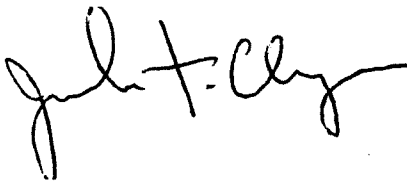


**PRELIMINARY SITE ASSESSMENT
Parcel # 84, Norma Jean Bowes Property
US 501 from NC 49 to SR 1521
Roxboro, Person County, North Carolina
TIP Project: R-2241A
WBS Element: 34406.1.1**

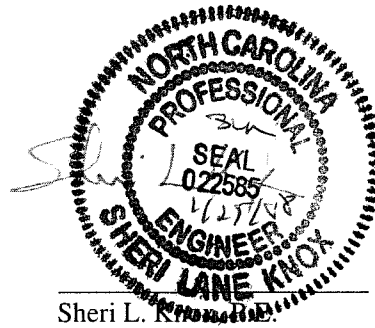
**Prepared for:
NC Department of Transportation
Geotechnical Engineering Unit
GeoEnvironmental Section
1589 Mail Service Center
Raleigh, North Carolina 27699-1589**

**Prepared by:
Solutions-IES
1101 Nowell Road
Raleigh, North Carolina 27607**

Solutions-IES Project No. 3970.07A3.NDOT



Joshua T. Clay
Environmental Technician



Sheri L. Knox
Project Manager

January 11, 2008

TABLE OF CONTENTS

1.0 INTRODUCTION..... 1

2.0 BACKGROUND AND SITE DESCRIPTION..... 1

3.0 FIELD ACTIVITIES..... 1

4.0 LABORATORY RESULTS..... 2

5.0 DISCUSSION 3

TABLES

TABLE 1 – SUMMARY OF FIELD SCREENING RESULTS FOR SOIL

FIGURES

FIGURE 1 – SITE LOCATION MAP

FIGURE 2 – DUMP AREA AND TEST PIT LOCATIONS

APPENDICES

APPENDIX A – PHOTOGRAPHS

APPENDIX B – GPS COORDINATES OF SAMPLE LOCATIONS

APPENDIX C – LABORATORY ANALYTICAL REPORTS

1.0 INTRODUCTION

Solutions-IES conducted a Preliminary Site Assessment (PSA) on the Norma Jean Bowes Property, NCDOT Parcel #84 (subject property), located in Roxboro, Person County, North Carolina. The North Carolina Department of Transportation (NCDOT) is planning to acquire a right-of-way for construction of the Roxboro Bypass northeast of the Town of Roxboro. This report summarizes the results of field and laboratory activities conducted during the PSA in this portion of the subject property. The location of the parcel is shown on **Figures 1** and **2**. The property was described as being located on US 501 from NC 49 to SR 1521 by NCDOT. The scope of work executed at the site was performed in general accordance with Solutions-IES proposal NC07720P-Revised, and was initiated based on a Notice to Proceed issued by the NCDOT Geotechnical Engineering Unit on received November 8, 2007 under contract 7000008011, dated May 31, 2007.

2.0 BACKGROUND AND SITE DESCRIPTION

According to NCDOT, the area of concern is an unauthorized dump located in the northern corner of Parcel 84. The dump area lies within the proposed right-of-way and consisted of an approximately 23 ft by 30 ft (7 m by 9 m) portion of land which appeared to be mostly covered/backfilled with soil. A small section of the dump area was open showing it to be a pit filled with construction debris. This area was partially filled with water from a recent rainfall. Photographs of the site are included in **Appendix A**.

3.0 FIELD ACTIVITIES

On November 27, 2007, Solutions-IES mobilized to the subject property to conduct the assessment. The scope of the assessment was prescribed by the NCDOT in its Request for Proposal dated October 16, 2007 and focused on potential impacts to soil resulting from the existence of debris located in the dump area. Five exploratory test pits were excavated with a backhoe in the vicinity of the dump area. The total depth of each test pit is identified in **Table 1**, and the test pit locations (TP-1 through TP-5) are shown on **Figure 2**. The GPS coordinates are provided **Appendix B**.

To evaluate the potential impact of the debris as a source of chemical contamination in soil, TP-1 was dug to a termination depth of 12 ft (3.7 m) below ground surface (bgs) and one sample was collected at that depth; soil samples were collected at 2-foot (0.7 m) intervals from TP-2 through TP-5, representing locations on the north, east, west and south sides of the dump area., respectively (**Figure 2**). Each of the soil samples was field-screened with a flame ionization detector (FID) and observed for the presence of petroleum staining or volatile vapors.

Table 1 shows the field screening results of the soils ranged from 0.0 to 39.4 parts per million (ppm). Because the depth of road construction in the vicinity of the dump area is expected to be approximately 3 ft (1 m) bgs, the soil sample from the 0 to 2 ft (0 to 0.7 m) bgs sample interval from each of the perimeter test pits was submitted for laboratory analysis. In addition, a sample from 8 to 10 ft (2.7 to 3.1 m) bgs at TP-2-8-10 was also submitted for laboratory analysis because there was a measureable response on the FID. A total of six soil samples were collected (**Table 1**) and placed in laboratory-supplied jars and stored on ice pending shipment to Prism Laboratories, Raleigh, NC on a standard turnaround basis. Prism Laboratories is the laboratory selected by NCDOT for East Central North Carolina including Person County.

The soil samples collected at the site were analyzed using the following analytical methods: total petroleum hydrocarbons diesel range organics and gasoline range organics (TPH DRO/GRO) by EPA Methods 3545/8015, organochlorine pesticides using EPA Method 8081, herbicides using EPA Method 8151, volatile organic compounds (VOCs) using EPA Method 8260, and semi-volatile compounds (SVOCs) using EPA Method 8270.

Unused excavated soil was placed back into the test pits. A groundwater assessment was not included in our scope of services.

4.0 LABORATORY RESULTS

No concentrations of TPH DRO/GRO, herbicides, pesticides, VOCs and SVOCs were detected in the soil samples above the soil to groundwater Maximum Soil Contaminant Concentrations (MSCCs). Acetone was reported in soil samples TP-4-0-2 (0.064 mg/kg) and TP-5-0-2 (0.097 mg/kg), but acetone is a common laboratory artifact and the low levels suggest that their existence may be due to the laboratory procedure rather than impacts to soil. Regardless, the

acetone concentrations are substantially below the MSCC of 2.81 mg/kg. No other parameters were detected above the laboratory reporting limit in any of the samples. The laboratory reports for the soil samples are included in **Appendix B**.

5.0 DISCUSSION

To screen the dump area for specified chemical contaminants, Solutions-IES advanced five test pits using a backhoe. The highest FID reading measured (39.4 ppm) was in the sample collected from beneath the test pit TP-1. Soil to groundwater MSCC levels provided in “Groundwater Section Guidelines for the Investigation and Remediation of Soil and Groundwater” (*State of North Carolina Department of Environment and Natural Resources [NCDENR], Division of Water Quality, Groundwater Section, July 2000*) were used to determine if an impact to soil has occurred and to guide response and abatement actions associated with such an impact. Laboratory analysis of six soil samples showed no concentrations of TPH DRO/GRO, herbicides, pesticides, VOCs or SVOCs above the soil to groundwater MSCCs. Additional assessment is not warranted at this time.

TABLE

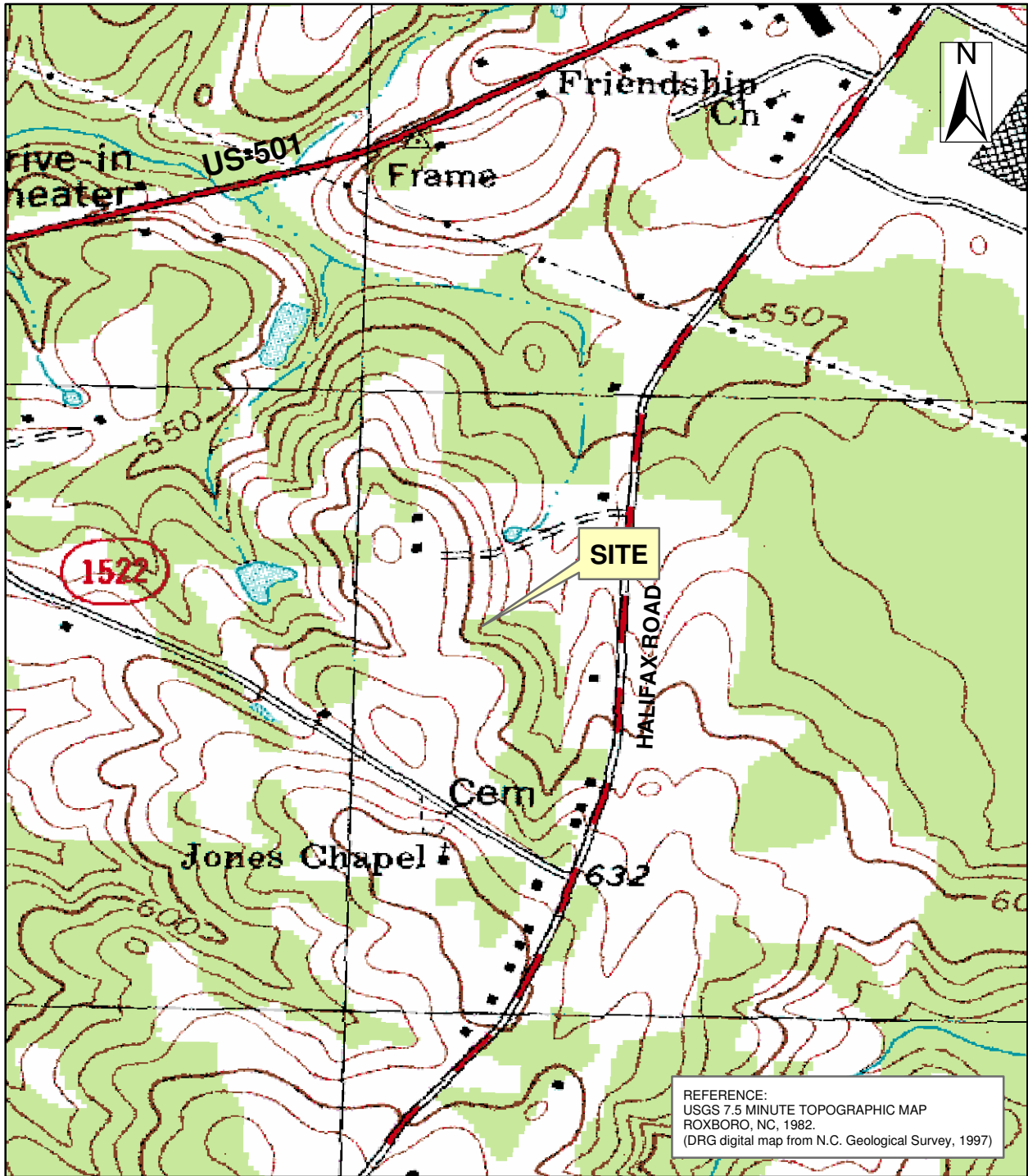
TABLE 1
Summary of Soil Screening Data
NCDOT Parcel #84 - Norma Jean Bowes Property
Roxboro, Person County, North Carolina
WBS #3406.1.1 NCDOT Project #R2241-A

Test Pit	Depth of Sample (ft bgs)	FID Reading (ppm)
TP-1	12	39.4
TP-2	0-2	0.0
	2-4	0.0
	4-6	0.0
	6-8	0.0
	8-10	4.3
TP-3	0-2	0.6
	2-4	0.4
	4-6	0.1
	6-8	0.0
	8-10	0.0
TP-4	0-2	0.0
	2-4	0.0
	4-6	0.0
	6-8	0.0
	8-10	0.0
	10-12	0.0
TP-5	0-2	0.0
	2-4	0.0
	4-6	0.0
	6-8	0.1
	8-10	0.1
	10-12	0.0

Samples collected on 11/27/2007

Shaded intervals submitted for laboratory analysis

FIGURES



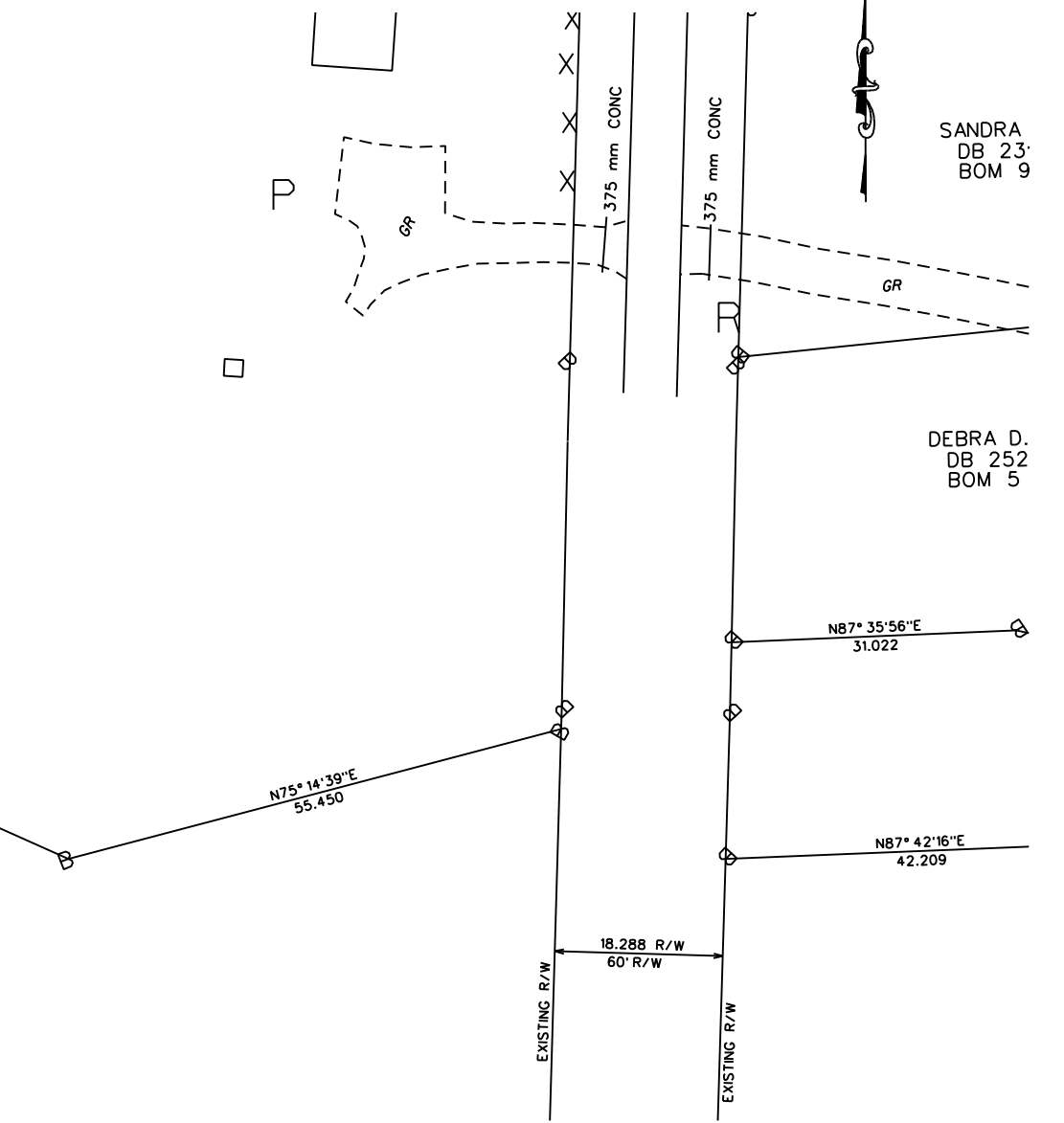
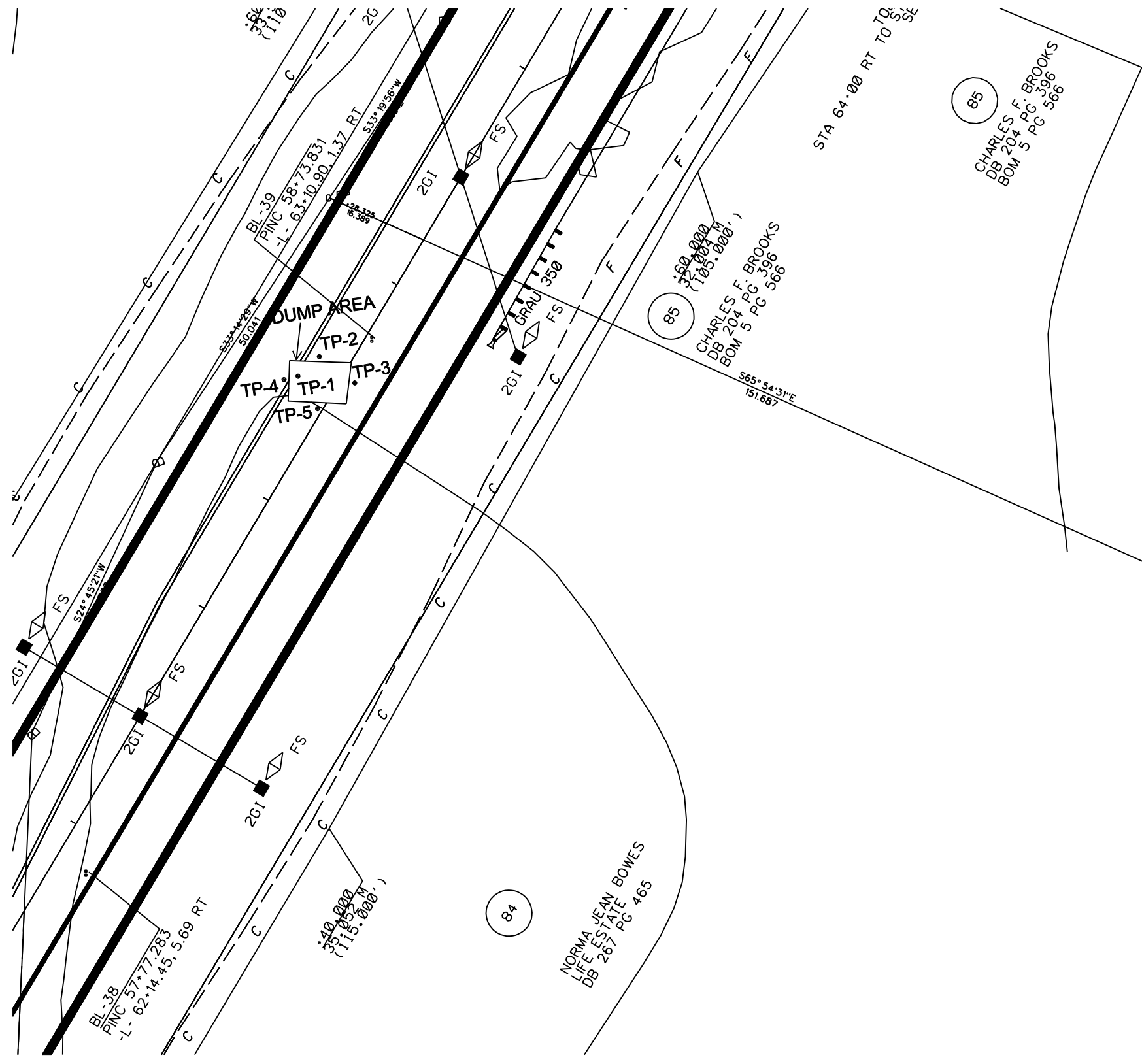
1 : 10,000

SITE LOCATION MAP
 PARCEL #84, NORMA JEAN BOWES PROPERTY
 US 501 FROM NC 49 TO SR 1521
 ROXBORO, PERSON COUNTY, NORTH CAROLINA
 WBS ELEMENT: 34406.1.1



1101 Nowell Road, Raleigh, NC 27607 Phone (919) 873-1060, Fax (919) 873-1074	
Created by: JC	Project: 3970.07A3.NDOT
Checked by: JD	Date: 11/14/07
File: Fig1.mxd	
Software: ESRI ArcMap 8.3	FIGURE 1

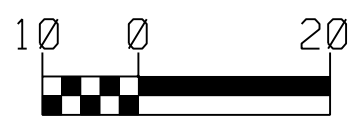
FILE: FIGURE2.DGN DATE: 1/04/08 PROJECT MANAGER: SK CHECKED BY: JD DRAFTER: JC PROJECT NUMBER: 3970.07A3.NDOT



LEGEND

● TP-3 TEST PIT LOCATION

Solutions-IES
 Industrial & Environmental Services
 1101 NOWELL ROAD
 RALEIGH, NORTH CAROLINA 27607
 TEL.: (919) 873-1060 FAX.: (919) 873-1074



DUMP AREA AND TEST PIT LOCATIONS
 PARCEL #84 NORMA JEAN BOWES PROPERTY
 US 501 FROM NC 49 TO SR 1521
 ROXBORO, PERSON COUNTY, NORTH CAROLINA
 WBS ELEMENT: 34406.1.1

FIGURE:
 2

APPENDIX A
PHOTOGRAPHS



Photograph 1 - Open portion of dump site.



