Methyl ethyl ketone (MEK)	ND	5	<2.5	µg/L	Q32383
Methyl t-butyl ether (MTBE)	ND	1	<0.5	µg/L	Q32383
Methylene chloride	ND	2	<1	µg/L	Q32383
n-Butylbenzene	ND	1	<0.5	µg/L	Q32383
n-Propylbenzene	ND	1	<0.5	µg/L	Q32383
Naphthalene	ND	1	<0.5	µg/L	Q32383
o-Xylene	ND	1	<0.5	µg/L	Q32383
p-Isopropyltoluene	ND	1	<0.5	µg/L	Q32383
sec-Butylbenzene	ND	1	<0.5	µg/L	Q32383
Styrene	ND	1	<0.5	µg/L	Q32383
tert-Butylbenzene	ND	1	<0.5	µg/L	Q32383
Tetrachloroethene	ND	1	<0.5	µg/L	Q32383
Toluene	ND	1	<0.5	µg/L	Q32383
Total xylenes	ND	3	<1.5	µg/L	Q32383
trans-1,2-Dichloroethene	ND	2	<1	µg/L	Q32383
trans-1,3-Dichloropropene	ND	1	<0.5	µg/L	Q32383
Trichloroethene	ND	2	<1	µg/L	Q32383

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NC Certification No. 402
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Level II QC Report

5/16/08

N.C. Department of Transportation
 Attn: Kristen Lloyd
 c/o MACTEC Eng. & Consulting, Inc
 7347 West Friendly Ave. Suite E
 Greensboro, NC 27410

Project ID: High Point Rd.
 Project No.: WBS# 34802.1.1

COC Group Number: G0508059
 Date/Time Submitted: 5/2/08 16:10

Method Blank	Result	RL	Control Limit	Units	QC Batch ID
Trichlorofluoromethane	ND	2	<1	µg/L	Q32383
Vinyl acetate	ND	20	<10	µg/L	Q32383
Vinyl chloride	ND	2	<1	µg/L	Q32383

Laboratory Control Sample	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	63.37	50	µg/L	127	62-141	Q32383
Benzene	63.61	50	µg/L	127	70-141	Q32383
Chlorobenzene	50.91	50	µg/L	102	88-120	Q32383
Toluene	62.49	50	µg/L	125	78-130	Q32383
Trichloroethene	59.25	50	µg/L	119	78-124	Q32383

Matrix Spike	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
Sample ID: 213042 1,1-Dichloroethene	189.76	200	µg/L	95	54-140	Q32383
Benzene	204.24	200	µg/L	102	62-129	Q32383
Chlorobenzene	192.24	200	µg/L	96	64-127	Q32383
Toluene	201.04	200	µg/L	101	60-131	Q32383
Trichloroethene	199	200	µg/L	100	52-128	Q32383

Matrix Spike Duplicate	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
Sample ID: 213042 1,1-Dichloroethene	183.8	200	µg/L	92	54-140	3	0 - 20	Q32383
Benzene	197.6	200	µg/L	99	62-129	3	0 - 19	Q32383
Chlorobenzene	183.8	200	µg/L	92	64-127	4	0 - 20	Q32383
Toluene	195.64	200	µg/L	98	60-131	3	0 - 21	Q32383
Trichloroethene	190.32	200	µg/L	95	52-128	4	0 - 18	Q32383

#-See Case Narrative

PRISM LABORATORIES, INC.

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: MACIAC
 Report To/Contact Name: Kristen Lloyd
 Reporting Address: 7347 E West Kennedy Ave
Greensboro, NC 27410

Phone: 336-294-4231 Fax (Yes) (No):
 Email (Yes) (No) Email Address: khiloy@maciac.com
 EDD Type: PDF Excel Other
 Site Location Name: Dennis Howard Property
 Site Location Physical Address: 4806 High Point Rd
Greensboro NC

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING:
 Project Name: High Point Rd - WBS3482.1.1
 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:
 Address:

Purchase Order No./Billing Reference: WBS3482.1.1
 Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days
 "Working Days" 6-9 Days Standard 10 days 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

Samples INTACT upon arrival? YES NO N/A
 Received ON WET ICE? Temp 31
 PROPER PRESERVATIVES Indicated?
 Received WITHIN HOLDING TIMES?
 CUSTODY SEALS INTACT?
 VOLATILES rec'd W/OUT HEADSPACE?
 PROPER CONTAINERS used?

