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To:	From: MACTEC Engineering and Consulting, Inc.	Project/Job No.: 6552080509 Date: 1-27-09
NCDENR	5710 Oleander Drive Suite 110	Project:
127 Cardinal Dr. Ext	Wilmington, NC 28403	RSC Equipment
Wilmington, NC 28405	Phone: (910) 452-1185 Fax: (910) 791-1338	Description:
		Soil Assessment / NFA
Attn: Liz Berg	Attn: J. Chris Prunean	

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MACTEC

January 26, 2009

RECEIVED
JAN 29 2009
By

Mr. Liz Berg
North Carolina Department of Environment and Natural Resources
Wilmington Regional Office
Division of Waste Management
UST Section
127 Cardinal Drive Extension
Wilmington, NC 28405

Subject: **Report of Additional Soil Sampling/Request for No Further Action (NFA) Status**
RSC 1020 North Front Street
Wilmington, North Carolina 28402
MACTEC Project No. 6550-08-0509.01

Dear Ms Berg:

MACTEC Engineering and Consulting, Inc. (MACTEC), is pleased to submit this report of additional soil sampling and request for NFA status for the above referenced site. MACTEC understands that the additional soil sampling in the area of the former waste oil UST will help satisfy the NCDENR UST Division requirements for NFA at this site. The purpose of this additional soil sampling was to evaluate said soil quality and to request NFA status for the site.

On November 25, 2008, MACTEC advanced three direct-push borings designated GB-1, 2, and 3 in the area of the former waste oil UST to a depth of 15 feet below ground surface (bgs) (Figure 1). MACTEC personnel provided professional oversight and sampling of the geoprobe activities. MACTEC personnel collected two soil samples from each boring location at a depth of 6-8 feet and 13-15 feet bgs. The soil samples were submitted to Environmental Science Corp. Laboratory and analyzed for by methods EPA 8260B, EPA 8270C and MADEP VPH and EPH.

A summary of laboratory analytical data is presented in the attached Table 1. Please note that only the detected analytes are present in Table 1, and that the full laboratory analytical results are presented in the attached laboratory report.

The volatile organic compounds (VOCs) 1, 2, 4-Trimethylbenzene, p-Isopropyltoluene, Tetrachloroethene, and Total Xylenes were detected. Analytical results for these detected compounds were all less than the applicable Residential, Industrial/Commercial, and Soil-to-Groundwater Maximum Soil Contaminant Concentrations (MSCCs).

Volatile Petroleum Hydrocarbons (VPHs) were detected in only one sample, GB-1 at 13-15 feet bgs. The detected VPH constituents were below both the Residential and Industrial/Commercial MSCCs and only the C9-C10 Aromatics in the afore mentioned sample were slightly elevated above the Soil-to-Groundwater MSCC.

Extractable Petroleum Hydrocarbons (EPHs) were detected in two of the samples, GB-1 at 13-15 feet bgs and GB-3 at 6-8 feet bgs, at concentrations below the Residential, Industrial/Commercial, and Soil-to-Groundwater MSCCs.

As all detected constituents were below both the Residential and Industrial/Commercial MSCCs, we have no recommendation for further assessment in regards to this matter and MACTEC respectfully requests an issuing of No Further Action status.

Should you have any questions or require any additional information, please contact our office at (910) 452-1185.

Sincerely,

MACTEC Engineering and Consulting, Inc.

Aimee Grosser
Staff Geologist II

J. Chris Pruneau, L.G.
Principal Hydrogeologist

NORTH CAROLINA LICENSED SEAL 1003 GEOLOGIST J. CHRIS PRUNEAU

Attachments (3):
Table 1 Summary of Detected Analytes
Figure 1 Additional Soil Borings
Laboratory Report