Photograph 2 – Construction debris located within the open portion of the dump area.

APPENDIX B

GPS COORDINATES OF SAMPLE LOCATIONS

Appendix B
GPS Coordinates of Sample Locations
NCDOT Parcel #84 - Norma Jean Bowes Property
Roxboro, Person County, North Carolina
WBS #3406.1.1 NCDOT Project #R2241-A

Sample	Longitude	Latitude
TP-1	36°26'26.5"	78°56'02.7"
TP-2	36°26'26.7"	78°56'02.6"
TP-3	36°26'26.7"	78°56'02.5"
TP-4	36°26'26.4"	78°56'02.7"
TP-5	36°26'26.6"	78°56'02.9"

APPENDIX C
LABORATORY ANALYTICAL REPORTS



Case Narrative

Date: 12/17/07
Company: N. C. Department of Transportation
Contact: Jessica Dehart
Address: c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Client Project ID: NCDOT Parcel #84
Prism COC Group No: G1107761
Collection Date(s): 11/27/07
Lab Submittal Date(s): 11/29/07

Client Project Name Or No: Roxboro, NC WBS# 39406.1.1

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report, Quality Control and a Subcontracted Laboratory Report with corresponding Chain-of-Custody totaling 76 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

No Anomalies Reported

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: Paula A. Gilleland

Project Manager: Angela D. Overcash

Signature: *Paula A. Gilleland*

Signature: *Angela D. Overcash*

Review Date: 12/17/07

Approval Date: 12/17/07

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.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

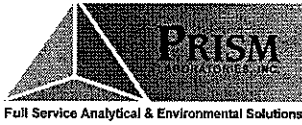
Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	75.9	%			1	SM2540 G	11/30/07 14:00	ddixon	
Organochlorine Pesticides by Gas Chromatography									
4,4'-DDD	BRL	µg/kg	2.6	0.80	1	8081A	12/13/07 12:38	jvogel	Q28825
4,4'-DDE	BRL	µg/kg	2.6	0.56	1	8081A	12/13/07 12:38	jvogel	Q28825
4,4'-DDT	BRL	µg/kg	2.6	0.95	1	8081A	12/13/07 12:38	jvogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	5.3	1.8	1	8081A	12/13/07 12:38	jvogel	Q28825
a-BHC	BRL	µg/kg	2.6	0.24	1	8081A	12/13/07 12:38	jvogel	Q28825
a-Chlordane	BRL	µg/kg	2.6	0.46	1	8081A	12/13/07 12:38	jvogel	Q28825
Aldrin	BRL	µg/kg	2.6	0.52	1	8081A	12/13/07 12:38	jvogel	Q28825
b-BHC	BRL	µg/kg	2.6	0.67	1	8081A	12/13/07 12:38	jvogel	Q28825
Chlordane	BRL	µg/kg	66	15	1	8081A	12/13/07 12:38	jvogel	Q28825
d-BHC	BRL	µg/kg	2.6	0.37	1	8081A	12/13/07 12:38	jvogel	Q28825
Dieldrin	BRL	µg/kg	1.3	0.55	1	8081A	12/13/07 12:38	jvogel	Q28825
Endosulfan I	BRL	µg/kg	2.6	0.47	1	8081A	12/13/07 12:38	jvogel	Q28825
Endosulfan II	BRL	µg/kg	2.6	0.59	1	8081A	12/13/07 12:38	jvogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.6	0.68	1	8081A	12/13/07 12:38	jvogel	Q28825
Endrin	BRL	µg/kg	2.6	0.79	1	8081A	12/13/07 12:38	jvogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.6	0.74	1	8081A	12/13/07 12:38	jvogel	Q28825
Endrin Ketone	BRL	µg/kg	2.6	0.52	1	8081A	12/13/07 12:38	jvogel	Q28825
g-BHC	BRL	µg/kg	2.6	0.31	1	8081A	12/13/07 12:38	jvogel	Q28825
g-Chlordane	BRL	µg/kg	2.6	0.43	1	8081A	12/13/07 12:38	jvogel	Q28825
Heptachlor	BRL	µg/kg	2.6	0.62	1	8081A	12/13/07 12:38	jvogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.6	0.48	1	8081A	12/13/07 12:38	jvogel	Q28825
Toxaphene	BRL	µg/kg	66	15	1	8081A	12/13/07 12:38	jvogel	Q28825

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0060	0.00045	1	8260B	12/03/07 14:54	Iwity	Q28537
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0060	0.00051	1	8260B	12/03/07 14:54	Iwity	Q28537
1,3-Dichlorobenzene	BRL	mg/kg	0.0060	0.00052	1	8260B	12/03/07 14:54	Iwity	Q28537
1,3-Dichloropropane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/03/07 14:54	Iwity	Q28537
1,4-Dichlorobenzene	BRL	mg/kg	0.0060	0.00047	1	8260B	12/03/07 14:54	Iwity	Q28537
2,2-Dichloropropane	BRL	mg/kg	0.0060	0.0003	1	8260B	12/03/07 14:54	Iwity	Q28537
2-Chlorotoluene	BRL	mg/kg	0.0060	0.00045	1	8260B	12/03/07 14:54	Iwity	Q28537
2-Hexanone	BRL	mg/kg	0.060	0.00063	1	8260B	12/03/07 14:54	Iwity	Q28537
4-Chlorotoluene	BRL	mg/kg	0.0060	0.00031	1	8260B	12/03/07 14:54	Iwity	Q28537
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.060	0.0006	1	8260B	12/03/07 14:54	Iwity	Q28537
Acetone	BRL	mg/kg	0.060	0.0024	1	8260B	12/03/07 14:54	Iwity	Q28537
Benzene	BRL	mg/kg	0.0036	0.00048	1	8260B	12/03/07 14:54	Iwity	Q28537
Bromobenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/03/07 14:54	Iwity	Q28537
Bromochloromethane	BRL	mg/kg	0.0060	0.00036	1	8260B	12/03/07 14:54	Iwity	Q28537
Bromodichloromethane	BRL	mg/kg	0.0060	0.00053	1	8260B	12/03/07 14:54	Iwity	Q28537
Bromoform	BRL	mg/kg	0.0060	0.00045	1	8260B	12/03/07 14:54	Iwity	Q28537
Bromomethane	BRL	mg/kg	0.012	0.0007	1	8260B	12/03/07 14:54	Iwity	Q28537
Carbon tetrachloride	BRL	mg/kg	0.0060	0.00035	1	8260B	12/03/07 14:54	Iwity	Q28537
Chlorobenzene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/03/07 14:54	Iwity	Q28537
Chlorodibromomethane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/03/07 14:54	Iwity	Q28537
Chloroethane	BRL	mg/kg	0.012	0.00049	1	8260B	12/03/07 14:54	Iwity	Q28537
Chloroform	BRL	mg/kg	0.0060	0.00045	1	8260B	12/03/07 14:54	Iwity	Q28537
Chloromethane	BRL	mg/kg	0.0060	0.00042	1	8260B	12/03/07 14:54	Iwity	Q28537
cis-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00027	1	8260B	12/03/07 14:54	Iwity	Q28537
cis-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00039	1	8260B	12/03/07 14:54	Iwity	Q28537
Dichlorodifluoromethane	BRL	mg/kg	0.0060	0.0014	1	8260B	12/03/07 14:54	Iwity	Q28537
Ethylbenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/03/07 14:54	Iwity	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0060	0.00021	1	8260B	12/03/07 14:54	Iwity	Q28537
Isopropylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/03/07 14:54	Iwity	Q28537
m,p-Xylenes	BRL	mg/kg	0.012	0.00084	1	8260B	12/03/07 14:54	Iwity	Q28537
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.12	0.0017	1	8260B	12/03/07 14:54	Iwity	Q28537
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.012	0.00035	1	8260B	12/03/07 14:54	Iwity	Q28537
Methylene chloride	BRL	mg/kg	0.0060	0.00049	1	8260B	12/03/07 14:54	Iwity	Q28537
n-Butylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/03/07 14:54	Iwity	Q28537
n-Propylbenzene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/03/07 14:54	Iwity	Q28537
Naphthalene	BRL	mg/kg	0.012	0.0007	1	8260B	12/03/07 14:54	Iwity	Q28537
o-Xylene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/03/07 14:54	Iwity	Q28537
p-Isopropyltoluene	BRL	mg/kg	0.0060	0.00049	1	8260B	12/03/07 14:54	Iwity	Q28537
sec-Butylbenzene	BRL	mg/kg	0.0060	0.0004	1	8260B	12/03/07 14:54	Iwity	Q28537
Styrene	BRL	mg/kg	0.0060	0.0006	1	8260B	12/03/07 14:54	Iwity	Q28537
tert-Butylbenzene	BRL	mg/kg	0.0060	0.00037	1	8260B	12/03/07 14:54	Iwity	Q28537
Tetrachloroethene	BRL	mg/kg	0.0060	0.0010	1	8260B	12/03/07 14:54	Iwity	Q28537
Toluene	BRL	mg/kg	0.0060	0.00041	1	8260B	12/03/07 14:54	Iwity	Q28537
trans-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/03/07 14:54	Iwity	Q28537
trans-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/03/07 14:54	Iwity	Q28537
Trichloroethene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/03/07 14:54	Iwity	Q28537
Trichlorofluoromethane	BRL	mg/kg	0.0060	0.00049	1	8260B	12/03/07 14:54	Iwity	Q28537
Vinyl acetate	BRL	mg/kg	0.030	0.0022	1	8260B	12/03/07 14:54	Iwity	Q28537
Vinyl chloride	BRL	mg/kg	0.0060	0.00077	1	8260B	12/03/07 14:54	Iwity	Q28537

Surrogate	% Recovery	Control Limits
Toluene-d8	99	81 - 128
Dibromofluoromethane	104	67 - 143
Bromofluorobenzene	104	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.43	0.048	1	8270C	12/05/07 20:41	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.43	0.048	1	8270C	12/05/07 20:41	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.43	0.042	1	8270C	12/05/07 20:41	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.43	0.052	1	8270C	12/05/07 20:41	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.43	0.051	1	8270C	12/05/07 20:41	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.43	0.046	1	8270C	12/05/07 20:41	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.43	0.028	1	8270C	12/05/07 20:41	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.43	0.064	1	8270C	12/05/07 20:41	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	2.2	0.13	1	8270C	12/05/07 20:41	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.43	0.057	1	8270C	12/05/07 20:41	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.43	0.078	1	8270C	12/05/07 20:41	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.43	0.054	1	8270C	12/05/07 20:41	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.43	0.018	1	8270C	12/05/07 20:41	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.43	0.048	1	8270C	12/05/07 20:41	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.43	0.035	1	8270C	12/05/07 20:41	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.43	0.061	1	8270C	12/05/07 20:41	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.43	0.051	1	8270C	12/05/07 20:41	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.86	0.078	1	8270C	12/05/07 20:41	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	2.2	0.037	1	8270C	12/05/07 20:41	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.43	0.054	1	8270C	12/05/07 20:41	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.86	0.051	1	8270C	12/05/07 20:41	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.43	0.032	1	8270C	12/05/07 20:41	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.43	0.054	1	8270C	12/05/07 20:41	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	2.2	0.055	1	8270C	12/05/07 20:41	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.43	0.059	1	8270C	12/05/07 20:41	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.43	0.041	1	8270C	12/05/07 20:41	rselph	Q28589
Anthracene	BRL	mg/kg	0.43	0.031	1	8270C	12/05/07 20:41	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	2.2	0.063	1	8270C	12/05/07 20:41	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.43	0.049	1	8270C	12/05/07 20:41	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.43	0.055	1	8270C	12/05/07 20:41	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.43	0.088	1	8270C	12/05/07 20:41	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.43	0.055	1	8270C	12/05/07 20:41	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.43	0.12	1	8270C	12/05/07 20:41	rselph	Q28589
Benzoic acid	BRL	mg/kg	2.2	0.18	1	8270C	12/05/07 20:41	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.86	0.034	1	8270C	12/05/07 20:41	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.43	0.073	1	8270C	12/05/07 20:41	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.43	0.054	1	8270C	12/05/07 20:41	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.43	0.043	1	8270C	12/05/07 20:41	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.43	0.033	1	8270C	12/05/07 20:41	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.43	0.053	1	8270C	12/05/07 20:41	rselph	Q28589
Chrysene	BRL	mg/kg	0.43	0.029	1	8270C	12/05/07 20:41	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.43	0.069	1	8270C	12/05/07 20:41	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.43	0.12	1	8270C	12/05/07 20:41	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.43	0.040	1	8270C	12/05/07 20:41	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.43	0.053	1	8270C	12/05/07 20:41	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.43	0.11	1	8270C	12/05/07 20:41	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.43	0.064	1	8270C	12/05/07 20:41	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.43	0.076	1	8270C	12/05/07 20:41	rselph	Q28589
Fluorene	BRL	mg/kg	0.43	0.062	1	8270C	12/05/07 20:41	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.43	0.059	1	8270C	12/05/07 20:41	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.43	0.043	1	8270C	12/05/07 20:41	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.43	0.064	1	8270C	12/05/07 20:41	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.43	0.018	1	8270C	12/05/07 20:41	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.43	0.041	1	8270C	12/05/07 20:41	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.43	0.041	1	8270C	12/05/07 20:41	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.43	0.025	1	8270C	12/05/07 20:41	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.43	0.063	1	8270C	12/05/07 20:41	rselph	Q28589
Naphthalene	BRL	mg/kg	0.43	0.052	1	8270C	12/05/07 20:41	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.43	0.054	1	8270C	12/05/07 20:41	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	2.2	0.066	1	8270C	12/05/07 20:41	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.43	0.037	1	8270C	12/05/07 20:41	rselph	Q28589
Phenol	BRL	mg/kg	0.43	0.076	1	8270C	12/05/07 20:41	rselph	Q28589
Pyrene	BRL	mg/kg	0.43	0.082	1	8270C	12/05/07 20:41	rselph	Q28589

Sample Preparation: 30.2 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	99	41 - 136
Phenol-d5	68	13 - 95
Nitrobenzene-d5	70	14 - 103
2-Fluorophenol	64	14 - 89
2-Fluorobiphenyl	77	21 - 108
2,4,6-Tribromophenol	83	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	9.1	1.1	1	8015B	12/05/07 7:52	jvogel	Q28582
-----------------------------	-----	-------	-----	-----	---	-------	---------------	--------	--------

Sample Preparation: 25.43 g / 1 mL 3545 12/03/07 12:15 woonder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	63	49 - 124

Sample Weight Determination

Weight 1	5.37	g	1	GRO	12/03/07 0:00	athao
Weight 2	5.88	g	1	GRO	12/03/07 0:00	athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-1-12
 Prism Sample ID 200033
 COC Group: G1107761
 Time Collected: 11/27/07 10:20
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.6	0.69	50	8015B	12/05/07 19:36	wbradley	Q28634

Surrogate	% Recovery	Control Limits
aaa-TFT	88	55 - 129

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



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	73.1	%			1	SM2540 G	11/30/07 14:00	ddixon	
Organochlorine Pesticides by Gas Chromatography									
4,4'-DDD	BRL	µg/kg	2.7	0.83	1	8081A	12/13/07 13:19	javogel	Q28825
4,4'-DDE	BRL	µg/kg	2.7	0.58	1	8081A	12/13/07 13:19	javogel	Q28825
4,4'-DDT	BRL	µg/kg	2.7	0.98	1	8081A	12/13/07 13:19	javogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	5.5	1.9	1	8081A	12/13/07 13:19	javogel	Q28825
a-BHC	BRL	µg/kg	2.7	0.25	1	8081A	12/13/07 13:19	javogel	Q28825
a-Chlordane	BRL	µg/kg	2.7	0.48	1	8081A	12/13/07 13:19	javogel	Q28825
Aldrin	BRL	µg/kg	2.7	0.54	1	8081A	12/13/07 13:19	javogel	Q28825
b-BHC	BRL	µg/kg	2.7	0.69	1	8081A	12/13/07 13:19	javogel	Q28825
Chlordane	BRL	µg/kg	68	15	1	8081A	12/13/07 13:19	javogel	Q28825
d-BHC	BRL	µg/kg	2.7	0.39	1	8081A	12/13/07 13:19	javogel	Q28825
Dieldrin	BRL	µg/kg	1.4	0.57	1	8081A	12/13/07 13:19	javogel	Q28825
Endosulfan I	BRL	µg/kg	2.7	0.49	1	8081A	12/13/07 13:19	javogel	Q28825
Endosulfan II	BRL	µg/kg	2.7	0.62	1	8081A	12/13/07 13:19	javogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.7	0.71	1	8081A	12/13/07 13:19	javogel	Q28825
Endrin	BRL	µg/kg	2.7	0.82	1	8081A	12/13/07 13:19	javogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.7	0.77	1	8081A	12/13/07 13:19	javogel	Q28825
Endrin Ketone	BRL	µg/kg	2.7	0.54	1	8081A	12/13/07 13:19	javogel	Q28825
g-BHC	BRL	µg/kg	2.7	0.32	1	8081A	12/13/07 13:19	javogel	Q28825
g-Chlordane	BRL	µg/kg	2.7	0.44	1	8081A	12/13/07 13:19	javogel	Q28825
Heptachlor	BRL	µg/kg	2.7	0.65	1	8081A	12/13/07 13:19	javogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.7	0.50	1	8081A	12/13/07 13:19	javogel	Q28825
Toxaphene	BRL	µg/kg	68	15	1	8081A	12/13/07 13:19	javogel	Q28825

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
 449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:				30.22 g /	10 mL	3550B	12/03/07 9:00	pbarr	P20197

Surrogate	% Recovery	Control Limits
Tetrachloro-m-xylene (TCMX)	110	40 - 162
Decachlorobiphenyl (DCB)	118	26 - 204

Chlorinated Herbicides by GC-ECD

Subcontract Report See Attached 1 8151A

* Analysis Note for Subcontract Report: Analysis subcontracted to NC certified lab # 618.