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				
B-1	4/29/08	1830	Soil	VOA, G	6/1		Solun Methoxy, B, B, B	✓		2132091
B-2	4/29/08	1430	Soil	VOA, G	6/1			✓		213210
B-3	4/29/08	1530	Soil	VOA, G	6/1			✓		213211
B-4	4/29/08	1615	Soil	VOA, G	6/1			✓		213212
B-5	4/29/08	1730	Soil	VOA, G	6/1			✓		213213
B-5W	4/29/08	1715	Wetbed	VOA, A	3/2			✓		213214
F-1	4/29/08	1640	Soil	VOA, G	6/1			✓		213215
B-6	4/30/08	1015	Soil	VOA, G	6/1			✓		213216
B-7	4/30/08	1045	Soil	VOA, G	6/1			✓		213217
B-8	4/30/08	1130	Soil	VOA, G	6/1			✓		213218

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: Kristen Lloyd Sampled By (Print Name): Kristen Lloyd Affiliation:
 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) Kristen Lloyd Date: 5/2/08 Military/Project No.: 985
 Relinquished By: (Signature) [Signature] Date: 5/2/08
 Relinquished By: (Signature) [Signature] Date: 5/2/08 COC Group No.: 605080589

Additional Comments:

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

Method of Shipment: 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.

Fed Ex UPS Hand-delivered Prism Field Service Other

NPDES: NC SC NC SC NC SC NC SC NC SC

DRINKING WATER: NC SC NC SC NC SC

SOLID WASTE: NC SC NC SC

RCRA: NC SC NC SC

CERCLA: NC SC NC SC

LANDFILL: NC SC NC SC

OTHER: NC SC NC SC

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

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
 Phone: 704/529-8384 • Fax: 704/525-0409

Client Company Name: MWH
 Report To/Contact Name: Kenster Lloyd
 Reporting Address: 7347 E West Pkwy Ave
Greensboro NC 27410

Phone: 336-294-4221 Fax (Yes) (No):
 Email (Yes) (No) Email Address: klloyd@mariec.com
 EDD Type: PDFX Excel Other

Site Location Name: Dennis Howard Property
 Site Location Physical Address: 4826 High Point Rd
Greensboro, NC

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING:

Project Name: High Point Rd WBS 34802.1.1

Short Hold Analysis: (Yes) (No) (No) (Yes) (Yes) (No) (No)

*Please ATTACH any project specific reporting (QC LEVEL I III IV) provisions and/or QC Requirements

Invoice To:
 Address:

Purchase Order No./Billing Reference WBS 34802.1.1

Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days

"Working Days" 6-8 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

Samples INTACT upon arrival? YES NO N/A
 Received ON WET ICE? Temp 3-5
 PROPER PRESERVATIVES indicated? YES
 Received WITHIN HOLDING TIMES? YES
 CUSTODY SEALS INTACT? YES
 VOLATILES rec'd W/OUT HEADSPACE? YES
 PROPER CONTAINERS used? YES

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				
B-9	4/30/08	1300	Soil	Van/ta	6/1	Van/ta	6/1		213219
B-10	4/30/08	1345	Soil	Van/ta	6/1	Van/ta	6/1		213220
B-11	4/30/08	1430	Soil	Van/ta	6/1	Van/ta	6/1		213221
F-2	4/30/08	1800	Soil	Van/ta	6/1	Van/ta	6/1		213221

PRESS DOWN FIRMLY - 3 COPIES

PRISM USE ONLY

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

Additional Comments:

Date 5/2/09 Military/Hours 9.50
 Date 5/2/09
 Date 5/2/09 CQC Group No. 60508059

Received For Prism Laboratory By: [Signature]

Received For Prism Laboratory By: [Signature]

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTOMER SEAL FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST CQC UNTIL RECEIVED AT THE LABORATORY.
 Fed Ex UPS Hand-delivered Prism Field Service Other

NPDES: NC SC NC SC NC SC NC SC NC SC

RCRA: NC SC NC SC NC SC

CERCLA: NC SC NC SC

OTHER: NC SC NC SC

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

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