TABLE 1
SUMMARY OF DETECTED ANALYTES

TABLE 1
SUMMARY OF DETECTED ANALYTES
25-Nov-08
RSC EQUIPMENT RENTAL
WILMINGTON, NC
MACTEC JOB NO.: 6550-08-0509

$C_{10}H_{14}$, Aromatic ∴ use C_9-C_{22} MSCC

SAMPLE ID	SAMPLE DEPTH (Ft)	Volitile Organic Compounds				Volatile Petroleum Hydrocarbons		Extractable Petroleum Hydrocarbons		
		1, 2, 4-Trimethylbenzene mg/kg	p-Isopropyltoluene mg/kg	Total Xylenes mg/kg	Tetrachloroethene mg/kg	C9-C12 Aliphatics mg/kg	C9-C10 Aromatics mg/kg	C-9-C18 Aliphatics mg/kg	C19-C36 Aliphatics mg/kg	C11-C22 Aromatics mg/kg
GB-1	6-8	**0.0011**	<0.0011	<0.0032	<0.0011	<5.8	<5.8	<6.8	<6.8	<6.8
GB-1	13-15	**0.0022**	**0.0012**	**0.0049**	<0.0011	**83**	**57**	**9.20**	**15**	**10**
GB-2	6-8	<0.0010	<0.0010	<0.0031	<0.0010	<5.3	<5.3	<6.7	<6.7	<6.7
GB-2	13-15	<0.0011	<0.0011	<0.0033	<0.0011	<6.0	<6.0	<7.1	<7.1	<7.1
GB-3	6-8	<0.0010	<0.0010	<0.0031	<0.0010	<5.6	<5.6	<6.7	**42**	**7.1**
GB-3	13-15	<0.0011	<0.0011	<0.0032	**0.0012**	<5.7	<5.7	<6.9	<6.9	<6.9
Residential MSCC		**782**	**NS**	**3,129**	**12**	**9,386**	**469**	**9,386**	**93,860**	**469**
Industrial/Commercial MSCCs		**20,440**	**NS**	**81,760**	**110**	**245,280**	**12,264**	**245,280**	**93,860***	**12,264**
Soil-to-Groundwater MSCC		**7.5**	**NS**	**5**	**0.0074**	**3,300**	**34**	**3,300**	**93,860***	**34**