Sample Weight Determination

Weight Bisulfate 1	3.90	g			1	5035	12/03/07 0:00	lbrown
Weight Bisulfate 2	5.08	g			1	5035	12/03/07 0:00	lbrown
Weight Methanol	3.79	g			1	5035	12/03/07 0:00	lbrown

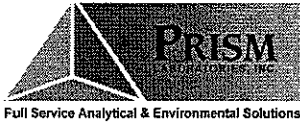
Volatile Organic Compounds by GC/MS

1,1,1-Trichloroethane	BRL	mg/kg	0.0088	0.00049	1	8260B	12/03/07 15:38	lwitry	Q28537
1,1,1,2-Tetrachloroethane	BRL	mg/kg	0.0088	0.00089	1	8260B	12/03/07 15:38	lwitry	Q28537
1,1,2-Trichloroethane	BRL	mg/kg	0.0088	0.00054	1	8260B	12/03/07 15:38	lwitry	Q28537
1,1-Dichloroethane	BRL	mg/kg	0.0088	0.00063	1	8260B	12/03/07 15:38	lwitry	Q28537
1,1-Dichloroethene	BRL	mg/kg	0.0088	0.00067	1	8260B	12/03/07 15:38	lwitry	Q28537
1,1-Dichloropropene	BRL	mg/kg	0.0088	0.00077	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2,3-Trichlorobenzene	BRL	mg/kg	0.0088	0.00096	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2,3-Trichloropropane	BRL	mg/kg	0.0088	0.00077	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2,4-Trichlorobenzene	BRL	mg/kg	0.0088	0.00084	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2,4-Trimethylbenzene	BRL	mg/kg	0.0088	0.00067	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2-Dibromoethane (EDB)	BRL	mg/kg	0.0088	0.00016	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2-Dichlorobenzene	BRL	mg/kg	0.0088	0.00047	1	8260B	12/03/07 15:38	lwitry	Q28537
1,2-Dichloroethane	BRL	mg/kg	0.0088	0.00088	1	8260B	12/03/07 15:38	lwitry	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0088	0.00065	1	8260B	12/03/07 15:38	lwitry	Q28537
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0088	0.00074	1	8260B	12/03/07 15:38	lwitry	Q28537
1,3-Dichlorobenzene	BRL	mg/kg	0.0088	0.00075	1	8260B	12/03/07 15:38	lwitry	Q28537
1,3-Dichloropropane	BRL	mg/kg	0.0088	0.0006	1	8260B	12/03/07 15:38	lwitry	Q28537
1,4-Dichlorobenzene	BRL	mg/kg	0.0088	0.00068	1	8260B	12/03/07 15:38	lwitry	Q28537
2,2-Dichloropropane	BRL	mg/kg	0.0088	0.00044	1	8260B	12/03/07 15:38	lwitry	Q28537
2-Chlorotoluene	BRL	mg/kg	0.0088	0.00065	1	8260B	12/03/07 15:38	lwitry	Q28537
2-Hexanone	BRL	mg/kg	0.088	0.00091	1	8260B	12/03/07 15:38	lwitry	Q28537
4-Chlorotoluene	BRL	mg/kg	0.0088	0.00046	1	8260B	12/03/07 15:38	lwitry	Q28537
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.088	0.00088	1	8260B	12/03/07 15:38	lwitry	Q28537
Acetone	BRL	mg/kg	0.088	0.0034	1	8260B	12/03/07 15:38	lwitry	Q28537
Benzene	BRL	mg/kg	0.0053	0.0007	1	8260B	12/03/07 15:38	lwitry	Q28537
Bromobenzene	BRL	mg/kg	0.0088	0.00061	1	8260B	12/03/07 15:38	lwitry	Q28537
Bromochloromethane	BRL	mg/kg	0.0088	0.00053	1	8260B	12/03/07 15:38	lwitry	Q28537
Bromodichloromethane	BRL	mg/kg	0.0088	0.00077	1	8260B	12/03/07 15:38	lwitry	Q28537
Bromoform	BRL	mg/kg	0.0088	0.00065	1	8260B	12/03/07 15:38	lwitry	Q28537
Bromomethane	BRL	mg/kg	0.018	0.0010	1	8260B	12/03/07 15:38	lwitry	Q28537
Carbon tetrachloride	BRL	mg/kg	0.0088	0.00051	1	8260B	12/03/07 15:38	lwitry	Q28537
Chlorobenzene	BRL	mg/kg	0.0088	0.00067	1	8260B	12/03/07 15:38	lwitry	Q28537
Chlorodibromomethane	BRL	mg/kg	0.0088	0.0006	1	8260B	12/03/07 15:38	lwitry	Q28537
Chloroethane	BRL	mg/kg	0.018	0.00072	1	8260B	12/03/07 15:38	lwitry	Q28537
Chloroform	BRL	mg/kg	0.0088	0.00065	1	8260B	12/03/07 15:38	lwitry	Q28537
Chloromethane	BRL	mg/kg	0.0088	0.00061	1	8260B	12/03/07 15:38	lwitry	Q28537
cis-1,2-Dichloroethene	BRL	mg/kg	0.0088	0.00039	1	8260B	12/03/07 15:38	lwitry	Q28537
cis-1,3-Dichloropropene	BRL	mg/kg	0.0088	0.00056	1	8260B	12/03/07 15:38	lwitry	Q28537
Dichlorodifluoromethane	BRL	mg/kg	0.0088	0.0020	1	8260B	12/03/07 15:38	lwitry	Q28537
Ethylbenzene	BRL	mg/kg	0.0088	0.00061	1	8260B	12/03/07 15:38	lwitry	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0088	0.0003	1	8260B	12/03/07 15:38	lwitry	Q28537
Isopropylbenzene	BRL	mg/kg	0.0088	0.0007	1	8260B	12/03/07 15:38	lwitry	Q28537
m,p-Xylenes	BRL	mg/kg	0.018	0.0012	1	8260B	12/03/07 15:38	lwitry	Q28537
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.18	0.0025	1	8260B	12/03/07 15:38	lwitry	Q28537
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.018	0.00051	1	8260B	12/03/07 15:38	lwitry	Q28537
Methylene chloride	BRL	mg/kg	0.0088	0.00072	1	8260B	12/03/07 15:38	lwitry	Q28537
n-Butylbenzene	BRL	mg/kg	0.0088	0.0007	1	8260B	12/03/07 15:38	lwitry	Q28537
n-Propylbenzene	BRL	mg/kg	0.0088	0.00053	1	8260B	12/03/07 15:38	lwitry	Q28537
Naphthalene	BRL	mg/kg	0.018	0.0010	1	8260B	12/03/07 15:38	lwitry	Q28537
o-Xylene	BRL	mg/kg	0.0088	0.00053	1	8260B	12/03/07 15:38	lwitry	Q28537
p-Isopropyltoluene	BRL	mg/kg	0.0088	0.00072	1	8260B	12/03/07 15:38	lwitry	Q28537
sec-Butylbenzene	BRL	mg/kg	0.0088	0.00058	1	8260B	12/03/07 15:38	lwitry	Q28537
Styrene	BRL	mg/kg	0.0088	0.00088	1	8260B	12/03/07 15:38	lwitry	Q28537
tert-Butylbenzene	BRL	mg/kg	0.0088	0.00054	1	8260B	12/03/07 15:38	lwitry	Q28537
Tetrachloroethene	BRL	mg/kg	0.0088	0.0015	1	8260B	12/03/07 15:38	lwitry	Q28537
Toluene	BRL	mg/kg	0.0088	0.0006	1	8260B	12/03/07 15:38	lwitry	Q28537
trans-1,2-Dichloroethene	BRL	mg/kg	0.0088	0.00067	1	8260B	12/03/07 15:38	lwitry	Q28537
trans-1,3-Dichloropropene	BRL	mg/kg	0.0088	0.00061	1	8260B	12/03/07 15:38	lwitry	Q28537
Trichloroethene	BRL	mg/kg	0.0088	0.00053	1	8260B	12/03/07 15:38	lwitry	Q28537
Trichlorofluoromethane	BRL	mg/kg	0.0088	0.00072	1	8260B	12/03/07 15:38	lwitry	Q28537
Vinyl acetate	BRL	mg/kg	0.044	0.0032	1	8260B	12/03/07 15:38	lwitry	Q28537
Vinyl chloride	BRL	mg/kg	0.0088	0.0011	1	8260B	12/03/07 15:38	lwitry	Q28537

Surrogate	% Recovery	Control Limits
Toluene-d8	102	81 - 128
Dibromofluoromethane	109	67 - 143
Bromofluorobenzene	104	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<u>Semi-volatile Organic Compounds by GC/MS</u>									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.45	0.050	1	8270C	12/05/07 21:30	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.45	0.050	1	8270C	12/05/07 21:30	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.45	0.044	1	8270C	12/05/07 21:30	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.45	0.054	1	8270C	12/05/07 21:30	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.45	0.053	1	8270C	12/05/07 21:30	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.45	0.048	1	8270C	12/05/07 21:30	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.45	0.029	1	8270C	12/05/07 21:30	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.45	0.067	1	8270C	12/05/07 21:30	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	2.2	0.13	1	8270C	12/05/07 21:30	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.45	0.059	1	8270C	12/05/07 21:30	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.45	0.081	1	8270C	12/05/07 21:30	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.45	0.056	1	8270C	12/05/07 21:30	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.45	0.019	1	8270C	12/05/07 21:30	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.45	0.050	1	8270C	12/05/07 21:30	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.45	0.036	1	8270C	12/05/07 21:30	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.45	0.063	1	8270C	12/05/07 21:30	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.45	0.053	1	8270C	12/05/07 21:30	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.90	0.081	1	8270C	12/05/07 21:30	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	2.2	0.039	1	8270C	12/05/07 21:30	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.45	0.056	1	8270C	12/05/07 21:30	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.90	0.053	1	8270C	12/05/07 21:30	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.45	0.033	1	8270C	12/05/07 21:30	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.45	0.057	1	8270C	12/05/07 21:30	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	2.2	0.057	1	8270C	12/05/07 21:30	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.45	0.061	1	8270C	12/05/07 21:30	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.45	0.042	1	8270C	12/05/07 21:30	rselph	Q28589
Anthracene	BRL	mg/kg	0.45	0.033	1	8270C	12/05/07 21:30	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

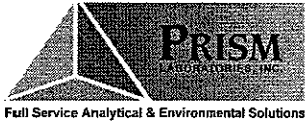
Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	2.2	0.066	1	8270C	12/05/07 21:30	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.45	0.051	1	8270C	12/05/07 21:30	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.45	0.057	1	8270C	12/05/07 21:30	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.45	0.092	1	8270C	12/05/07 21:30	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.45	0.057	1	8270C	12/05/07 21:30	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.45	0.12	1	8270C	12/05/07 21:30	rselph	Q28589
Benzoic acid	BRL	mg/kg	2.2	0.19	1	8270C	12/05/07 21:30	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.90	0.036	1	8270C	12/05/07 21:30	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.45	0.076	1	8270C	12/05/07 21:30	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.45	0.056	1	8270C	12/05/07 21:30	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.45	0.045	1	8270C	12/05/07 21:30	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.45	0.035	1	8270C	12/05/07 21:30	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.45	0.055	1	8270C	12/05/07 21:30	rselph	Q28589
Chrysene	BRL	mg/kg	0.45	0.030	1	8270C	12/05/07 21:30	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.45	0.072	1	8270C	12/05/07 21:30	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.45	0.13	1	8270C	12/05/07 21:30	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.45	0.042	1	8270C	12/05/07 21:30	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.45	0.055	1	8270C	12/05/07 21:30	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.45	0.12	1	8270C	12/05/07 21:30	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.45	0.067	1	8270C	12/05/07 21:30	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.45	0.079	1	8270C	12/05/07 21:30	rselph	Q28589
Fluorene	BRL	mg/kg	0.45	0.064	1	8270C	12/05/07 21:30	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.45	0.062	1	8270C	12/05/07 21:30	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.45	0.045	1	8270C	12/05/07 21:30	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.45	0.067	1	8270C	12/05/07 21:30	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.45	0.019	1	8270C	12/05/07 21:30	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.45	0.043	1	8270C	12/05/07 21:30	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.45	0.043	1	8270C	12/05/07 21:30	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.45	0.026	1	8270C	12/05/07 21:30	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.45	0.065	1	8270C	12/05/07 21:30	rselph	Q28589
Naphthalene	BRL	mg/kg	0.45	0.054	1	8270C	12/05/07 21:30	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.45	0.056	1	8270C	12/05/07 21:30	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	2.2	0.069	1	8270C	12/05/07 21:30	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.45	0.038	1	8270C	12/05/07 21:30	rselph	Q28589
Phenol	BRL	mg/kg	0.45	0.079	1	8270C	12/05/07 21:30	rselph	Q28589
Pyrene	BRL	mg/kg	0.45	0.086	1	8270C	12/05/07 21:30	rselph	Q28589

Sample Preparation: 30.16 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	101	41 - 136
Phenol-d5	75	13 - 95
Nitrobenzene-d5	79	14 - 103
2-Fluorophenol	67	14 - 89
2-Fluorobiphenyl	95	21 - 108
2,4,6-Tribromophenol	92	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	9.5	1.2	1	8015B	12/04/07 22:15	jvoegel	Q28582
-----------------------------	-----	-------	-----	-----	---	-------	----------------	---------	--------

Sample Preparation: 25.16 g / 1 mL 3545 12/03/07 12:15 wconder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	69	49 - 124

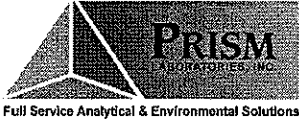
Sample Weight Determination

Weight 1	3.94	g	1	GRO	12/03/07 0:00	athao
Weight 2	4.24	g	1	GRO	12/03/07 0:00	athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-0-2
 Prism Sample ID 200034
 COC Group: G1107761
 Time Collected: 11/27/07 11:45
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.8	0.71	50	8015B	12/05/07 20:07	wbradley	Q28634

Surrogate	% Recovery	Control Limits
aaa-TFT	112	55 - 129

Sample Comment(s):

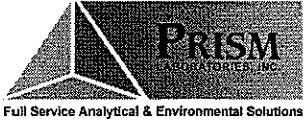
BRL = Below Reporting Limit

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



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID: TP-2-8-10
 Prism Sample ID: 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	80.1	%			1	SM2540 G	11/30/07 14:00	ddixon	
Organochlorine Pesticides by Gas Chromatography									
4,4'-DDD	BRL	µg/kg	2.5	0.76	1	8081A	12/13/07 14:00	jvogel	Q28825
4,4'-DDE	BRL	µg/kg	2.5	0.53	1	8081A	12/13/07 14:00	jvogel	Q28825
4,4'-DDT	BRL	µg/kg	2.5	0.90	1	8081A	12/13/07 14:00	jvogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	5.0	1.7	1	8081A	12/13/07 14:00	jvogel	Q28825
a-BHC	BRL	µg/kg	2.5	0.23	1	8081A	12/13/07 14:00	jvogel	Q28825
a-Chlordane	BRL	µg/kg	2.5	0.43	1	8081A	12/13/07 14:00	jvogel	Q28825
Aldrin	BRL	µg/kg	2.5	0.50	1	8081A	12/13/07 14:00	jvogel	Q28825
b-BHC	BRL	µg/kg	2.5	0.63	1	8081A	12/13/07 14:00	jvogel	Q28825
Chlordane	BRL	µg/kg	62	14	1	8081A	12/13/07 14:00	jvogel	Q28825
d-BHC	BRL	µg/kg	2.5	0.35	1	8081A	12/13/07 14:00	jvogel	Q28825
Dieldrin	BRL	µg/kg	1.2	0.52	1	8081A	12/13/07 14:00	jvogel	Q28825
Endosulfan I	BRL	µg/kg	2.5	0.44	1	8081A	12/13/07 14:00	jvogel	Q28825
Endosulfan II	BRL	µg/kg	2.5	0.56	1	8081A	12/13/07 14:00	jvogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.5	0.65	1	8081A	12/13/07 14:00	jvogel	Q28825
Endrin	BRL	µg/kg	2.5	0.75	1	8081A	12/13/07 14:00	jvogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.5	0.70	1	8081A	12/13/07 14:00	jvogel	Q28825
Endrin Ketone	BRL	µg/kg	2.5	0.49	1	8081A	12/13/07 14:00	jvogel	Q28825
g-BHC	BRL	µg/kg	2.5	0.29	1	8081A	12/13/07 14:00	jvogel	Q28825
g-Chlordane	BRL	µg/kg	2.5	0.41	1	8081A	12/13/07 14:00	jvogel	Q28825
Heptachlor	BRL	µg/kg	2.5	0.59	1	8081A	12/13/07 14:00	jvogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.5	0.46	1	8081A	12/13/07 14:00	jvogel	Q28825
Toxaphene	BRL	µg/kg	62	14	1	8081A	12/13/07 14:00	jvogel	Q28825