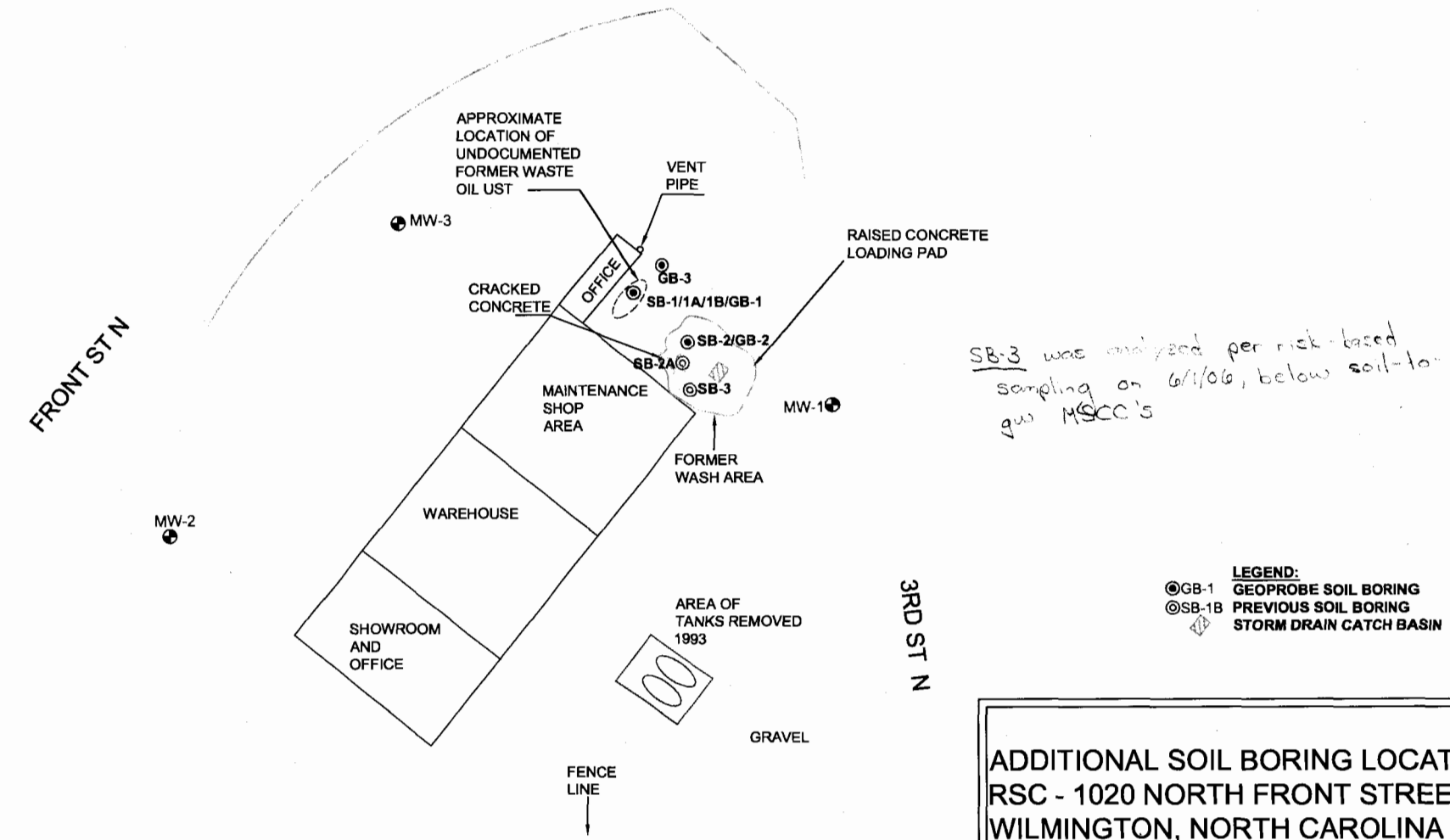
C_9 - C_{22}

Notes:
1. Samples analyzed by Environmental Science Corp
2. All data are reported in mg/kg
3. Less than symbol (<) signifies that the concentration was below reportable limits.
4. Only constituents detected above reportable limits are listed.
5. See attached full laboratory data package for additional analyzed constituents not detected above reporting limits.
6. Detected constituents in bold.
7. NS: no standard
8. 93,860* Residential MSCC

Prepared by: BDG 12/9/08
Checked by: WBM 12/10/08

G:clients\East Coast Development\Wilmington\2008\RSC Site\SAR

FIGURE 1
ADDITIONAL SOIL BORINGS



SB-3 was analyzed per risk-based sampling on 6/1/06, below soil-to-gw MSCC's

GRAPHIC SCALE - IN FEET

0 60 120

MACTEC

ADDITIONAL SOIL BORING LOCATIONS
RSC - 1020 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA

DRAWN:	WBM	JOB:	6550-08-0509
APPROVAL:		DATE:	1/26/09
SCALE:	AS SHOWN	FIG:	1
REFERENCE:	2002 NHCO GIS		

LABORATORY REPORT

ENVIRONMENTAL
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12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
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Fax (615) 758-5859

Tax I.D. 62-0814289

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Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Report Summary

Monday December 08, 2008

Report Number: L376958
Samples Received: 11/26/08
Client Project: 6550080509.01

Description: RSC Additional Soil Sampling

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Jimmy Hunt, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

6 Samples Reported: 12/08/08 10:11 Printed: 12/08/08 13:13

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-01

Site ID :

Project # : 6550080509.01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Sample ID : GB-1 6-8 FT

Collected By : AEG
Collection Date : 11/25/08 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.2		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	BDL	5.8	mg/kg	MADEPV	11/30/08	55
C5-C8 Aliphatics	BDL	5.8	mg/kg	MADEPV	11/30/08	55
C9-C12 Aliphatics	BDL	5.8	mg/kg	MADEPV	11/30/08	55
C9-C10 Aromatics	BDL	5.8	mg/kg	MADEPV	11/30/08	55
Surrogate Recovery						
2,5-Dibromotoluene(FID)	98.4		% Rec.	MADEPV	11/30/08	55
2,5-Dibromotoluene(PID)	96.5		% Rec.	MADEPV	11/30/08	55
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	12/02/08	1.01
Acrylonitrile	BDL	0.011	mg/kg	8260B	12/02/08	1.01
Benzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Bromobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Bromoform	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Bromomethane	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Chlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Chloroethane	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	12/02/08	1.01
Chloroform	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
Chloromethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Dibromomethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-1 6-8 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Ethylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	12/02/08	1.01
Methylene Chloride	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	12/02/08	1.01
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Naphthalene	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Styrene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Toluene	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Trichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	12/02/08	1.01
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
1,2,4-Trimethylbenzene	0.0011	0.0011	mg/kg	8260B	12/02/08	1.01
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Vinyl chloride	BDL	0.0011	mg/kg	8260B	12/02/08	1.01
Xylenes, Total	BDL	0.0032	mg/kg	8260B	12/02/08	1.01
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	12/02/08	1.01
Dibromofluoromethane	105.		% Rec.	8260B	12/02/08	1.01
4-Bromofluorobenzene	92.9		% Rec.	8260B	12/02/08	1.01
Extractable Petroleum Hydrocarb	BDL	6.8	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	BDL	6.8	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	BDL	6.8	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	BDL	6.8	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	77.1		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	91.2		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	75.4		% Rec.	MADEPE	12/05/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-01

Site ID :

Project # : 6550080509.01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Sample ID : GB-1 6-8 FT

Collected By : AEG
Collection Date : 11/25/08 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	89.7		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Acenaphthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Acenaphthylene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(a)anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(a)pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(b)fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(g,h,i)perylene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(k)fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Chrysene	BDL	0.035	mg/kg	8270C	11/28/08	1
Dibenz(a,h)anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Fluorene	BDL	0.035	mg/kg	8270C	11/28/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Naphthalene	BDL	0.035	mg/kg	8270C	11/28/08	1
Phenanthrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Surrogate Recovery						
Nitrobenzene-d5	46.7		% Rec.	8270C	11/28/08	1
2-Fluorobiphenyl	49.2		% Rec.	8270C	11/28/08	1
p-Terphenyl-d14	57.2		% Rec.	8270C	11/28/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-02

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-1 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 08:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.2		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	26.	5.4	mg/kg	MADEPV	11/30/08	51
C5-C8 Aliphatics	BDL	5.4	mg/kg	MADEPV	11/30/08	51
C9-C12 Aliphatics	83.	5.4	mg/kg	MADEPV	11/30/08	51
C9-C10 Aromatics	57.	5.4	mg/kg	MADEPV	11/30/08	51
Surrogate Recovery						
2,5-Dibromotoluene(FID)	89.5		% Rec.	MADEPV	11/30/08	51
2,5-Dibromotoluene(PID)	89.2		% Rec.	MADEPV	11/30/08	51
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	12/02/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	12/02/08	1
Benzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	12/02/08	1
Bromomethane	BDL	0.0053	mg/kg	8260B	12/02/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	12/02/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Chloroethane	BDL	0.0053	mg/kg	8260B	12/02/08	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	12/02/08	1
Chloroform	BDL	0.0053	mg/kg	8260B	12/02/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/02/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	12/02/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	12/02/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-02

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-1 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 08:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/02/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	12/02/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
p-Isopropyltoluene	0.0012	0.0011	mg/kg	8260B	12/02/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	12/02/08	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	12/02/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	12/02/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	12/02/08	1
Naphthalene	BDL	0.0053	mg/kg	8260B	12/02/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Styrene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Toluene	BDL	0.0053	mg/kg	8260B	12/02/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/02/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	12/02/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	12/02/08	1
1,2,4-Trimethylbenzene	0.0022	0.0011	mg/kg	8260B	12/02/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/02/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	12/02/08	1
Xylenes, Total	0.0049	0.0032	mg/kg	8260B	12/02/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	12/02/08	1
Dibromofluoromethane	106.		% Rec.	8260B	12/02/08	1
4-Bromofluorobenzene	100.		% Rec.	8260B	12/02/08	1
Extractable Petroleum Hydrocarb	34.	6.9	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	9.2	6.9	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	15.	6.9	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	10.	6.9	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	66.1		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	82.2		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	72.2		% Rec.	MADEPE	12/05/08	1

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Fax (615) 758-5859

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Est. 1970

REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-02

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-1 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 08:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	87.3		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Acenaphthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Acenaphthylene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(a)anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(a)pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(b)fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(g,h,i)perylene	BDL	0.035	mg/kg	8270C	11/28/08	1
Benzo(k)fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Chrysene	BDL	0.035	mg/kg	8270C	11/28/08	1
Dibenz(a,h)anthracene	BDL	0.035	mg/kg	8270C	11/28/08	1
Fluoranthene	BDL	0.035	mg/kg	8270C	11/28/08	1
Fluorene	BDL	0.035	mg/kg	8270C	11/28/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Naphthalene	BDL	0.035	mg/kg	8270C	11/28/08	1
Phenanthrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Pyrene	BDL	0.035	mg/kg	8270C	11/28/08	1
Surrogate Recovery						
Nitrobenzene-d5	63.5		% Rec.	8270C	11/28/08	1
2-Fluorobiphenyl	52.8		% Rec.	8270C	11/28/08	1
p-Terphenyl-d14	55.9		% Rec.	8270C	11/28/08	1