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
 449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-8-10
 Prism Sample ID 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0068	0.0005	1	8260B	12/03/07 17:49	Iwity	Q28537
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0068	0.00057	1	8260B	12/03/07 17:49	Iwity	Q28537
1,3-Dichlorobenzene	BRL	mg/kg	0.0068	0.00058	1	8260B	12/03/07 17:49	Iwity	Q28537
1,3-Dichloropropane	BRL	mg/kg	0.0068	0.00046	1	8260B	12/03/07 17:49	Iwity	Q28537
1,4-Dichlorobenzene	BRL	mg/kg	0.0068	0.00053	1	8260B	12/03/07 17:49	Iwity	Q28537
2,2-Dichloropropane	BRL	mg/kg	0.0068	0.00034	1	8260B	12/03/07 17:49	Iwity	Q28537
2-Chlorotoluene	BRL	mg/kg	0.0068	0.0005	1	8260B	12/03/07 17:49	Iwity	Q28537
2-Hexanone	BRL	mg/kg	0.068	0.0007	1	8260B	12/03/07 17:49	Iwity	Q28537
4-Chlorotoluene	BRL	mg/kg	0.0068	0.00035	1	8260B	12/03/07 17:49	Iwity	Q28537
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.068	0.00068	1	8260B	12/03/07 17:49	Iwity	Q28537
Acetone	BRL	mg/kg	0.068	0.0027	1	8260B	12/03/07 17:49	Iwity	Q28537
Benzene	BRL	mg/kg	0.0041	0.00054	1	8260B	12/03/07 17:49	Iwity	Q28537
Bromobenzene	BRL	mg/kg	0.0068	0.00047	1	8260B	12/03/07 17:49	Iwity	Q28537
Bromochloromethane	BRL	mg/kg	0.0068	0.00041	1	8260B	12/03/07 17:49	Iwity	Q28537
Bromodichloromethane	BRL	mg/kg	0.0068	0.0006	1	8260B	12/03/07 17:49	Iwity	Q28537
Bromoform	BRL	mg/kg	0.0068	0.0005	1	8260B	12/03/07 17:49	Iwity	Q28537
Bromomethane	BRL	mg/kg	0.014	0.00079	1	8260B	12/03/07 17:49	Iwity	Q28537
Carbon tetrachloride	BRL	mg/kg	0.0068	0.00039	1	8260B	12/03/07 17:49	Iwity	Q28537
Chlorobenzene	BRL	mg/kg	0.0068	0.00051	1	8260B	12/03/07 17:49	Iwity	Q28537
Chlorodibromomethane	BRL	mg/kg	0.0068	0.00046	1	8260B	12/03/07 17:49	Iwity	Q28537
Chloroethane	BRL	mg/kg	0.014	0.00056	1	8260B	12/03/07 17:49	Iwity	Q28537
Chloroform	BRL	mg/kg	0.0068	0.0005	1	8260B	12/03/07 17:49	Iwity	Q28537
Chloromethane	BRL	mg/kg	0.0068	0.00047	1	8260B	12/03/07 17:49	Iwity	Q28537
cis-1,2-Dichloroethene	BRL	mg/kg	0.0068	0.0003	1	8260B	12/03/07 17:49	Iwity	Q28537
cis-1,3-Dichloropropene	BRL	mg/kg	0.0068	0.00043	1	8260B	12/03/07 17:49	Iwity	Q28537
Dichlorodifluoromethane	BRL	mg/kg	0.0068	0.0015	1	8260B	12/03/07 17:49	Iwity	Q28537
Ethylbenzene	BRL	mg/kg	0.0068	0.00047	1	8260B	12/03/07 17:49	Iwity	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-8-10
 Prism Sample ID 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0068	0.00023	1	8260B	12/03/07 17:49	Iwity	Q28537
Isopropylbenzene	BRL	mg/kg	0.0068	0.00054	1	8260B	12/03/07 17:49	Iwity	Q28537
m,p-Xylenes	BRL	mg/kg	0.014	0.00095	1	8260B	12/03/07 17:49	Iwity	Q28537
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.14	0.0019	1	8260B	12/03/07 17:49	Iwity	Q28537
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.014	0.00039	1	8260B	12/03/07 17:49	Iwity	Q28537
Methylene chloride	BRL	mg/kg	0.0068	0.00056	1	8260B	12/03/07 17:49	Iwity	Q28537
n-Butylbenzene	BRL	mg/kg	0.0068	0.00054	1	8260B	12/03/07 17:49	Iwity	Q28537
n-Propylbenzene	BRL	mg/kg	0.0068	0.00041	1	8260B	12/03/07 17:49	Iwity	Q28537
Naphthalene	BRL	mg/kg	0.014	0.00079	1	8260B	12/03/07 17:49	Iwity	Q28537
o-Xylene	BRL	mg/kg	0.0068	0.00041	1	8260B	12/03/07 17:49	Iwity	Q28537
p-Isopropyltoluene	BRL	mg/kg	0.0068	0.00056	1	8260B	12/03/07 17:49	Iwity	Q28537
sec-Butylbenzene	BRL	mg/kg	0.0068	0.00045	1	8260B	12/03/07 17:49	Iwity	Q28537
Styrene	BRL	mg/kg	0.0068	0.00068	1	8260B	12/03/07 17:49	Iwity	Q28537
tert-Butylbenzene	BRL	mg/kg	0.0068	0.00042	1	8260B	12/03/07 17:49	Iwity	Q28537
Tetrachloroethene	BRL	mg/kg	0.0068	0.0012	1	8260B	12/03/07 17:49	Iwity	Q28537
Toluene	BRL	mg/kg	0.0068	0.00046	1	8260B	12/03/07 17:49	Iwity	Q28537
trans-1,2-Dichloroethene	BRL	mg/kg	0.0068	0.00051	1	8260B	12/03/07 17:49	Iwity	Q28537
trans-1,3-Dichloropropene	BRL	mg/kg	0.0068	0.00047	1	8260B	12/03/07 17:49	Iwity	Q28537
Trichloroethene	BRL	mg/kg	0.0068	0.00041	1	8260B	12/03/07 17:49	Iwity	Q28537
Trichlorofluoromethane	BRL	mg/kg	0.0068	0.00056	1	8260B	12/03/07 17:49	Iwity	Q28537
Vinyl acetate	BRL	mg/kg	0.034	0.0025	1	8260B	12/03/07 17:49	Iwity	Q28537
Vinyl chloride	BRL	mg/kg	0.0068	0.00087	1	8260B	12/03/07 17:49	Iwity	Q28537

Surrogate	% Recovery	Control Limits
Toluene-d8	97	81 - 128
Dibromofluoromethane	105	67 - 143
Bromofluorobenzene	102	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-8-10
 Prism Sample ID 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<u>Semi-volatile Organic Compounds by GC/MS</u>									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.41	0.045	1	8270C	12/05/07 23:29	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.41	0.045	1	8270C	12/05/07 23:29	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.41	0.040	1	8270C	12/05/07 23:29	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.41	0.049	1	8270C	12/05/07 23:29	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.41	0.049	1	8270C	12/05/07 23:29	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.41	0.044	1	8270C	12/05/07 23:29	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.41	0.027	1	8270C	12/05/07 23:29	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.41	0.061	1	8270C	12/05/07 23:29	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	2.1	0.12	1	8270C	12/05/07 23:29	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.41	0.054	1	8270C	12/05/07 23:29	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.41	0.074	1	8270C	12/05/07 23:29	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.41	0.051	1	8270C	12/05/07 23:29	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.41	0.017	1	8270C	12/05/07 23:29	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.41	0.046	1	8270C	12/05/07 23:29	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.41	0.033	1	8270C	12/05/07 23:29	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.41	0.058	1	8270C	12/05/07 23:29	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.41	0.048	1	8270C	12/05/07 23:29	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.82	0.074	1	8270C	12/05/07 23:29	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	2.1	0.035	1	8270C	12/05/07 23:29	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.41	0.051	1	8270C	12/05/07 23:29	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.82	0.049	1	8270C	12/05/07 23:29	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.41	0.030	1	8270C	12/05/07 23:29	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.41	0.052	1	8270C	12/05/07 23:29	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	2.1	0.052	1	8270C	12/05/07 23:29	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.41	0.056	1	8270C	12/05/07 23:29	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.41	0.039	1	8270C	12/05/07 23:29	rselph	Q28589
Anthracene	BRL	mg/kg	0.41	0.030	1	8270C	12/05/07 23:29	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-8-10
 Prism Sample ID 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	2.1	0.060	1	8270C	12/05/07 23:29	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.41	0.046	1	8270C	12/05/07 23:29	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.41	0.052	1	8270C	12/05/07 23:29	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.41	0.084	1	8270C	12/05/07 23:29	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.41	0.052	1	8270C	12/05/07 23:29	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.41	0.11	1	8270C	12/05/07 23:29	rselph	Q28589
Benzoic acid	BRL	mg/kg	2.1	0.17	1	8270C	12/05/07 23:29	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.82	0.033	1	8270C	12/05/07 23:29	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.41	0.069	1	8270C	12/05/07 23:29	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.41	0.051	1	8270C	12/05/07 23:29	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.41	0.041	1	8270C	12/05/07 23:29	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.41	0.032	1	8270C	12/05/07 23:29	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.41	0.051	1	8270C	12/05/07 23:29	rselph	Q28589
Chrysene	BRL	mg/kg	0.41	0.028	1	8270C	12/05/07 23:29	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.41	0.066	1	8270C	12/05/07 23:29	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.41	0.12	1	8270C	12/05/07 23:29	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.41	0.038	1	8270C	12/05/07 23:29	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.41	0.050	1	8270C	12/05/07 23:29	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.41	0.11	1	8270C	12/05/07 23:29	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.41	0.061	1	8270C	12/05/07 23:29	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.41	0.073	1	8270C	12/05/07 23:29	rselph	Q28589
Fluorene	BRL	mg/kg	0.41	0.058	1	8270C	12/05/07 23:29	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.41	0.056	1	8270C	12/05/07 23:29	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.41	0.041	1	8270C	12/05/07 23:29	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.41	0.061	1	8270C	12/05/07 23:29	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.41	0.017	1	8270C	12/05/07 23:29	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.41	0.039	1	8270C	12/05/07 23:29	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-2-8-10
 Prism Sample ID 200035
 COC Group: G1107761
 Time Collected: 11/27/07 12:40
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.41	0.039	1	8270C	12/05/07 23:29	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.41	0.024	1	8270C	12/05/07 23:29	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.41	0.059	1	8270C	12/05/07 23:29	rselph	Q28589
Naphthalene	BRL	mg/kg	0.41	0.049	1	8270C	12/05/07 23:29	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.41	0.051	1	8270C	12/05/07 23:29	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	2.1	0.063	1	8270C	12/05/07 23:29	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.41	0.035	1	8270C	12/05/07 23:29	rselph	Q28589
Phenol	BRL	mg/kg	0.41	0.072	1	8270C	12/05/07 23:29	rselph	Q28589
Pyrene	BRL	mg/kg	0.41	0.078	1	8270C	12/05/07 23:29	rselph	Q28589

Sample Preparation: 30.11 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	99	41 - 136
Phenol-d5	53	13 - 95
Nitrobenzene-d5	55	14 - 103
2-Fluorophenol	46	14 - 89
2-Fluorobiphenyl	67	21 - 108
2,4,6-Tribromophenol	79	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.6	1.1	1	8015B	12/04/07 22:53	jvoegel	Q28582
-----------------------------	-----	-------	-----	-----	---	-------	----------------	---------	--------

Sample Preparation: 25.31 g / 1 mL 3545 12/03/07 12:15 wconder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	73	49 - 124

Sample Weight Determination

Weight 1	4.25	g	1	GRO	12/03/07 0:00	athao
Weight 2	4.61	g	1	GRO	12/03/07 0:00	athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
Attn Jessica Dehart
c/o Solution - IES
1101 Nowell Road
Raleigh, NC 27607

Project Name: Roxboro, NC
Project ID: NCDOT Parcel #84
Project No.: WBS# 39406.1.1
Sample Matrix: Soil

Client Sample ID TP-2-8-10
Prism Sample ID 200035
COC Group: G1107761
Time Collected: 11/27/07 12:40
Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.2	0.65	50	8015B	12/05/07 20:39	wbradley	Q28634
				Surrogate		% Recovery		Control Limits	
				aaa-TFT		86		55 - 129	

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



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

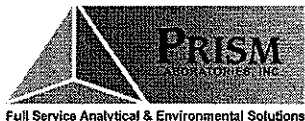
Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<u>Percent Solids Determination</u>									
Percent Solids	88.2	%			1	SM2540 G	11/30/07 14:00	ddixon	
<u>Organochlorine Pesticides by Gas Chromatography</u>									
4,4'-DDD	BRL	µg/kg	2.3	0.69	1	8081A	12/13/07 14:51	javogel	Q28825
4,4'-DDE	BRL	µg/kg	2.3	0.48	1	8081A	12/13/07 14:51	javogel	Q28825
4,4'-DDT	BRL	µg/kg	2.3	0.82	1	8081A	12/13/07 14:51	javogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	4.5	1.5	1	8081A	12/13/07 14:51	javogel	Q28825
a-BHC	BRL	µg/kg	2.3	0.21	1	8081A	12/13/07 14:51	javogel	Q28825
a-Chlordane	BRL	µg/kg	2.3	0.39	1	8081A	12/13/07 14:51	javogel	Q28825
Aldrin	BRL	µg/kg	2.3	0.45	1	8081A	12/13/07 14:51	javogel	Q28825
b-BHC	BRL	µg/kg	2.3	0.57	1	8081A	12/13/07 14:51	javogel	Q28825
Chlordane	BRL	µg/kg	57	13	1	8081A	12/13/07 14:51	javogel	Q28825
d-BHC	BRL	µg/kg	2.3	0.32	1	8081A	12/13/07 14:51	javogel	Q28825
Dieldrin	BRL	µg/kg	1.1	0.47	1	8081A	12/13/07 14:51	javogel	Q28825
Endosulfan I	BRL	µg/kg	2.3	0.40	1	8081A	12/13/07 14:51	javogel	Q28825
Endosulfan II	BRL	µg/kg	2.3	0.51	1	8081A	12/13/07 14:51	javogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.3	0.59	1	8081A	12/13/07 14:51	javogel	Q28825
Endrin	BRL	µg/kg	2.3	0.68	1	8081A	12/13/07 14:51	javogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.3	0.63	1	8081A	12/13/07 14:51	javogel	Q28825
Endrin Ketone	BRL	µg/kg	2.3	0.45	1	8081A	12/13/07 14:51	javogel	Q28825
g-BHC	BRL	µg/kg	2.3	0.26	1	8081A	12/13/07 14:51	javogel	Q28825
g-Chlordane	BRL	µg/kg	2.3	0.37	1	8081A	12/13/07 14:51	javogel	Q28825
Heptachlor	BRL	µg/kg	2.3	0.54	1	8081A	12/13/07 14:51	javogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.3	0.42	1	8081A	12/13/07 14:51	javogel	Q28825
Toxaphene	BRL	µg/kg	57	13	1	8081A	12/13/07 14:51	javogel	Q28825

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
 449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

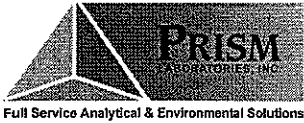
Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 16:21	lwitry	Q28537
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0054	0.00045	1	8260B	12/03/07 16:21	lwitry	Q28537
1,3-Dichlorobenzene	BRL	mg/kg	0.0054	0.00046	1	8260B	12/03/07 16:21	lwitry	Q28537
1,3-Dichloropropane	BRL	mg/kg	0.0054	0.00036	1	8260B	12/03/07 16:21	lwitry	Q28537
1,4-Dichlorobenzene	BRL	mg/kg	0.0054	0.00042	1	8260B	12/03/07 16:21	lwitry	Q28537
2,2-Dichloropropane	BRL	mg/kg	0.0054	0.00027	1	8260B	12/03/07 16:21	lwitry	Q28537
2-Chlorotoluene	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 16:21	lwitry	Q28537
2-Hexanone	BRL	mg/kg	0.054	0.00056	1	8260B	12/03/07 16:21	lwitry	Q28537
4-Chlorotoluene	BRL	mg/kg	0.0054	0.00028	1	8260B	12/03/07 16:21	lwitry	Q28537
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.054	0.00054	1	8260B	12/03/07 16:21	lwitry	Q28537
Acetone	BRL	mg/kg	0.054	0.0021	1	8260B	12/03/07 16:21	lwitry	Q28537
Benzene	BRL	mg/kg	0.0032	0.00043	1	8260B	12/03/07 16:21	lwitry	Q28537
Bromobenzene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 16:21	lwitry	Q28537
Bromochloromethane	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 16:21	lwitry	Q28537
Bromodichloromethane	BRL	mg/kg	0.0054	0.00047	1	8260B	12/03/07 16:21	lwitry	Q28537
Bromoform	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 16:21	lwitry	Q28537
Bromomethane	BRL	mg/kg	0.011	0.00062	1	8260B	12/03/07 16:21	lwitry	Q28537
Carbon tetrachloride	BRL	mg/kg	0.0054	0.00031	1	8260B	12/03/07 16:21	lwitry	Q28537
Chlorobenzene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 16:21	lwitry	Q28537
Chlorodibromomethane	BRL	mg/kg	0.0054	0.00036	1	8260B	12/03/07 16:21	lwitry	Q28537
Chloroethane	BRL	mg/kg	0.011	0.00044	1	8260B	12/03/07 16:21	lwitry	Q28537
Chloroform	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 16:21	lwitry	Q28537
Chloromethane	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 16:21	lwitry	Q28537
cis-1,2-Dichloroethene	BRL	mg/kg	0.0054	0.00024	1	8260B	12/03/07 16:21	lwitry	Q28537
cis-1,3-Dichloropropene	BRL	mg/kg	0.0054	0.00034	1	8260B	12/03/07 16:21	lwitry	Q28537
Dichlorodifluoromethane	BRL	mg/kg	0.0054	0.0012	1	8260B	12/03/07 16:21	lwitry	Q28537
Ethylbenzene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 16:21	lwitry	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0054	0.00018	1	8260B	12/03/07 16:21	lwitry	Q28537
Isopropylbenzene	BRL	mg/kg	0.0054	0.00043	1	8260B	12/03/07 16:21	lwitry	Q28537
m,p-Xylenes	BRL	mg/kg	0.011	0.00075	1	8260B	12/03/07 16:21	lwitry	Q28537
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.11	0.0015	1	8260B	12/03/07 16:21	lwitry	Q28537
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.011	0.00031	1	8260B	12/03/07 16:21	lwitry	Q28537
Methylene chloride	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 16:21	lwitry	Q28537
n-Butylbenzene	BRL	mg/kg	0.0054	0.00043	1	8260B	12/03/07 16:21	lwitry	Q28537
n-Propylbenzene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 16:21	lwitry	Q28537
Naphthalene	BRL	mg/kg	0.011	0.00062	1	8260B	12/03/07 16:21	lwitry	Q28537
o-Xylene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 16:21	lwitry	Q28537
p-Isopropyltoluene	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 16:21	lwitry	Q28537
sec-Butylbenzene	BRL	mg/kg	0.0054	0.00035	1	8260B	12/03/07 16:21	lwitry	Q28537
Styrene	BRL	mg/kg	0.0054	0.00054	1	8260B	12/03/07 16:21	lwitry	Q28537
tert-Butylbenzene	BRL	mg/kg	0.0054	0.00033	1	8260B	12/03/07 16:21	lwitry	Q28537
Tetrachloroethene	BRL	mg/kg	0.0054	0.00092	1	8260B	12/03/07 16:21	lwitry	Q28537
Toluene	BRL	mg/kg	0.0054	0.00036	1	8260B	12/03/07 16:21	lwitry	Q28537
trans-1,2-Dichloroethene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 16:21	lwitry	Q28537
trans-1,3-Dichloropropene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 16:21	lwitry	Q28537
Trichloroethene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 16:21	lwitry	Q28537
Trichlorofluoromethane	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 16:21	lwitry	Q28537
Vinyl acetate	BRL	mg/kg	0.027	0.0019	1	8260B	12/03/07 16:21	lwitry	Q28537
Vinyl chloride	BRL	mg/kg	0.0054	0.00069	1	8260B	12/03/07 16:21	lwitry	Q28537