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Fax (615) 758-5859

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-03

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-2 6-8 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	96.6		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	BDL	5.3	mg/kg	MADEPV	12/02/08	51.5
C5-C8 Aliphatics	BDL	5.3	mg/kg	MADEPV	12/02/08	51.5
C9-C12 Aliphatics	BDL	5.3	mg/kg	MADEPV	12/02/08	51.5
C9-C10 Aromatics	BDL	5.3	mg/kg	MADEPV	12/02/08	51.5
Surrogate Recovery						
2,5-Dibromotoluene(FID)	92.5		% Rec.	MADEPV	12/02/08	51.5
2,5-Dibromotoluene(PID)	90.9		% Rec.	MADEPV	12/02/08	51.5
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	12/02/08	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	12/02/08	1
Benzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Bromoform	BDL	0.0010	mg/kg	8260B	12/02/08	1
Bromomethane	BDL	0.0052	mg/kg	8260B	12/02/08	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	12/02/08	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Chloroethane	BDL	0.0052	mg/kg	8260B	12/02/08	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	12/02/08	1
Chloroform	BDL	0.0052	mg/kg	8260B	12/02/08	1
Chloromethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	12/02/08	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	12/02/08	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	12/02/08	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/02/08	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/02/08	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/02/08	1

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BDL - Below Detection Limit
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Mt. Juliet, TN 37122
(615) 758-5858
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Fax (615) 758-5859

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-03

Site ID :

Project # : 6550080509.01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Sample ID : GB-2 6-8 FT

Collected By : AEG
Collection Date : 11/25/08 09:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/02/08	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/02/08	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/02/08	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	12/02/08	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	12/02/08	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	12/02/08	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	12/02/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	12/02/08	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	12/02/08	1
Naphthalene	BDL	0.0052	mg/kg	8260B	12/02/08	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Styrene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Toluene	BDL	0.0052	mg/kg	8260B	12/02/08	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	12/02/08	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	12/02/08	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	12/02/08	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	12/02/08	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	12/02/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	12/02/08	1
Dibromofluoromethane	106.		% Rec.	8260B	12/02/08	1
4-Bromofluorobenzene	91.7		% Rec.	8260B	12/02/08	1
Extractable Petroleum Hydrocarb	BDL	6.7	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	BDL	6.7	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	BDL	6.7	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	BDL	6.7	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	77.0		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	95.2		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	78.0		% Rec.	MADEPE	12/05/08	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-03

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-2 6-8 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	92.2		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.034	mg/kg	8270C	11/28/08	1
Acenaphthene	BDL	0.034	mg/kg	8270C	11/28/08	1
Acenaphthylene	BDL	0.034	mg/kg	8270C	11/28/08	1
Benzo(a)anthracene	BDL	0.034	mg/kg	8270C	11/28/08	1
Benzo(a)pyrene	BDL	0.034	mg/kg	8270C	11/28/08	1
Benzo(b)fluoranthene	BDL	0.034	mg/kg	8270C	11/28/08	1
Benzo(g,h,i)perylene	BDL	0.034	mg/kg	8270C	11/28/08	1
Benzo(k)fluoranthene	BDL	0.034	mg/kg	8270C	11/28/08	1
Chrysene	BDL	0.034	mg/kg	8270C	11/28/08	1
Dibenz(a,h)anthracene	BDL	0.034	mg/kg	8270C	11/28/08	1
Fluoranthene	BDL	0.034	mg/kg	8270C	11/28/08	1
Fluorene	BDL	0.034	mg/kg	8270C	11/28/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.034	mg/kg	8270C	11/28/08	1
Naphthalene	BDL	0.034	mg/kg	8270C	11/28/08	1
Phenanthrene	BDL	0.034	mg/kg	8270C	11/28/08	1
Pyrene	BDL	0.034	mg/kg	8270C	11/28/08	1
Surrogate Recovery						
Nitrobenzene-d5	54.2		% Rec.	8270C	11/28/08	1
2-Fluorobiphenyl	53.4		% Rec.	8270C	11/28/08	1
p-Terphenyl-d14	62.6		% Rec.	8270C	11/28/08	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-04

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-2 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:25

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.9		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	BDL	6.0	mg/kg	MADEPV	12/02/08	55.5
C5-C8 Aliphatics	BDL	6.0	mg/kg	MADEPV	12/02/08	55.5
C9-C12 Aliphatics	BDL	6.0	mg/kg	MADEPV	12/02/08	55.5
C9-C10 Aromatics	BDL	6.0	mg/kg	MADEPV	12/02/08	55.5
Surrogate Recovery						
2,5-Dibromotoluene(FID)	92.8		% Rec.	MADEPV	12/02/08	55.5
2,5-Dibromotoluene(PID)	91.1		% Rec.	MADEPV	12/02/08	55.5
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	12/03/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	12/03/08	1
Benzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	12/03/08	1
Bromomethane	BDL	0.0054	mg/kg	8260B	12/03/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	12/03/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Chloroethane	BDL	0.0054	mg/kg	8260B	12/03/08	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	12/03/08	1
Chloroform	BDL	0.0054	mg/kg	8260B	12/03/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/03/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	12/03/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	12/03/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/03/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/03/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/03/08	1

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12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

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Est. 1970

REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-04

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-2 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:25

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/03/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/03/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/03/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	12/03/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	12/03/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	12/03/08	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	12/03/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	12/03/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	12/03/08	1
Naphthalene	BDL	0.0054	mg/kg	8260B	12/03/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Styrene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Toluene	BDL	0.0054	mg/kg	8260B	12/03/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/03/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	12/03/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/03/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	12/03/08	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	12/03/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	12/03/08	1
Dibromofluoromethane	96.2		% Rec.	8260B	12/03/08	1
4-Bromofluorobenzene	81.6		% Rec.	8260B	12/03/08	1
Extractable Petroleum Hydrocarb	BDL	7.1	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	BDL	7.1	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	BDL	7.1	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	BDL	7.1	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	68.5		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	86.8		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	74.0		% Rec.	MADEPE	12/05/08	1

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-04

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-2 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:25

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	77.8		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.036	mg/kg	8270C	11/28/08	1
Acenaphthene	BDL	0.036	mg/kg	8270C	11/28/08	1
Acenaphthylene	BDL	0.036	mg/kg	8270C	11/28/08	1
Benzo(a)anthracene	BDL	0.036	mg/kg	8270C	11/28/08	1
Benzo(a)pyrene	BDL	0.036	mg/kg	8270C	11/28/08	1
Benzo(b)fluoranthene	BDL	0.036	mg/kg	8270C	11/28/08	1
Benzo(g,h,i)perylene	BDL	0.036	mg/kg	8270C	11/28/08	1
Benzo(k)fluoranthene	BDL	0.036	mg/kg	8270C	11/28/08	1
Chrysene	BDL	0.036	mg/kg	8270C	11/28/08	1
Dibenz(a,h)anthracene	BDL	0.036	mg/kg	8270C	11/28/08	1
Fluoranthene	BDL	0.036	mg/kg	8270C	11/28/08	1
Fluorene	BDL	0.036	mg/kg	8270C	11/28/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.036	mg/kg	8270C	11/28/08	1
Naphthalene	BDL	0.036	mg/kg	8270C	11/28/08	1
Phenanthrene	BDL	0.036	mg/kg	8270C	11/28/08	1
Pyrene	BDL	0.036	mg/kg	8270C	11/28/08	1
Surrogate Recovery						
Nitrobenzene-d5	64.3		% Rec.	8270C	11/28/08	1
2-Fluorobiphenyl	61.5		% Rec.	8270C	11/28/08	1
p-Terphenyl-d14	64.8		% Rec.	8270C	11/28/08	1

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1-800-767-5859
Fax (615) 758-5859

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-05

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-3 6-8 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	97.1		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	BDL	5.6	mg/kg	MADEPV	12/02/08	54
C5-C8 Aliphatics	BDL	5.6	mg/kg	MADEPV	12/02/08	54
C9-C12 Aliphatics	BDL	5.6	mg/kg	MADEPV	12/02/08	54
C9-C10 Aromatics	BDL	5.6	mg/kg	MADEPV	12/02/08	54
Surrogate Recovery						
2,5-Dibromotoluene(FID)	92.0		% Rec.	MADEPV	12/02/08	54
2,5-Dibromotoluene(PID)	90.3		% Rec.	MADEPV	12/02/08	54
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	12/04/08	1.01
Acrylonitrile	BDL	0.010	mg/kg	8260B	12/04/08	1.01
Benzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Bromobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Bromoform	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Bromomethane	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Chlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Chloroethane	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	12/04/08	1.01
Chloroform	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
Chloromethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Dibromomethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01