Surrogate	% Recovery	Control Limits
Toluene-d8	99	81 - 128
Dibromofluoromethane	105	67 - 143
Bromofluorobenzene	112	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.37	0.041	1	8270C	12/05/07 13:15	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.37	0.041	1	8270C	12/05/07 13:15	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.37	0.036	1	8270C	12/05/07 13:15	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.37	0.045	1	8270C	12/05/07 13:15	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.37	0.044	1	8270C	12/05/07 13:15	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.37	0.040	1	8270C	12/05/07 13:15	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.37	0.024	1	8270C	12/05/07 13:15	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.37	0.056	1	8270C	12/05/07 13:15	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	1.9	0.11	1	8270C	12/05/07 13:15	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.37	0.049	1	8270C	12/05/07 13:15	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.37	0.067	1	8270C	12/05/07 13:15	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.37	0.047	1	8270C	12/05/07 13:15	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.37	0.016	1	8270C	12/05/07 13:15	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.37	0.042	1	8270C	12/05/07 13:15	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.37	0.030	1	8270C	12/05/07 13:15	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.37	0.053	1	8270C	12/05/07 13:15	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.37	0.044	1	8270C	12/05/07 13:15	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.75	0.068	1	8270C	12/05/07 13:15	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	1.9	0.032	1	8270C	12/05/07 13:15	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.37	0.047	1	8270C	12/05/07 13:15	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.75	0.044	1	8270C	12/05/07 13:15	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.37	0.028	1	8270C	12/05/07 13:15	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.37	0.047	1	8270C	12/05/07 13:15	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	1.9	0.048	1	8270C	12/05/07 13:15	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.37	0.051	1	8270C	12/05/07 13:15	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.37	0.035	1	8270C	12/05/07 13:15	rselph	Q28589
Anthracene	BRL	mg/kg	0.37	0.027	1	8270C	12/05/07 13:15	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	1.9	0.055	1	8270C	12/05/07 13:15	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.37	0.042	1	8270C	12/05/07 13:15	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.37	0.047	1	8270C	12/05/07 13:15	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.37	0.076	1	8270C	12/05/07 13:15	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.37	0.048	1	8270C	12/05/07 13:15	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.37	0.10	1	8270C	12/05/07 13:15	rselph	Q28589
Benzoic acid	BRL	mg/kg	1.9	0.16	1	8270C	12/05/07 13:15	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.75	0.030	1	8270C	12/05/07 13:15	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.37	0.063	1	8270C	12/05/07 13:15	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.37	0.046	1	8270C	12/05/07 13:15	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.37	0.037	1	8270C	12/05/07 13:15	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.37	0.029	1	8270C	12/05/07 13:15	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.37	0.046	1	8270C	12/05/07 13:15	rselph	Q28589
Chrysene	BRL	mg/kg	0.37	0.025	1	8270C	12/05/07 13:15	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.37	0.060	1	8270C	12/05/07 13:15	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.37	0.11	1	8270C	12/05/07 13:15	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.37	0.035	1	8270C	12/05/07 13:15	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.37	0.046	1	8270C	12/05/07 13:15	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.37	0.096	1	8270C	12/05/07 13:15	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.37	0.055	1	8270C	12/05/07 13:15	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.37	0.066	1	8270C	12/05/07 13:15	rselph	Q28589
Fluorene	BRL	mg/kg	0.37	0.053	1	8270C	12/05/07 13:15	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.37	0.051	1	8270C	12/05/07 13:15	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.37	0.037	1	8270C	12/05/07 13:15	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.37	0.056	1	8270C	12/05/07 13:15	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.37	0.015	1	8270C	12/05/07 13:15	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.37	0.035	1	8270C	12/05/07 13:15	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-3-0-2
 Prism Sample ID 200036
 COC Group: G1107761
 Time Collected: 11/27/07 14:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.37	0.036	1	8270C	12/05/07 13:15	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.37	0.022	1	8270C	12/05/07 13:15	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.37	0.054	1	8270C	12/05/07 13:15	rselph	Q28589
Naphthalene	BRL	mg/kg	0.37	0.045	1	8270C	12/05/07 13:15	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.37	0.047	1	8270C	12/05/07 13:15	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	1.9	0.057	1	8270C	12/05/07 13:15	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.37	0.032	1	8270C	12/05/07 13:15	rselph	Q28589
Phenol	BRL	mg/kg	0.37	0.066	1	8270C	12/05/07 13:15	rselph	Q28589
Pyrene	BRL	mg/kg	0.37	0.071	1	8270C	12/05/07 13:15	rselph	Q28589

Sample Preparation: 30.04 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	100	41 - 136
Phenol-d5	60	13 - 95
Nitrobenzene-d5	66	14 - 103
2-Fluorophenol	53	14 - 89
2-Fluorobiphenyl	77	21 - 108
2,4,6-Tribromophenol	94	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO) BRL mg/kg 7.9 0.99 1 8015B 12/04/07 23:32 jvoegel Q28582

Sample Preparation: 25.23 g / 1 mL 3545 12/03/07 12:15 wconder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	81	49 - 124

Sample Weight Determination

Weight 1 4.09 g 1 GRO 12/03/07 0:00 athao
 Weight 2 3.77 g 1 GRO 12/03/07 0:00 athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
Attn Jessica Dehart
c/o Solution - IES
1101 Nowell Road
Raleigh, NC 27607

Project Name: Roxboro, NC
Project ID: NCDOT Parcel #84
Project No.: WBS# 39406.1.1
Sample Matrix: Soil

Client Sample ID TP-3-0-2
Prism Sample ID 200036
COC Group: G1107761
Time Collected: 11/27/07 14:15
Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	5.7	0.59	50	8015B	12/05/07 21:11	wbradley	Q28634
<hr/>									
						Surrogate	% Recovery	Control Limits	
						aaa-TFT	109	55 - 129	

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



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<u>Percent Solids Determination</u>									
Percent Solids	90.3	%			1	SM2540 G	11/30/07 14:00	ddixon	
<u>Organochlorine Pesticides by Gas Chromatography</u>									
4,4'-DDD	BRL	µg/kg	2.2	0.68	1	8081A	12/13/07 15:30	jbvogel	Q28825
4,4'-DDE	BRL	µg/kg	2.2	0.47	1	8081A	12/13/07 15:30	jbvogel	Q28825
4,4'-DDT	BRL	µg/kg	2.2	0.80	1	8081A	12/13/07 15:30	jbvogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	4.4	1.5	1	8081A	12/13/07 15:30	jbvogel	Q28825
a-BHC	BRL	µg/kg	2.2	0.20	1	8081A	12/13/07 15:30	jbvogel	Q28825
a-Chlordane	BRL	µg/kg	2.2	0.39	1	8081A	12/13/07 15:30	jbvogel	Q28825
Aldrin	BRL	µg/kg	2.2	0.44	1	8081A	12/13/07 15:30	jbvogel	Q28825
b-BHC	BRL	µg/kg	2.2	0.56	1	8081A	12/13/07 15:30	jbvogel	Q28825
Chlordane	BRL	µg/kg	55	13	1	8081A	12/13/07 15:30	jbvogel	Q28825
d-BHC	BRL	µg/kg	2.2	0.31	1	8081A	12/13/07 15:30	jbvogel	Q28825
Dieldrin	BRL	µg/kg	1.1	0.46	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endosulfan I	BRL	µg/kg	2.2	0.39	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endosulfan II	BRL	µg/kg	2.2	0.50	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.2	0.57	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endrin	BRL	µg/kg	2.2	0.67	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.2	0.62	1	8081A	12/13/07 15:30	jbvogel	Q28825
Endrin Ketone	BRL	µg/kg	2.2	0.44	1	8081A	12/13/07 15:30	jbvogel	Q28825
g-BHC	BRL	µg/kg	2.2	0.26	1	8081A	12/13/07 15:30	jbvogel	Q28825
g-Chlordane	BRL	µg/kg	2.2	0.36	1	8081A	12/13/07 15:30	jbvogel	Q28825
Heptachlor	BRL	µg/kg	2.2	0.52	1	8081A	12/13/07 15:30	jbvogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.2	0.41	1	8081A	12/13/07 15:30	jbvogel	Q28825
Toxaphene	BRL	µg/kg	55	12	1	8081A	12/13/07 15:30	jbvogel	Q28825

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Preparation:				30.37 g	/ 10 mL	3550B	12/03/07 9:00	pbarr	P20197
				Surrogate		% Recovery		Control Limits	
				Tetrachloro-m-xylene (TCMX)		123		40 - 162	
				Decachlorobiphenyl (DCB)		96		26 - 204	

Chlorinated Herbicides by GC-ECD

Subcontract Report See Attached 1 8151A

* Analysis Note for Subcontract Report: Analysis subcontracted to NC certified lab # 618.

Sample Weight Determination

Weight Bisulfate 1	5.14	g			1	5035	12/03/07 0:00	lbrown
Weight Bisulfate 2	5.82	g			1	5035	12/03/07 0:00	lbrown
Weight Methanol	4.79	g			1	5035	12/03/07 0:00	lbrown

Volatile Organic Compounds by GC/MS

1,1,1-Trichloroethane	BRL	mg/kg	0.0054	0.0003	1	8260B	12/03/07 17:05	lwitry	Q28537
1,1,2,2-Tetrachloroethane	BRL	mg/kg	0.0054	0.00055	1	8260B	12/03/07 17:05	lwitry	Q28537
1,1,2-Trichloroethane	BRL	mg/kg	0.0054	0.00033	1	8260B	12/03/07 17:05	lwitry	Q28537
1,1-Dichloroethane	BRL	mg/kg	0.0054	0.00039	1	8260B	12/03/07 17:05	lwitry	Q28537
1,1-Dichloroethene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 17:05	lwitry	Q28537
1,1-Dichloropropene	BRL	mg/kg	0.0054	0.00047	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2,3-Trichlorobenzene	BRL	mg/kg	0.0054	0.00059	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2,3-Trichloropropane	BRL	mg/kg	0.0054	0.00047	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2,4-Trichlorobenzene	BRL	mg/kg	0.0054	0.00052	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2,4-Trimethylbenzene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2-Dibromoethane (EDB)	BRL	mg/kg	0.0054	0.000097	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2-Dichlorobenzene	BRL	mg/kg	0.0054	0.00029	1	8260B	12/03/07 17:05	lwitry	Q28537
1,2-Dichloroethane	BRL	mg/kg	0.0054	0.00054	1	8260B	12/03/07 17:05	lwitry	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 17:05	lwitry	Q28537
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0054	0.00045	1	8260B	12/03/07 17:05	lwitry	Q28537
1,3-Dichlorobenzene	BRL	mg/kg	0.0054	0.00046	1	8260B	12/03/07 17:05	lwitry	Q28537
1,3-Dichloropropane	BRL	mg/kg	0.0054	0.00037	1	8260B	12/03/07 17:05	lwitry	Q28537
1,4-Dichlorobenzene	BRL	mg/kg	0.0054	0.00042	1	8260B	12/03/07 17:05	lwitry	Q28537
2,2-Dichloropropane	BRL	mg/kg	0.0054	0.00027	1	8260B	12/03/07 17:05	lwitry	Q28537
2-Chlorotoluene	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 17:05	lwitry	Q28537
2-Hexanone	BRL	mg/kg	0.054	0.00056	1	8260B	12/03/07 17:05	lwitry	Q28537
4-Chlorotoluene	BRL	mg/kg	0.0054	0.00028	1	8260B	12/03/07 17:05	lwitry	Q28537
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.054	0.00054	1	8260B	12/03/07 17:05	lwitry	Q28537
Acetone	0.064	mg/kg	0.054	0.0021	1	8260B	12/03/07 17:05	lwitry	Q28537
Benzene	BRL	mg/kg	0.0032	0.00043	1	8260B	12/03/07 17:05	lwitry	Q28537
Bromobenzene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 17:05	lwitry	Q28537
Bromochloromethane	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 17:05	lwitry	Q28537
Bromodichloromethane	BRL	mg/kg	0.0054	0.00047	1	8260B	12/03/07 17:05	lwitry	Q28537
Bromoform	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 17:05	lwitry	Q28537
Bromomethane	BRL	mg/kg	0.011	0.00062	1	8260B	12/03/07 17:05	lwitry	Q28537
Carbon tetrachloride	BRL	mg/kg	0.0054	0.00031	1	8260B	12/03/07 17:05	lwitry	Q28537
Chlorobenzene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 17:05	lwitry	Q28537
Chlorodibromomethane	BRL	mg/kg	0.0054	0.00037	1	8260B	12/03/07 17:05	lwitry	Q28537
Chloroethane	BRL	mg/kg	0.011	0.00044	1	8260B	12/03/07 17:05	lwitry	Q28537
Chloroform	BRL	mg/kg	0.0054	0.0004	1	8260B	12/03/07 17:05	lwitry	Q28537
Chloromethane	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 17:05	lwitry	Q28537
cis-1,2-Dichloroethene	BRL	mg/kg	0.0054	0.00024	1	8260B	12/03/07 17:05	lwitry	Q28537
cis-1,3-Dichloropropene	BRL	mg/kg	0.0054	0.00034	1	8260B	12/03/07 17:05	lwitry	Q28537
Dichlorodifluoromethane	BRL	mg/kg	0.0054	0.0012	1	8260B	12/03/07 17:05	lwitry	Q28537
Ethylbenzene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 17:05	lwitry	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0054	0.00018	1	8260B	12/03/07 17:05	lwitry	Q28537
Isopropylbenzene	BRL	mg/kg	0.0054	0.00043	1	8260B	12/03/07 17:05	lwitry	Q28537
m,p-Xylenes	BRL	mg/kg	0.011	0.00075	1	8260B	12/03/07 17:05	lwitry	Q28537
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.11	0.0015	1	8260B	12/03/07 17:05	lwitry	Q28537
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.011	0.00031	1	8260B	12/03/07 17:05	lwitry	Q28537
Methylene chloride	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 17:05	lwitry	Q28537
n-Butylbenzene	BRL	mg/kg	0.0054	0.00043	1	8260B	12/03/07 17:05	lwitry	Q28537
n-Propylbenzene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 17:05	lwitry	Q28537
Naphthalene	BRL	mg/kg	0.011	0.00062	1	8260B	12/03/07 17:05	lwitry	Q28537
o-Xylene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 17:05	lwitry	Q28537
p-Isopropyltoluene	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 17:05	lwitry	Q28537
sec-Butylbenzene	BRL	mg/kg	0.0054	0.00036	1	8260B	12/03/07 17:05	lwitry	Q28537
Styrene	BRL	mg/kg	0.0054	0.00054	1	8260B	12/03/07 17:05	lwitry	Q28537
tert-Butylbenzene	BRL	mg/kg	0.0054	0.00033	1	8260B	12/03/07 17:05	lwitry	Q28537
Tetrachloroethene	BRL	mg/kg	0.0054	0.00093	1	8260B	12/03/07 17:05	lwitry	Q28537
Toluene	BRL	mg/kg	0.0054	0.00037	1	8260B	12/03/07 17:05	lwitry	Q28537
trans-1,2-Dichloroethene	BRL	mg/kg	0.0054	0.00041	1	8260B	12/03/07 17:05	lwitry	Q28537
trans-1,3-Dichloropropene	BRL	mg/kg	0.0054	0.00038	1	8260B	12/03/07 17:05	lwitry	Q28537
Trichloroethene	BRL	mg/kg	0.0054	0.00032	1	8260B	12/03/07 17:05	lwitry	Q28537
Trichlorofluoromethane	BRL	mg/kg	0.0054	0.00044	1	8260B	12/03/07 17:05	lwitry	Q28537
Vinyl acetate	BRL	mg/kg	0.027	0.0019	1	8260B	12/03/07 17:05	lwitry	Q28537
Vinyl chloride	BRL	mg/kg	0.0054	0.00069	1	8260B	12/03/07 17:05	lwitry	Q28537

Surrogate	% Recovery	Control Limits
Toluene-d8	97	81 - 128
Dibromofluoromethane	105	67 - 143
Bromofluorobenzene	103	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.36	0.040	1	8270C	12/06/07 0:19	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.36	0.040	1	8270C	12/06/07 0:19	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.36	0.035	1	8270C	12/06/07 0:19	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.36	0.044	1	8270C	12/06/07 0:19	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.36	0.043	1	8270C	12/06/07 0:19	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.36	0.039	1	8270C	12/06/07 0:19	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.36	0.024	1	8270C	12/06/07 0:19	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.36	0.054	1	8270C	12/06/07 0:19	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	1.8	0.11	1	8270C	12/06/07 0:19	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.36	0.048	1	8270C	12/06/07 0:19	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.36	0.066	1	8270C	12/06/07 0:19	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.36	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.36	0.015	1	8270C	12/06/07 0:19	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.36	0.041	1	8270C	12/06/07 0:19	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.36	0.029	1	8270C	12/06/07 0:19	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.36	0.051	1	8270C	12/06/07 0:19	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.36	0.043	1	8270C	12/06/07 0:19	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.73	0.066	1	8270C	12/06/07 0:19	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	1.8	0.031	1	8270C	12/06/07 0:19	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.36	0.045	1	8270C	12/06/07 0:19	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.73	0.043	1	8270C	12/06/07 0:19	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.36	0.027	1	8270C	12/06/07 0:19	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.36	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	1.8	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.36	0.049	1	8270C	12/06/07 0:19	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.36	0.034	1	8270C	12/06/07 0:19	rselph	Q28589
Anthracene	BRL	mg/kg	0.36	0.027	1	8270C	12/06/07 0:19	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	1.8	0.053	1	8270C	12/06/07 0:19	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.36	0.041	1	8270C	12/06/07 0:19	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.36	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.36	0.074	1	8270C	12/06/07 0:19	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.36	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.36	0.098	1	8270C	12/06/07 0:19	rselph	Q28589
Benzoic acid	BRL	mg/kg	1.8	0.15	1	8270C	12/06/07 0:19	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.73	0.029	1	8270C	12/06/07 0:19	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.36	0.062	1	8270C	12/06/07 0:19	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.36	0.045	1	8270C	12/06/07 0:19	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.36	0.037	1	8270C	12/06/07 0:19	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.36	0.028	1	8270C	12/06/07 0:19	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.36	0.045	1	8270C	12/06/07 0:19	rselph	Q28589
Chrysene	BRL	mg/kg	0.36	0.025	1	8270C	12/06/07 0:19	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.36	0.058	1	8270C	12/06/07 0:19	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.36	0.11	1	8270C	12/06/07 0:19	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.36	0.034	1	8270C	12/06/07 0:19	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.36	0.045	1	8270C	12/06/07 0:19	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.36	0.094	1	8270C	12/06/07 0:19	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.36	0.054	1	8270C	12/06/07 0:19	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.36	0.064	1	8270C	12/06/07 0:19	rselph	Q28589
Fluorene	BRL	mg/kg	0.36	0.052	1	8270C	12/06/07 0:19	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.36	0.050	1	8270C	12/06/07 0:19	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.36	0.036	1	8270C	12/06/07 0:19	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.36	0.054	1	8270C	12/06/07 0:19	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.36	0.015	1	8270C	12/06/07 0:19	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.36	0.035	1	8270C	12/06/07 0:19	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.36	0.035	1	8270C	12/06/07 0:19	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.36	0.021	1	8270C	12/06/07 0:19	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.36	0.053	1	8270C	12/06/07 0:19	rselph	Q28589
Naphthalene	BRL	mg/kg	0.36	0.044	1	8270C	12/06/07 0:19	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.36	0.046	1	8270C	12/06/07 0:19	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	1.8	0.056	1	8270C	12/06/07 0:19	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.36	0.031	1	8270C	12/06/07 0:19	rselph	Q28589
Phenol	BRL	mg/kg	0.36	0.064	1	8270C	12/06/07 0:19	rselph	Q28589
Pyrene	BRL	mg/kg	0.36	0.070	1	8270C	12/06/07 0:19	rselph	Q28589