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Fax (615) 758-5859

Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-05

Site ID :

Project # : 6550080509.01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Sample ID : GB-3 6-8 FT

Collected By : AEG
Collection Date : 11/25/08 09:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Ethylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	12/04/08	1.01
Methylene Chloride	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	12/04/08	1.01
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Naphthalene	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Styrene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Toluene	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Trichloroethene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	12/04/08	1.01
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Vinyl chloride	BDL	0.0010	mg/kg	8260B	12/04/08	1.01
Xylenes, Total	BDL	0.0031	mg/kg	8260B	12/04/08	1.01
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	12/04/08	1.01
Dibromofluoromethane	89.8		% Rec.	8260B	12/04/08	1.01
4-Bromofluorobenzene	81.0		% Rec.	8260B	12/04/08	1.01
Extractable Petroleum Hydrocarb	49.	6.7	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	BDL	6.7	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	42.	6.7	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	7.1	6.7	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	70.3		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	87.4		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	77.5		% Rec.	MADEPE	12/05/08	1

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REPORT OF ANALYSIS

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December 08,2008

ESC Sample # : L376958-05

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-3 6-8 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	84.7		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.034	mg/kg	8270C	12/01/08	1
Acenaphthene	BDL	0.034	mg/kg	8270C	12/01/08	1
Acenaphthylene	BDL	0.034	mg/kg	8270C	12/01/08	1
Benzo(a)anthracene	BDL	0.034	mg/kg	8270C	12/01/08	1
Benzo(a)pyrene	BDL	0.034	mg/kg	8270C	12/01/08	1
Benzo(b)fluoranthene	BDL	0.034	mg/kg	8270C	12/01/08	1
Benzo(g,h,i)perylene	BDL	0.034	mg/kg	8270C	12/01/08	1
Benzo(k)fluoranthene	BDL	0.034	mg/kg	8270C	12/01/08	1
Chrysene	BDL	0.034	mg/kg	8270C	12/01/08	1
Dibenz(a,h)anthracene	BDL	0.034	mg/kg	8270C	12/01/08	1
Fluoranthene	BDL	0.034	mg/kg	8270C	12/01/08	1
Fluorene	BDL	0.034	mg/kg	8270C	12/01/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.034	mg/kg	8270C	12/01/08	1
Naphthalene	BDL	0.034	mg/kg	8270C	12/01/08	1
Phenanthrene	BDL	0.034	mg/kg	8270C	12/01/08	1
Pyrene	BDL	0.034	mg/kg	8270C	12/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	67.4		% Rec.	8270C	12/01/08	1
2-Fluorobiphenyl	70.3		% Rec.	8270C	12/01/08	1
p-Terphenyl-d14	78.9		% Rec.	8270C	12/01/08	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-06

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-3 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.0		%	2540G	12/04/08	1
Volatile Petroleum Hydrocarbons	BDL	5.7	mg/kg	MADEPV	12/02/08	54
C5-C8 Aliphatics	BDL	5.7	mg/kg	MADEPV	12/02/08	54
C9-C12 Aliphatics	BDL	5.7	mg/kg	MADEPV	12/02/08	54
C9-C10 Aromatics	BDL	5.7	mg/kg	MADEPV	12/02/08	54
Surrogate Recovery						
2,5-Dibromotoluene(FID)	96.8		% Rec.	MADEPV	12/02/08	54
2,5-Dibromotoluene(PID)	94.8		% Rec.	MADEPV	12/02/08	54
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	12/04/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	12/04/08	1
Benzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	12/04/08	1
Bromomethane	BDL	0.0053	mg/kg	8260B	12/04/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	12/04/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Chloroethane	BDL	0.0053	mg/kg	8260B	12/04/08	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	12/04/08	1
Chloroform	BDL	0.0053	mg/kg	8260B	12/04/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/04/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	12/04/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	12/04/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/04/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/04/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/04/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
Wilmington, NC 28403

December 08,2008

ESC Sample # : L376958-06

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Site ID :