Sample Preparation: 30.08 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	98	41 - 136
Phenol-d5	80	13 - 95
Nitrobenzene-d5	82	14 - 103
2-Fluorophenol	74	14 - 89
2-Fluorobiphenyl	93	21 - 108
2,4,6-Tribromophenol	88	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO) BRL mg/kg 7.7 0.97 1 8015B 12/04/07 16:29 jvogel Q28582

Sample Preparation: 25.14 g / 1 mL 3545 12/03/07 12:15 wconder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	71	49 - 124

Sample Weight Determination

Weight 1 4.90 g 1 GRO 12/03/07 0:00 athao
 Weight 2 4.64 g 1 GRO 12/03/07 0:00 athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-4-0-2
 Prism Sample ID 200037
 COC Group: G1107761
 Time Collected: 11/27/07 14:55
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	5.5	0.58	50	8015B	12/05/07 21:43	wbradley	Q28634

Surrogate	% Recovery	Control Limits
aaa-TFT	113	55 - 129

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



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	90.2	%			1	SM2540 G	11/30/07 14:00	ddixon	
Organochlorine Pesticides by Gas Chromatography									
4,4'-DDD	BRL	µg/kg	2.2	0.68	1	8081A	12/13/07 16:12	jvogel	Q28825
4,4'-DDE	BRL	µg/kg	2.2	0.47	1	8081A	12/13/07 16:12	jvogel	Q28825
4,4'-DDT	BRL	µg/kg	2.2	0.80	1	8081A	12/13/07 16:12	jvogel	Q28825
4,4'-Methoxychlor	BRL	µg/kg	4.4	1.5	1	8081A	12/13/07 16:12	jvogel	Q28825
a-BHC	BRL	µg/kg	2.2	0.20	1	8081A	12/13/07 16:12	jvogel	Q28825
a-Chlordane	BRL	µg/kg	2.2	0.39	1	8081A	12/13/07 16:12	jvogel	Q28825
Aldrin	BRL	µg/kg	2.2	0.44	1	8081A	12/13/07 16:12	jvogel	Q28825
b-BHC	BRL	µg/kg	2.2	0.56	1	8081A	12/13/07 16:12	jvogel	Q28825
Chlordane	BRL	µg/kg	55	13	1	8081A	12/13/07 16:12	jvogel	Q28825
d-BHC	BRL	µg/kg	2.2	0.31	1	8081A	12/13/07 16:12	jvogel	Q28825
Dieldrin	BRL	µg/kg	1.1	0.46	1	8081A	12/13/07 16:12	jvogel	Q28825
Endosulfan I	BRL	µg/kg	2.2	0.39	1	8081A	12/13/07 16:12	jvogel	Q28825
Endosulfan II	BRL	µg/kg	2.2	0.50	1	8081A	12/13/07 16:12	jvogel	Q28825
Endosulfan Sulfate	BRL	µg/kg	2.2	0.58	1	8081A	12/13/07 16:12	jvogel	Q28825
Endrin	BRL	µg/kg	2.2	0.67	1	8081A	12/13/07 16:12	jvogel	Q28825
Endrin Aldehyde	BRL	µg/kg	2.2	0.62	1	8081A	12/13/07 16:12	jvogel	Q28825
Endrin Ketone	BRL	µg/kg	2.2	0.44	1	8081A	12/13/07 16:12	jvogel	Q28825
g-BHC	BRL	µg/kg	2.2	0.26	1	8081A	12/13/07 16:12	jvogel	Q28825
g-Chlordane	BRL	µg/kg	2.2	0.36	1	8081A	12/13/07 16:12	jvogel	Q28825
Heptachlor	BRL	µg/kg	2.2	0.52	1	8081A	12/13/07 16:12	jvogel	Q28825
Heptachlor Epoxide	BRL	µg/kg	2.2	0.41	1	8081A	12/13/07 16:12	jvogel	Q28825
Toxaphene	BRL	µg/kg	55	12	1	8081A	12/13/07 16:12	jvogel	Q28825

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
1,2-Dichloropropane	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 13:06	erussell	Q28565
1,3,5-Trimethylbenzene	BRL	mg/kg	0.0060	0.0005	1	8260B	12/04/07 13:06	erussell	Q28565
1,3-Dichlorobenzene	BRL	mg/kg	0.0060	0.00052	1	8260B	12/04/07 13:06	erussell	Q28565
1,3-Dichloropropane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 13:06	erussell	Q28565
1,4-Dichlorobenzene	BRL	mg/kg	0.0060	0.00047	1	8260B	12/04/07 13:06	erussell	Q28565
2,2-Dichloropropane	BRL	mg/kg	0.0060	0.0003	1	8260B	12/04/07 13:06	erussell	Q28565
2-Chlorotoluene	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 13:06	erussell	Q28565
2-Hexanone	BRL	mg/kg	0.060	0.00062	1	8260B	12/04/07 13:06	erussell	Q28565
4-Chlorotoluene	BRL	mg/kg	0.0060	0.00031	1	8260B	12/04/07 13:06	erussell	Q28565
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.060	0.0006	1	8260B	12/04/07 13:06	erussell	Q28565
Acetone	0.097	mg/kg	0.060	0.0024	1	8260B	12/04/07 13:06	erussell	Q28565
Benzene	BRL	mg/kg	0.0036	0.00048	1	8260B	12/04/07 13:06	erussell	Q28565
Bromobenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 13:06	erussell	Q28565
Bromochloromethane	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 13:06	erussell	Q28565
Bromodichloromethane	BRL	mg/kg	0.0060	0.00053	1	8260B	12/04/07 13:06	erussell	Q28565
Bromoform	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 13:06	erussell	Q28565
Bromomethane	BRL	mg/kg	0.012	0.0007	1	8260B	12/04/07 13:06	erussell	Q28565
Carbon tetrachloride	BRL	mg/kg	0.0060	0.00035	1	8260B	12/04/07 13:06	erussell	Q28565
Chlorobenzene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 13:06	erussell	Q28565
Chlorodibromomethane	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 13:06	erussell	Q28565
Chloroethane	BRL	mg/kg	0.012	0.00049	1	8260B	12/04/07 13:06	erussell	Q28565
Chloroform	BRL	mg/kg	0.0060	0.00044	1	8260B	12/04/07 13:06	erussell	Q28565
Chloromethane	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 13:06	erussell	Q28565
cis-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00026	1	8260B	12/04/07 13:06	erussell	Q28565
cis-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00038	1	8260B	12/04/07 13:06	erussell	Q28565
Dichlorodifluoromethane	BRL	mg/kg	0.0060	0.0013	1	8260B	12/04/07 13:06	erussell	Q28565
Ethylbenzene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 13:06	erussell	Q28565

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isopropyl ether (IPE)	BRL	mg/kg	0.0060	0.0002	1	8260B	12/04/07 13:06	erussell	Q28565
Isopropylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/04/07 13:06	erussell	Q28565
m,p-Xylenes	BRL	mg/kg	0.012	0.00084	1	8260B	12/04/07 13:06	erussell	Q28565
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.12	0.0017	1	8260B	12/04/07 13:06	erussell	Q28565
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.012	0.00035	1	8260B	12/04/07 13:06	erussell	Q28565
Methylene chloride	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 13:06	erussell	Q28565
n-Butylbenzene	BRL	mg/kg	0.0060	0.00048	1	8260B	12/04/07 13:06	erussell	Q28565
n-Propylbenzene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 13:06	erussell	Q28565
Naphthalene	BRL	mg/kg	0.012	0.0007	1	8260B	12/04/07 13:06	erussell	Q28565
o-Xylene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 13:06	erussell	Q28565
p-Isopropyltoluene	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 13:06	erussell	Q28565
sec-Butylbenzene	BRL	mg/kg	0.0060	0.0004	1	8260B	12/04/07 13:06	erussell	Q28565
Styrene	BRL	mg/kg	0.0060	0.0006	1	8260B	12/04/07 13:06	erussell	Q28565
tert-Butylbenzene	BRL	mg/kg	0.0060	0.00037	1	8260B	12/04/07 13:06	erussell	Q28565
Tetrachloroethene	BRL	mg/kg	0.0060	0.0010	1	8260B	12/04/07 13:06	erussell	Q28565
Toluene	BRL	mg/kg	0.0060	0.00041	1	8260B	12/04/07 13:06	erussell	Q28565
trans-1,2-Dichloroethene	BRL	mg/kg	0.0060	0.00046	1	8260B	12/04/07 13:06	erussell	Q28565
trans-1,3-Dichloropropene	BRL	mg/kg	0.0060	0.00042	1	8260B	12/04/07 13:06	erussell	Q28565
Trichloroethene	BRL	mg/kg	0.0060	0.00036	1	8260B	12/04/07 13:06	erussell	Q28565
Trichlorofluoromethane	BRL	mg/kg	0.0060	0.00049	1	8260B	12/04/07 13:06	erussell	Q28565
Vinyl acetate	BRL	mg/kg	0.030	0.0022	1	8260B	12/04/07 13:06	erussell	Q28565
Vinyl chloride	BRL	mg/kg	0.0060	0.00077	1	8260B	12/04/07 13:06	erussell	Q28565

Surrogate	% Recovery	Control Limits
Toluene-d8	108	81 - 128
Dibromofluoromethane	109	67 - 143
Bromofluorobenzene	107	77 - 128

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Semi-volatile Organic Compounds by GC/MS									
1,2,4-Trichlorobenzene	BRL	mg/kg	0.37	0.041	1	8270C	12/06/07 8:52	rselph	Q28589
1,2-Dichlorobenzene	BRL	mg/kg	0.37	0.041	1	8270C	12/06/07 8:52	rselph	Q28589
1,3-Dichlorobenzene	BRL	mg/kg	0.37	0.036	1	8270C	12/06/07 8:52	rselph	Q28589
1,4-Dichlorobenzene	BRL	mg/kg	0.37	0.044	1	8270C	12/06/07 8:52	rselph	Q28589
2,4,5-Trichlorophenol	BRL	mg/kg	0.37	0.044	1	8270C	12/06/07 8:52	rselph	Q28589
2,4,6-Trichlorophenol	BRL	mg/kg	0.37	0.040	1	8270C	12/06/07 8:52	rselph	Q28589
2,4-Dichlorophenol	BRL	mg/kg	0.37	0.024	1	8270C	12/06/07 8:52	rselph	Q28589
2,4-Dimethylphenol	BRL	mg/kg	0.37	0.055	1	8270C	12/06/07 8:52	rselph	Q28589
2,4-Dinitrophenol	BRL	mg/kg	1.8	0.11	1	8270C	12/06/07 8:52	rselph	Q28589
2,4-Dinitrotoluene	BRL	mg/kg	0.37	0.049	1	8270C	12/06/07 8:52	rselph	Q28589
2,6-Dinitrotoluene	BRL	mg/kg	0.37	0.067	1	8270C	12/06/07 8:52	rselph	Q28589
2-Chloronaphthalene	BRL	mg/kg	0.37	0.046	1	8270C	12/06/07 8:52	rselph	Q28589
2-Chlorophenol	BRL	mg/kg	0.37	0.015	1	8270C	12/06/07 8:52	rselph	Q28589
2-Methylnaphthalene	BRL	mg/kg	0.37	0.041	1	8270C	12/06/07 8:52	rselph	Q28589
2-Methylphenol	BRL	mg/kg	0.37	0.030	1	8270C	12/06/07 8:52	rselph	Q28589
2-Nitrophenol	BRL	mg/kg	0.37	0.052	1	8270C	12/06/07 8:52	rselph	Q28589
3&4-Methylphenol	BRL	mg/kg	0.37	0.043	1	8270C	12/06/07 8:52	rselph	Q28589
3,3'-Dichlorobenzidine	BRL	mg/kg	0.74	0.067	1	8270C	12/06/07 8:52	rselph	Q28589
4,6-Dinitro-2-methylphenol	BRL	mg/kg	1.8	0.032	1	8270C	12/06/07 8:52	rselph	Q28589
4-Bromophenylphenylether	BRL	mg/kg	0.37	0.046	1	8270C	12/06/07 8:52	rselph	Q28589
4-Chloro-3-methylphenol	BRL	mg/kg	0.74	0.044	1	8270C	12/06/07 8:52	rselph	Q28589
4-Chloroaniline	BRL	mg/kg	0.37	0.027	1	8270C	12/06/07 8:52	rselph	Q28589
4-Chlorophenylphenylether	BRL	mg/kg	0.37	0.047	1	8270C	12/06/07 8:52	rselph	Q28589
4-Nitrophenol	BRL	mg/kg	1.8	0.047	1	8270C	12/06/07 8:52	rselph	Q28589
Acenaphthene	BRL	mg/kg	0.37	0.050	1	8270C	12/06/07 8:52	rselph	Q28589
Acenaphthylene	BRL	mg/kg	0.37	0.035	1	8270C	12/06/07 8:52	rselph	Q28589
Anthracene	BRL	mg/kg	0.37	0.027	1	8270C	12/06/07 8:52	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

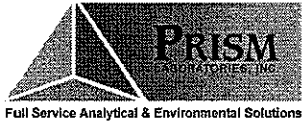
Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Azobenzene	BRL	mg/kg	1.8	0.054	1	8270C	12/06/07 8:52	rselph	Q28589
Benzo(a)anthracene	BRL	mg/kg	0.37	0.042	1	8270C	12/06/07 8:52	rselph	Q28589
Benzo(a)pyrene	BRL	mg/kg	0.37	0.047	1	8270C	12/06/07 8:52	rselph	Q28589
Benzo(b)fluoranthene	BRL	mg/kg	0.37	0.076	1	8270C	12/06/07 8:52	rselph	Q28589
Benzo(g,h,i)perylene	BRL	mg/kg	0.37	0.047	1	8270C	12/06/07 8:52	rselph	Q28589
Benzo(k)fluoranthene	BRL	mg/kg	0.37	0.099	1	8270C	12/06/07 8:52	rselph	Q28589
Benzoic acid	BRL	mg/kg	1.8	0.16	1	8270C	12/06/07 8:52	rselph	Q28589
Benzyl alcohol	BRL	mg/kg	0.74	0.029	1	8270C	12/06/07 8:52	rselph	Q28589
Bis(2-chloroethoxy)methane	BRL	mg/kg	0.37	0.062	1	8270C	12/06/07 8:52	rselph	Q28589
Bis(2-chloroethyl)ether	BRL	mg/kg	0.37	0.046	1	8270C	12/06/07 8:52	rselph	Q28589
Bis(2-chloroisopropyl)ether	BRL	mg/kg	0.37	0.037	1	8270C	12/06/07 8:52	rselph	Q28589
Bis(2-ethylhexyl)phthalate	BRL	mg/kg	0.37	0.029	1	8270C	12/06/07 8:52	rselph	Q28589
Butylbenzylphthalate	BRL	mg/kg	0.37	0.046	1	8270C	12/06/07 8:52	rselph	Q28589
Chrysene	BRL	mg/kg	0.37	0.025	1	8270C	12/06/07 8:52	rselph	Q28589
Di-n-butylphthalate	BRL	mg/kg	0.37	0.059	1	8270C	12/06/07 8:52	rselph	Q28589
Di-n-octylphthalate	BRL	mg/kg	0.37	0.11	1	8270C	12/06/07 8:52	rselph	Q28589
Dibenzo(a,h)anthracene	BRL	mg/kg	0.37	0.035	1	8270C	12/06/07 8:52	rselph	Q28589
Dibenzofuran	BRL	mg/kg	0.37	0.045	1	8270C	12/06/07 8:52	rselph	Q28589
Diethylphthalate	BRL	mg/kg	0.37	0.095	1	8270C	12/06/07 8:52	rselph	Q28589
Dimethylphthalate	BRL	mg/kg	0.37	0.055	1	8270C	12/06/07 8:52	rselph	Q28589
Fluoranthene	BRL	mg/kg	0.37	0.065	1	8270C	12/06/07 8:52	rselph	Q28589
Fluorene	BRL	mg/kg	0.37	0.053	1	8270C	12/06/07 8:52	rselph	Q28589
Hexachlorobenzene	BRL	mg/kg	0.37	0.051	1	8270C	12/06/07 8:52	rselph	Q28589
Hexachlorobutadiene	BRL	mg/kg	0.37	0.037	1	8270C	12/06/07 8:52	rselph	Q28589
Hexachlorocyclopentadiene	BRL	mg/kg	0.37	0.055	1	8270C	12/06/07 8:52	rselph	Q28589
Hexachloroethane	BRL	mg/kg	0.37	0.015	1	8270C	12/06/07 8:52	rselph	Q28589
Indeno(1,2,3-cd)pyrene	BRL	mg/kg	0.37	0.035	1	8270C	12/06/07 8:52	rselph	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
 Attn Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1
 Sample Matrix: Soil

Client Sample ID TP-5-0-2
 Prism Sample ID 200038
 COC Group: G1107761
 Time Collected: 11/27/07 15:15
 Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Isophorone	BRL	mg/kg	0.37	0.035	1	8270C	12/06/07 8:52	rselph	Q28589
N-Nitrosodi-n-propylamine	BRL	mg/kg	0.37	0.022	1	8270C	12/06/07 8:52	rselph	Q28589
N-Nitrosodiphenylamine	BRL	mg/kg	0.37	0.054	1	8270C	12/06/07 8:52	rselph	Q28589
Naphthalene	BRL	mg/kg	0.37	0.044	1	8270C	12/06/07 8:52	rselph	Q28589
Nitrobenzene	BRL	mg/kg	0.37	0.046	1	8270C	12/06/07 8:52	rselph	Q28589
Pentachlorophenol	BRL	mg/kg	1.8	0.056	1	8270C	12/06/07 8:52	rselph	Q28589
Phenanthrene	BRL	mg/kg	0.37	0.031	1	8270C	12/06/07 8:52	rselph	Q28589
Phenol	BRL	mg/kg	0.37	0.065	1	8270C	12/06/07 8:52	rselph	Q28589
Pyrene	BRL	mg/kg	0.37	0.071	1	8270C	12/06/07 8:52	rselph	Q28589

Sample Preparation: 29.67 g / 1 mL 3550B 12/04/07 10:00 pbarr P20205

Surrogate	% Recovery	Control Limits
Terphenyl-d14	96	41 - 136
Phenol-d5	76	13 - 95
Nitrobenzene-d5	81	14 - 103
2-Fluorophenol	65	14 - 89
2-Fluorobiphenyl	94	21 - 108
2,4,6-Tribromophenol	88	25 - 123

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO) BRL mg/kg 7.8 0.98 1 8015B 12/05/07 0:49 jvogel Q28582

Sample Preparation: 25.01 g / 1 mL 3545 12/03/07 12:15 wconder P20203

Surrogate	% Recovery	Control Limits
o-Terphenyl	81	49 - 124

Sample Weight Determination

Weight 1 4.57 g 1 GRO 12/03/07 0:00 athao

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Laboratory Report

12/17/07

N. C. Department of Transportation
Attn Jessica Dehart
c/o Solution - IES
1101 Nowell Road
Raleigh, NC 27607

Project Name: Roxboro, NC
Project ID: NCDOT Parcel #84
Project No.: WBS# 39406.1.1
Sample Matrix: Soil

Client Sample ID TP-5-0-2
Prism Sample ID 200038
COC Group: G1107761
Time Collected: 11/27/07 15:15
Time Submitted: 11/29/07 16:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	5.5	0.58	50	8015B	12/05/07 22:14	wbradley	Q28634

Surrogate	% Recovery	Control Limits
aaa-TFT	104	55 - 129

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



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

Level II QC Report

12/17/07

N. C. Department of Transportation
Attn: Jessica Dehart
c/o Solution - IES
1101 Nowell Road
Raleigh, NC 27607

Project Name: Roxboro, NC
Project ID: NCDOT Parcel #84
Project No.: WBS# 39406.1.1

COC Group Number: G1107761
Date/Time Submitted: 11/29/07 16:45

Volatile Organic Compounds by GC/MS, method 8260B

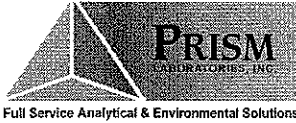
Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
1,1,1-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q28537
1,1,2,2-Tetrachloroethane	ND	0.005	<0.0025	mg/kg	Q28537
1,1,2-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q28537
1,1-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28537
1,1-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28537
1,1-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28537
1,2,3-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,2,3-Trichloropropane	ND	0.005	<0.0025	mg/kg	Q28537
1,2,4-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,2,4-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,2-Dibromoethane (EDB)	ND	0.005	<0.0025	mg/kg	Q28537
1,2-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,2-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28537
1,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28537
1,3,5-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,3-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
1,3-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28537
1,4-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
2,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28537
2-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28537
2-Hexanone	ND	0.05	<0.025	mg/kg	Q28537
4-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28537
4-Methyl-2-pentanone (MIBK)	ND	0.05	<0.025	mg/kg	Q28537
Acetone	ND	0.05	<0.025	mg/kg	Q28537
Benzene	ND	0.003	<0.0015	mg/kg	Q28537
Bromobenzene	ND	0.005	<0.0025	mg/kg	Q28537
Bromochloromethane	ND	0.005	<0.0025	mg/kg	Q28537
Bromodichloromethane	ND	0.005	<0.0025	mg/kg	Q28537
Bromoform	ND	0.005	<0.0025	mg/kg	Q28537
Bromomethane	ND	0.01	<0.005	mg/kg	Q28537
Carbon tetrachloride	ND	0.005	<0.0025	mg/kg	Q28537
Chlorobenzene	ND	0.005	<0.0025	mg/kg	Q28537
Chlorodibromomethane	ND	0.005	<0.0025	mg/kg	Q28537
Chloroethane	ND	0.01	<0.005	mg/kg	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Method Blank

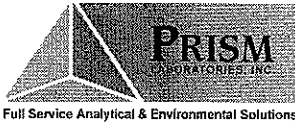
	Result	RL	Control Limit	Units	QC Batch ID
Chloroform	ND	0.005	<0.0025	mg/kg	Q28537
Chloromethane	ND	0.005	<0.0025	mg/kg	Q28537
cis-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28537
cis-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28537
Dichlorodifluoromethane	ND	0.005	<0.0025	mg/kg	Q28537
Ethylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
Isopropyl ether (IPE)	ND	0.005	<0.0025	mg/kg	Q28537
Isopropylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
m,p-Xylenes	ND	0.01	<0.005	mg/kg	Q28537
Methyl ethyl ketone (MEK)	ND	0.1	<0.05	mg/kg	Q28537
Methyl t-butyl ether (MTBE)	ND	0.01	<0.005	mg/kg	Q28537
Methylene chloride	ND	0.005	<0.0025	mg/kg	Q28537
n-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
n-Propylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
Naphthalene	ND	0.01	<0.005	mg/kg	Q28537
o-Xylene	ND	0.005	<0.0025	mg/kg	Q28537
p-Isopropyltoluene	ND	0.005	<0.0025	mg/kg	Q28537
sec-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
Styrene	ND	0.005	<0.0025	mg/kg	Q28537
tert-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28537
Tetrachloroethene	ND	0.005	<0.0025	mg/kg	Q28537
Toluene	ND	0.005	<0.0025	mg/kg	Q28537
trans-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28537
trans-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28537
Trichloroethene	ND	0.005	<0.0025	mg/kg	Q28537
Trichlorofluoromethane	ND	0.005	<0.0025	mg/kg	Q28537
Vinyl acetate	ND	0.025	<0.0125	mg/kg	Q28537
Vinyl chloride	ND	0.005	<0.0025	mg/kg	Q28537

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	0.05281	0.05	mg/kg	106	57-122	Q28537
Benzene	0.04886	0.05	mg/kg	98	62-119	Q28537
Chlorobenzene	0.04782	0.05	mg/kg	96	61-124	Q28537
Toluene	0.0475	0.05	mg/kg	95	57-122	Q28537
Trichloroethene	0.04983	0.05	mg/kg	100	59-129	Q28537

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.
 449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
199959 1,1-Dichloroethene	0.04378	0.05	mg/kg	88	44-140	Q28537
Benzene	0.04001	0.05	mg/kg	80	46-136	Q28537
Chlorobenzene	0.03737	0.05	mg/kg	75	47-135	Q28537
Toluene	0.03876	0.05	mg/kg	78	47-136	Q28537
Trichloroethene	0.04051	0.05	mg/kg	81	45-141	Q28537

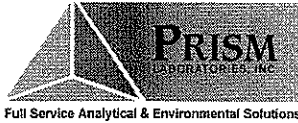
Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
199959 1,1-Dichloroethene	0.04275	0.05	mg/kg	86	44-140	2	0 - 23	Q28537
Benzene	0.03939	0.05	mg/kg	79	46-136	2	0 - 22	Q28537
Chlorobenzene	0.03661	0.05	mg/kg	73	47-135	2	0 - 22	Q28537
Toluene	0.03813	0.05	mg/kg	76	47-136	2	0 - 22	Q28537
Trichloroethene	0.04012	0.05	mg/kg	80	45-141	1	0 - 23	Q28537

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

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	Q28565
1,1,2,2-Tetrachloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1,2-Trichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565
1,1-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,3-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,3-Trichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,2,4-Trichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2,4-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dibromoethane (EDB)	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichloroethane	ND	0.005	<0.0025	mg/kg	Q28565
1,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,3,5-Trimethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,3-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
1,3-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
1,4-Dichlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
2,2-Dichloropropane	ND	0.005	<0.0025	mg/kg	Q28565
2-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28565
2-Hexanone	ND	0.05	<0.025	mg/kg	Q28565
4-Chlorotoluene	ND	0.005	<0.0025	mg/kg	Q28565
4-Methyl-2-pentanone (MIBK)	ND	0.05	<0.025	mg/kg	Q28565
Acetone	ND	0.05	<0.025	mg/kg	Q28565
Benzene	ND	0.003	<0.0015	mg/kg	Q28565
Bromobenzene	ND	0.005	<0.0025	mg/kg	Q28565
Bromochloromethane	ND	0.005	<0.0025	mg/kg	Q28565
Bromodichloromethane	ND	0.005	<0.0025	mg/kg	Q28565
Bromoform	ND	0.005	<0.0025	mg/kg	Q28565
Bromomethane	ND	0.01	<0.005	mg/kg	Q28565
Carbon tetrachloride	ND	0.005	<0.0025	mg/kg	Q28565
Chlorobenzene	ND	0.005	<0.0025	mg/kg	Q28565
Chlorodibromomethane	ND	0.005	<0.0025	mg/kg	Q28565
Chloroethane	ND	0.01	<0.005	mg/kg	Q28565

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Chloroform	ND	0.005	<0.0025	mg/kg	Q28565
Chloromethane	ND	0.005	<0.0025	mg/kg	Q28565
cis-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565
cis-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565
Dichlorodifluoromethane	ND	0.005	<0.0025	mg/kg	Q28565
Ethylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
Isopropyl ether (IPE)	ND	0.005	<0.0025	mg/kg	Q28565
Isopropylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
m,p-Xylenes	ND	0.01	<0.005	mg/kg	Q28565
Methyl ethyl ketone (MEK)	ND	0.1	<0.05	mg/kg	Q28565
Methyl t-butyl ether (MTBE)	ND	0.01	<0.005	mg/kg	Q28565
Methylene chloride	ND	0.005	<0.0025	mg/kg	Q28565
n-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
n-Propylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
Naphthalene	ND	0.01	<0.005	mg/kg	Q28565
o-Xylene	ND	0.005	<0.0025	mg/kg	Q28565
p-Isopropyltoluene	ND	0.005	<0.0025	mg/kg	Q28565
sec-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
Styrene	ND	0.005	<0.0025	mg/kg	Q28565
tert-Butylbenzene	ND	0.005	<0.0025	mg/kg	Q28565
Tetrachloroethene	ND	0.005	<0.0025	mg/kg	Q28565
Toluene	ND	0.005	<0.0025	mg/kg	Q28565
trans-1,2-Dichloroethene	ND	0.005	<0.0025	mg/kg	Q28565
trans-1,3-Dichloropropene	ND	0.005	<0.0025	mg/kg	Q28565
Trichloroethene	ND	0.005	<0.0025	mg/kg	Q28565
Trichlorofluoromethane	ND	0.005	<0.0025	mg/kg	Q28565
Vinyl acetate	ND	0.025	<0.0125	mg/kg	Q28565
Vinyl chloride	ND	0.005	<0.0025	mg/kg	Q28565

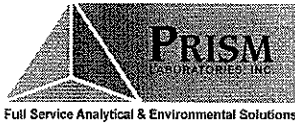
Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,1-Dichloroethene	0.04774	0.05	mg/kg	95	57-122	Q28565
Benzene	0.04663	0.05	mg/kg	93	62-119	Q28565
Chlorobenzene	0.04553	0.05	mg/kg	91	61-124	Q28565
Toluene	0.04373	0.05	mg/kg	87	57-122	Q28565
Trichloroethene	0.04775	0.05	mg/kg	96	59-129	Q28565

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200089 1,1-Dichloroethene	0.04298	0.05	mg/kg	86	44-140	Q28565
Benzene	0.03934	0.05	mg/kg	79	46-136	Q28565
Chlorobenzene	0.03682	0.05	mg/kg	74	47-135	Q28565
Toluene	0.03975	0.05	mg/kg	80	47-136	Q28565
Trichloroethene	0.04013	0.05	mg/kg	80	45-141	Q28565

Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200089 1,1-Dichloroethene	0.04162	0.05	mg/kg	83	44-140	3	0 - 23	Q28565
Benzene	0.03841	0.05	mg/kg	77	46-136	2	0 - 22	Q28565
Chlorobenzene	0.03612	0.05	mg/kg	72	47-135	2	0 - 22	Q28565
Toluene	0.03842	0.05	mg/kg	77	47-136	3	0 - 22	Q28565
Trichloroethene	0.03929	0.05	mg/kg	79	45-141	2	0 - 23	Q28565

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg	Q28582

Laboratory Control Sample

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
Diesel Range Organics (DRO)	64.9	80	mg/kg	81	55-109	Q28582

Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200037 Diesel Range Organics (DRO)	58.0	80	mg/kg	73	50-117	Q28582

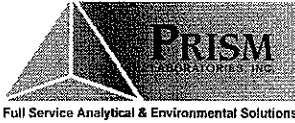
Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200037 Diesel Range Organics (DRO)	52.6	80	mg/kg	66	50-117	10	0 - 24	Q28582

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

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	Q28589
1,2-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q28589
1,3-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q28589
1,4-Dichlorobenzene	ND	0.33	<0.165	mg/kg	Q28589
2,4,5-Trichlorophenol	ND	0.33	<0.165	mg/kg	Q28589
2,4,6-Trichlorophenol	ND	0.33	<0.165	mg/kg	Q28589
2,4-Dichlorophenol	ND	0.33	<0.165	mg/kg	Q28589
2,4-Dimethylphenol	ND	0.33	<0.165	mg/kg	Q28589
2,4-Dinitrophenol	ND	1.65	<0.825	mg/kg	Q28589
2,4-Dinitrotoluene	ND	0.33	<0.165	mg/kg	Q28589
2,6-Dinitrotoluene	ND	0.33	<0.165	mg/kg	Q28589
2-Chloronaphthalene	ND	0.33	<0.165	mg/kg	Q28589
2-Chlorophenol	ND	0.33	<0.165	mg/kg	Q28589
2-Methylnaphthalene	ND	0.33	<0.165	mg/kg	Q28589
2-Methylphenol	ND	0.33	<0.165	mg/kg	Q28589
2-Nitrophenol	ND	0.33	<0.165	mg/kg	Q28589
3&4-Methylphenol	ND	0.33	<0.165	mg/kg	Q28589
3,3'-Dichlorobenzidine	ND	0.66	<0.33	mg/kg	Q28589
4,6-Dinitro-2-methylphenol	ND	1.65	<0.825	mg/kg	Q28589
4-Bromophenylphenylether	ND	0.33	<0.165	mg/kg	Q28589
4-Chloro-3-methylphenol	ND	0.66	<0.33	mg/kg	Q28589
4-Chloroaniline	ND	0.33	<0.165	mg/kg	Q28589
4-Chlorophenylphenylether	ND	0.33	<0.165	mg/kg	Q28589
4-Nitrophenol	ND	1.65	<0.825	mg/kg	Q28589
Acenaphthene	ND	0.33	<0.165	mg/kg	Q28589
Acenaphthylene	ND	0.33	<0.165	mg/kg	Q28589
Anthracene	ND	0.33	<0.165	mg/kg	Q28589
Azobenzene	ND	1.65	<0.825	mg/kg	Q28589
Benzo(a)anthracene	ND	0.33	<0.165	mg/kg	Q28589
Benzo(a)pyrene	ND	0.33	<0.165	mg/kg	Q28589
Benzo(b)fluoranthene	ND	0.33	<0.165	mg/kg	Q28589
Benzo(g,h,i)perylene	ND	0.33	<0.165	mg/kg	Q28589
Benzo(k)fluoranthene	ND	0.33	<0.165	mg/kg	Q28589
Benzoic acid	ND	1.65	<0.825	mg/kg	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
Benzyl alcohol	ND	0.66	<0.33	mg/kg	Q28589
Bis(2-chloroethoxy)methane	ND	0.33	<0.165	mg/kg	Q28589
Bis(2-chloroethyl)ether	ND	0.33	<0.165	mg/kg	Q28589
Bis(2-chloroisopropyl)ether	ND	0.33	<0.165	mg/kg	Q28589
Bis(2-ethylhexyl)phthalate	ND	0.33	<0.165	mg/kg	Q28589
Butylbenzylphthalate	ND	0.33	<0.165	mg/kg	Q28589
Chrysene	ND	0.33	<0.165	mg/kg	Q28589
Di-n-butylphthalate	ND	0.33	<0.165	mg/kg	Q28589
Di-n-octylphthalate	ND	0.33	<0.165	mg/kg	Q28589
Dibenzo(a,h)anthracene	ND	0.33	<0.165	mg/kg	Q28589
Dibenzofuran	ND	0.33	<0.165	mg/kg	Q28589
Diethylphthalate	ND	0.33	<0.165	mg/kg	Q28589
Dimethylphthalate	ND	0.33	<0.165	mg/kg	Q28589
Fluoranthene	ND	0.33	<0.165	mg/kg	Q28589
Fluorene	ND	0.33	<0.165	mg/kg	Q28589
Hexachlorobenzene	ND	0.33	<0.165	mg/kg	Q28589
Hexachlorobutadiene	ND	0.33	<0.165	mg/kg	Q28589
Hexachlorocyclopentadiene	ND	0.33	<0.165	mg/kg	Q28589
Hexachloroethane	ND	0.33	<0.165	mg/kg	Q28589
Indeno(1,2,3-cd)pyrene	ND	0.33	<0.165	mg/kg	Q28589
Isophorone	ND	0.33	<0.165	mg/kg	Q28589
N-Nitrosodi-n-propylamine	ND	0.33	<0.165	mg/kg	Q28589
N-Nitrosodiphenylamine	ND	0.33	<0.165	mg/kg	Q28589
Naphthalene	ND	0.33	<0.165	mg/kg	Q28589
Nitrobenzene	ND	0.33	<0.165	mg/kg	Q28589
Pentachlorophenol	ND	1.65	<0.825	mg/kg	Q28589
Phenanthrene	ND	0.33	<0.165	mg/kg	Q28589
Phenol	ND	0.33	<0.165	mg/kg	Q28589
Pyrene	ND	0.33	<0.165	mg/kg	Q28589

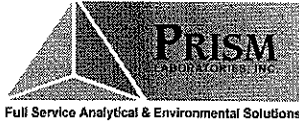
Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
1,2,4-Trichlorobenzene	1.44351	1.6664	mg/kg	87	39-98	Q28589
1,4-Dichlorobenzene	1.39086	1.6664	mg/kg	83	37-95	Q28589
2,4-Dinitrotoluene	1.67710	1.6664	mg/kg	101	56-128	Q28589
2-Chlorophenol	1.39720	1.6664	mg/kg	84	37-98	Q28589
4-Chloro-3-methylphenol	1.55514	1.6664	mg/kg	93	45-111	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
4-Nitrophenol	1.60379	1.6664	mg/kg	96	20-157	Q28589
Acenaphthene	1.62245	1.6664	mg/kg	97	44-110	Q28589
N-Nitrosodi-n-propylamine	1.63545	1.6664	mg/kg	98	38-101	Q28589
Pentachlorophenol	1.77207	1.6664	mg/kg	106	53-127	Q28589
Phenol	1.45184	1.6664	mg/kg	87	34-102	Q28589
Pyrene	1.66877	1.6664	mg/kg	100	54-131	Q28589

Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200036 1,2,4-Trichlorobenzene	1.376	1.667	mg/kg	83	26-97	Q28589
1,4-Dichlorobenzene	1.32233	1.667	mg/kg	79	23-92	Q28589
2,4-Dinitrotoluene	1.58366	1.667	mg/kg	95	45-127	Q28589
2-Chlorophenol	1.332	1.667	mg/kg	80	25-94	Q28589
4-Chloro-3-methylphenol	1.62166	1.667	mg/kg	97	31-113	Q28589
4-Nitrophenol	1.57433	1.667	mg/kg	94	17-150	Q28589
Acenaphthene	1.64033	1.667	mg/kg	98	36-107	Q28589
N-Nitrosodi-n-propylamine	1.52233	1.667	mg/kg	91	22-105	Q28589
Pentachlorophenol	1.826	1.667	mg/kg	110	39-137	Q28589
Phenol	1.45666	1.667	mg/kg	87	23-97	Q28589
Pyrene	1.708	1.667	mg/kg	102	45-133	Q28589

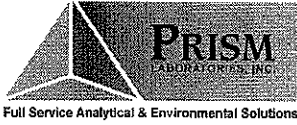
Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200036 1,2,4-Trichlorobenzene	1.14333	1.667	mg/kg	69	26-97	18	0 - 37	Q28589
1,4-Dichlorobenzene	1.076	1.667	mg/kg	65	23-92	21	0 - 36	Q28589
2,4-Dinitrotoluene	1.656	1.667	mg/kg	99	45-127	4	0 - 29	Q28589
2-Chlorophenol	1.17233	1.667	mg/kg	70	25-94	13	0 - 37	Q28589
4-Chloro-3-methylphenol	1.55533	1.667	mg/kg	93	31-113	4	0 - 32	Q28589
4-Nitrophenol	1.789	1.667	mg/kg	107	17-150	13	0 - 32	Q28589
Acenaphthene	1.59866	1.667	mg/kg	96	36-107	3	0 - 32	Q28589
N-Nitrosodi-n-propylamine	1.37933	1.667	mg/kg	83	22-105	10	0 - 37	Q28589
Pentachlorophenol	1.87633	1.667	mg/kg	113	39-137	3	0 - 27	Q28589
Phenol	1.27566	1.667	mg/kg	77	23-97	13	0 - 42	Q28589
Pyrene	1.77066	1.667	mg/kg	106	45-133	4	0 - 27	Q28589

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

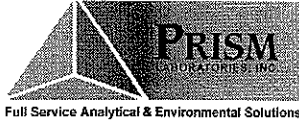
N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method Blank							QC Batch ID	
	Result	RL	Control Limit	Units				
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg			Q28634	
Laboratory Control Sample								
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
Gasoline Range Organics (GRO)	52.8	50	mg/kg	106	67-116		Q28634	
Matrix Spike								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		QC Batch ID	
200152 Gasoline Range Organics (GRO)	42.0	50	mg/kg	84	57-113		Q28634	
Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200152 Gasoline Range Organics (GRO)	42.5	50	mg/kg	85	57-113	1	0 - 23	Q28634



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Organochlorine Pesticides by Gas Chromatography, method 8081A

Method Blank						QC Batch ID
	Result	RL	Control Limit	Units		
4,4'-DDD	ND	2	<1	µg/kg		Q28825
4,4'-DDE	ND	2	<1	µg/kg		Q28825
4,4'-DDT	ND	2	<1	µg/kg		Q28825
4,4'-Methoxychlor	ND	4	<2	µg/kg		Q28825
a-BHC	ND	2	<1	µg/kg		Q28825
a-Chlordane	ND	2	<1	µg/kg		Q28825
Aldrin	ND	2	<1	µg/kg		Q28825
b-BHC	ND	2	<1	µg/kg		Q28825
Chlordane	ND	50	<25	µg/kg		Q28825
d-BHC	ND	2	<1	µg/kg		Q28825
Dieldrin	ND	1	<0.5	µg/kg		Q28825
Endosulfan I	ND	2	<1	µg/kg		Q28825
Endosulfan II	ND	2	<1	µg/kg		Q28825
Endosulfan Sulfate	ND	2	<1	µg/kg		Q28825
Endrin	ND	2	<1	µg/kg		Q28825
Endrin Aldehyde	ND	2	<1	µg/kg		Q28825
Endrin Ketone	ND	2	<1	µg/kg		Q28825
g-BHC	ND	2	<1	µg/kg		Q28825
g-Chlordane	ND	2	<1	µg/kg		Q28825
Heptachlor	ND	2	<1	µg/kg		Q28825
Heptachlor Epoxide	ND	2	<1	µg/kg		Q28825
Toxaphene	ND	50	<25	µg/kg		Q28825

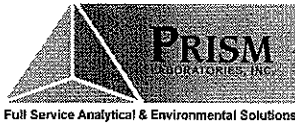
Laboratory Control Sample						
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
4,4'-DDT	44.40	33	µg/kg	135	75-141	Q28825
Aldrin	32.15	33	µg/kg	97	66-132	Q28825
Dieldrin	36.06	33	µg/kg	109	72-136	Q28825
Endrin	37.167	33	µg/kg	113	74-147	Q28825
Heptachlor	31.96	33	µg/kg	97	72-134	Q28825

Matrix Spike						
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200036 4,4'-DDT	34.4	33	µg/kg	104	56-163	Q28825
Aldrin	31.4	33	µg/kg	95	57-137	Q28825
Dieldrin	30.1	33	µg/kg	91	60-141	Q28825

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

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



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

Level II QC Report

12/17/07

N. C. Department of Transportation
 Attn: Jessica Dehart
 c/o Solution - IES
 1101 Nowell Road
 Raleigh, NC 27607

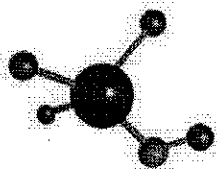
Project Name: Roxboro, NC
 Project ID: NCDOT Parcel #84
 Project No.: WBS# 39406.1.1

COC Group Number: G1107761
 Date/Time Submitted: 11/29/07 16:45

Matrix Spike						
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
200036 Endrin	31.8	33	µg/kg	96	65-164	Q28825
Heptachlor	33.3	33	µg/kg	101	63-142	Q28825

Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
200036 4,4'-DDT	33.8	33	µg/kg	102	56-163	2	0 - 38	Q28825
Aldrin	35.6	33	µg/kg	108	57-137	13	0 - 29	Q28825
Dieldrin	32.0	33	µg/kg	97	60-141	6	0 - 30	Q28825
Endrin	33.7	33	µg/kg	102	65-164	6	0 - 21	Q28825
Heptachlor	34.3	33	µg/kg	104	63-142	3	0 - 27	Q28825

#-See Case Narrative



ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Prism Laboratories, Inc.
PO BOX 240543
Charlotte, NC 28224

ATTENTION

Angie Overcash

PROJECT ID

G1107761

LABORATORY REPORT NUMBER

207120113

DATE

12/06/2007

Primary Data Review By

Curtis Ekker
Data Validation Manager, GCAL

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Rd. Baton Rouge, LA 70820.
- GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

Report Date 12/06/2007

GCAL Report 207120113



Deliver To Prism Laboratories, Inc.
PO BOX 240543
Charlotte, NC 28224
706-529-6364

Attn Angie Overcash

Project G1107761

CASE NARRATIVE

Client: Prism Laboratories, Inc. **Report:** 207120113

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

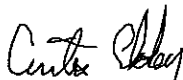
Reporting Flags Utilized in this Report

J	Indicates an estimated value
U	Indicates the compound was analyzed for but not detected
B	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
B	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.



CURTIS EKKER
DATA VALIDATION MANAGER
GCAL REPORT 207120113

THIS REPORT CONTAINS _____ PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011301	200033	Solid	11/27/2007 10:20	12/01/2007 09:04
20712011302	200034	Solid	11/27/2007 11:45	12/01/2007 09:04
20712011303	200035	Solid	11/27/2007 12:40	12/01/2007 09:04
20712011304	200036	Solid	11/27/2007 14:15	12/01/2007 09:04
20712011305	200037	Solid	11/27/2007 14:55	12/01/2007 09:04
20712011306	200038	Solid	11/27/2007 15:15	12/01/2007 09:04

Summary of Compounds Detected

There were no detects

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011301	200033	Solid	11/27/2007 10:20	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/04/2007 21:50	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	4.54U	22.1	4.54	ug/Kg
93-76-5	2,4,5-T	4.67U	22.1	4.67	ug/Kg
93-72-1	2,4,5-TP (Silvex)	3.08U	22.1	3.08	ug/Kg
94-82-6	2,4-DB	9.48U	22.1	9.48	ug/Kg
75-99-0	Dalapon	31.9U	42.8	31.9	ug/Kg
1918-00-9	Dicamba	18.8U	22.1	18.8	ug/Kg
120-36-5	Dichloroprop	3.96U	22.1	3.96	ug/Kg
88-85-7	Dinoseb	13.0U	22.1	13.0	ug/Kg
94-74-6	MCPA	648U	2170	648	ug/Kg
93-65-2	MCPP	718U	2170	718	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	33.3	30.2	ug/Kg	91	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011302	200034	Solid	11/27/2007 11:45	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/04/2007 23:18	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	4.18U	20.3	4.18	ug/Kg
93-76-5	2,4,5-T	4.29U	20.3	4.29	ug/Kg
93-72-1	2,4,5-TP (Silvex)	2.83U	20.3	2.83	ug/Kg
94-82-6	2,4-DB	8.72U	20.3	8.72	ug/Kg
75-99-0	Dalapon	29.4U	39.4	29.4	ug/Kg
1918-00-9	Dicamba	17.3U	20.3	17.3	ug/Kg
120-36-5	Dichloroprop	3.64U	20.3	3.64	ug/Kg
88-85-7	Dinoseb	11.9U	20.3	11.9	ug/Kg
94-74-6	MCPA	596U	1990	596	ug/Kg
93-65-2	MCPP	661U	1990	661	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	32.9	29.8	ug/Kg	91	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011303	200035	Solid	11/27/2007 12:40	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/04/2007 23:48	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	4.41U	21.4	4.41	ug/Kg
93-76-5	2,4,5-T	4.53U	21.4	4.53	ug/Kg
93-72-1	2,4,5-TP (Silvex)	2.99U	21.4	2.99	ug/Kg
94-82-6	2,4-DB	9.21U	21.4	9.21	ug/Kg
75-99-0	Dalapon	31.0U	41.6	31.0	ug/Kg
1918-00-9	Dicamba	18.3U	21.4	18.3	ug/Kg
120-36-5	Dichloroprop	3.85U	21.4	3.85	ug/Kg
88-85-7	Dinoseb	12.6U	21.4	12.6	ug/Kg
94-74-6	MCPA	629U	2110	629	ug/Kg
93-65-2	MCPP	697U	2110	697	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	33	27.5	ug/Kg	83	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011304	200036	Solid	11/27/2007 14:15	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/05/2007 00:17	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	4.02U	19.5	4.02	ug/Kg
93-76-5	2,4,5-T	4.13U	19.5	4.13	ug/Kg
93-72-1	2,4,5-TP (Silvex)	2.72U	19.5	2.72	ug/Kg
94-82-6	2,4-DB	8.38U	19.5	8.38	ug/Kg
75-99-0	Dalapon	28.3U	37.9	28.3	ug/Kg
1918-00-9	Dicamba	16.7U	19.5	16.7	ug/Kg
120-36-5	Dichloroprop	3.50U	19.5	3.50	ug/Kg
88-85-7	Dinoseb	11.5U	19.5	11.5	ug/Kg
94-74-6	MCPA	573U	1920	573	ug/Kg
93-65-2	MCPP	635U	1920	635	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	33.2	24.7	ug/Kg	74	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011305	200037	Solid	11/27/2007 14:55	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/05/2007 00:47	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	4.62U	22.4	4.62	ug/Kg
93-76-5	2,4,5-T	4.75U	22.4	4.75	ug/Kg
93-72-1	2,4,5-TP (Silvex)	3.13U	22.4	3.13	ug/Kg
94-82-6	2,4-DB	9.64U	22.4	9.64	ug/Kg
75-99-0	Dalapon	32.5U	43.6	32.5	ug/Kg
1918-00-9	Dicamba	19.1U	22.4	19.1	ug/Kg
120-36-5	Dichloroprop	4.03U	22.4	4.03	ug/Kg
88-85-7	Dinoseb	13.2U	22.4	13.2	ug/Kg
94-74-6	MCPA	659U	2210	659	ug/Kg
93-65-2	MCPP	730U	2210	730	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	33.3	33	ug/Kg	99	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
20712011306	200038	Solid	11/27/2007 15:15	12/01/2007 09:04

SW-846 8151A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
12/03/2007 11:00	362613	3550B	1	12/05/2007 02:14	TLS	362963

CAS#	Parameter	Result	RDL	MDL	Units
94-75-7	2,4'-D	3.87U	18.8	3.87	ug/Kg
93-76-5	2,4,5-T	3.98U	18.8	3.98	ug/Kg
93-72-1	2,4,5-TP (Silvex)	2.62U	18.8	2.62	ug/Kg
94-82-6	2,4-DB	8.08U	18.8	8.08	ug/Kg
75-99-0	Dalapon	27.2U	36.5	27.2	ug/Kg
1918-00-9	Dicamba	16.0U	18.8	16.0	ug/Kg
120-36-5	Dichloroprop	3.38U	18.8	3.38	ug/Kg
88-85-7	Dinoseb	11.1U	18.8	11.1	ug/Kg
94-74-6	MCPA	552U	1850	552	ug/Kg
93-65-2	MCPP	612U	1850	612	ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
19719-28-9	DCAA	33.3	28.7	ug/Kg	86	13 - 137

RESULTS REPORTED ON A DRY WEIGHT BASIS

General Chromatography Quality Control Summary

Analytical Batch Prep Batch Prep Method	Client ID GCAL ID Sample Type Prep Date Analytical Date Matrix	MB362613 551760 Method Blank 12/03/2007 11:00 12/05/2007 12:08 Solid	ug/Kg	Spike Added	LCS362613		LCSD362613		RPD Limit		
					Result	% R	Result	% R			
SW-846 8151A											
94-75-7	2,4-D	3.50U	3.50	33.7	33.9	101	19 - 140	33.0	98	3	40
93-76-5	2,4,5-T	3.59U	3.59	33.3	33.8	102	25 - 145	33.5	101	0.9	40
93-72-1	2,4,5-TP (Silvex)	2.37U	2.37	33.7	30.6	91	21 - 141	30.2	90	1	40
94-82-6	2,4-DB	7.30U	7.30	33.3	34.0	102	20 - 150	33.4	100	2	40
75-99-0	Dalapon	24.6U	24.6	32.8	32.5	99	20 - 150	30.2	92	7	40
1918-00-9	Dicamba	14.5U	14.5	32.8	29.3	89	20 - 150	29.0	89	1	40
120-36-5	Dichloroprop	3.05U	3.05	32.8	31.9	97	20 - 150	31.4	96	2	40
88-85-7	Dinoseb	10.0U	10.0	33.3	12.1	36	10 - 140	12.3	37	2	40
94-74-6	MCPA	499U	499	3330	2710	81	20 - 150	2750	83	1	40
93-65-2	MCPP	553U	553	3330	2800	84	20 - 150	2830	85	1	40
Surrogate											
19719-28-9	DCAA	38	114	33.3	20.7	62	13 - 137	20.7	62		

Analytical Batch Prep Batch Prep Method	Client ID GCAL ID Sample Type Prep Date Analytical Date Matrix	200033 20712011301 SAMPLE 12/03/2007 11:00 12/04/2007 21:50 Solid	ug/Kg	Spike Added	551637MS		551637MSD		RPD Limit		
					Result	% R	Result	% R			
SW-846 8151A											
94-75-7	2,4-D	0.00	3.50	33.7	38.1	113	19 - 140	28.2	84	30	40
93-76-5	2,4,5-T	0.00	3.59	33.3	33.0	99	25 - 145	32.0	96	3	40
93-72-1	2,4,5-TP (Silvex)	0.00	2.37	33.7	28.7	85	21 - 141	28.1	84	2	40
94-82-6	2,4-DB	0.00	7.30	33.3	31.6	95	20 - 150	29.8	90	6	40
75-99-0	Dalapon	0.00	24.6	32.8	36.6	111	20 - 150	28.1	86	26	40
1918-00-9	Dicamba	0.00	14.5	32.8	31.2	95	20 - 150	30.0	92	4	40
120-36-5	Dichloroprop	0.00	3.05	32.8	32.4	99	20 - 150	29.3	90	10	40
88-85-7	Dinoseb	0.00	10.0	33.3	4.66	14	10 - 140	4.49	14	4	40
94-74-6	MCPA	0.00	499	3330	2850	86	20 - 150	2680	81	6	40
93-65-2	MCPP	0.00	553	3330	2880	86	20 - 150	2430	73	17	40

General Chromatography Quality Control Summary

Analytical Batch 362963 Prep Batch 362613 Prep Method 3550B	Client ID 200033 GCAL ID 20712011301 Sample Type SAMPLE Prep Date 12/03/2007 11:00 Analytical Date 12/04/2007 21:50 Matrix Solid	Units ug/Kg 30.2	Spike Added 33.3	551637MS 551768 MS 12/03/2007 11:00 12/04/2007 22:19 Solid	551637MSD 551769 MSD 12/03/2007 11:00 12/04/2007 22:49 Solid
SW-846 8151A				Result 23.8 % R 71	Control Limit 13 - 137 % R 137
Surrogate 19719-28-9 DCAA		91		Result 22.9 % R 69	RPD Limit

Access/4805/20710113/12-5

CHAIN OF CUSTODY RECORD

Project Name: 6-1107-7-1
 Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
 *Please ATTACH any project specific reporting (QC LEVEL III) IV provisions and/or QC Requirements
 Inhouse To: _____
 Address: _____

PRISM LABORATORIES, INC.
 Full Service Analytical & Environmental Solutions
 149 Springbrook Road • P.O. Box 26550 • Charlotte, NC 28224-2549
 Phone: 704.525-0334 • Fax: 704.525-0413
 Client Company Name: P. J. ...
 Report To/Contact Name: P. J. ...
 Reporting Address: _____

Phone: _____ Fax (Yes) (No): _____
 Email (Yes) (No) Email Address: _____
 EDD Type: PDF Excel Other _____
 Site Location Name: _____
 Site Location Physical Address: _____

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
 Certification: MELAC USACE FL NO
 SC OTHER N/A
 Water Chlorinated: YES NO
 Samples Used Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX FACIL, WATER OR SLUDGE	SAMPLE CONTAINER		PRESERVATION TIMES	REMARKS	PRISM LAB ID NO
				TYPE SEE BELOW	NO. SIZE			
200033	11/21/07	1020	Soil	CG	1	NONE	TP-1-12	
200034		1145			1		TP-2-0-2	
200035		1240			1		TP-2-8-10	
200036		1415			1		TP-3-0-2	
200037		1455			1		TP-4-0-2	
200038		1515			1		TP-5-0-2	

ANALYSES REQUESTED: _____
 ANALYSES REQUESTED: _____
 PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: _____
 Date: _____
 Additional Comments: Sub to GCAL

PRISM USE ONLY
 Samples Intact upon arrival? YES NO N/A
 Preserved Environmental Temp? YES NO N/A
 PROPER PRESERVATIVE INJECTED? YES NO N/A
 Backed with INHIBITING TIMES? YES NO N/A
 CUSTODY SEALS INTACT? YES NO N/A
 VOLUMES used WITHOUT HEADSPACE? YES NO N/A
 PROPER CONTAINERS used? YES NO N/A

DATE RECEIVED FOR ANALYSIS: _____
 ANALYST: _____
 RECEIVED BY (Signature): _____
 RECEIVED BY (Signature): _____
 RECEIVED BY (Signature): _____

NOTE: ALL SAMPLE COVERS SHOULD BE TAPED BRIT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND REJECTED AGAINST OAC UNTIL RECEIVED AT THE LABORATORY.

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

OTHER: LANDFILL INC ISC OTHER: INC ISC

ORIGINAL