Sample ID : GB-3 13-15 FT

Project # : 6550080509.01

Collected By : AEG
Collection Date : 11/25/08 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/04/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/04/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	12/04/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	12/04/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	12/04/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	12/04/08	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	12/04/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	12/04/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	12/04/08	1
Naphthalene	BDL	0.0053	mg/kg	8260B	12/04/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Styrene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Tetrachloroethene	0.0012	0.0011	mg/kg	8260B	12/04/08	1
Toluene	BDL	0.0053	mg/kg	8260B	12/04/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	12/04/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	12/04/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	12/04/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	12/04/08	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	12/04/08	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	12/04/08	1
Dibromofluoromethane	92.9		% Rec.	8260B	12/04/08	1
4-Bromofluorobenzene	69.5		% Rec.	8260B	12/04/08	1
Extractable Petroleum Hydrocarb	BDL	6.9	mg/kg	MADEPE	12/05/08	1
C9-C18 Aliphatics	BDL	6.9	mg/kg	MADEPE	12/05/08	1
C19-C36 Aliphatics	BDL	6.9	mg/kg	MADEPE	12/05/08	1
C11-C22 Aromatics	BDL	6.9	mg/kg	MADEPE	12/05/08	1
Surrogate Recovery						
o-Terphenyl	71.5		% Rec.	MADEPE	12/05/08	1
1-Chloro-octadecane	82.1		% Rec.	MADEPE	12/05/08	1
2-Fluorobiphenyl	82.3		% Rec.	MADEPE	12/05/08	1

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REPORT OF ANALYSIS

Chris Pruneau
MACTEC - Wilmington, NC
5710 Oleander Drive, Suite 110
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December 08,2008

ESC Sample # : L376958-06

Site ID :

Project # : 6550080509.01

Date Received : November 26, 2008
Description : RSC Additional Soil Sampling

Sample ID : GB-3 13-15 FT

Collected By : AEG
Collection Date : 11/25/08 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2-Bromonaphthanene	89.4		% Rec.	MADEPE	12/05/08	1
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.035	mg/kg	8270C	12/01/08	1
Acenaphthene	BDL	0.035	mg/kg	8270C	12/01/08	1
Acenaphthylene	BDL	0.035	mg/kg	8270C	12/01/08	1
Benzo(a)anthracene	BDL	0.035	mg/kg	8270C	12/01/08	1
Benzo(a)pyrene	BDL	0.035	mg/kg	8270C	12/01/08	1
Benzo(b)fluoranthene	BDL	0.035	mg/kg	8270C	12/01/08	1
Benzo(g,h,i)perylene	BDL	0.035	mg/kg	8270C	12/01/08	1
Benzo(k)fluoranthene	BDL	0.035	mg/kg	8270C	12/01/08	1
Chrysene	BDL	0.035	mg/kg	8270C	12/01/08	1
Dibenz(a,h)anthracene	BDL	0.035	mg/kg	8270C	12/01/08	1
Fluoranthene	BDL	0.035	mg/kg	8270C	12/01/08	1
Fluorene	BDL	0.035	mg/kg	8270C	12/01/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.035	mg/kg	8270C	12/01/08	1
Naphthalene	BDL	0.035	mg/kg	8270C	12/01/08	1
Phenanthrene	BDL	0.035	mg/kg	8270C	12/01/08	1
Pyrene	BDL	0.035	mg/kg	8270C	12/01/08	1
Surrogate Recovery						
Nitrobenzene-d5	63.9		% Rec.	8270C	12/01/08	1
2-Fluorobiphenyl	69.7		% Rec.	8270C	12/01/08	1
p-Terphenyl-d14	74.5		% Rec.	8270C	12/01/08	1

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Reported: 12/08/08 10:11 Printed: 12/08/08 13:13

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L376958-01	WG395944	SAMP	Acenaphthene	R548328	J3
	WG395944	SAMP	Acenaphthylene	R548328	J3
	WG395944	SAMP	Benzo(g,h,i)perylene	R548328	J3
	WG395944	SAMP	Fluoranthene	R548328	J3
	WG395944	SAMP	Phenanthrene	R548328	J3
L376958-02	WG395944	SAMP	Acenaphthene	R548328	J3
	WG395944	SAMP	Acenaphthylene	R548328	J3
	WG395944	SAMP	Benzo(g,h,i)perylene	R548328	J3
	WG395944	SAMP	Fluoranthene	R548328	J3
	WG395944	SAMP	Phenanthrene	R548328	J3
L376958-03	WG395944	SAMP	Acenaphthene	R548328	J3
	WG395944	SAMP	Acenaphthylene	R548328	J3
	WG395944	SAMP	Benzo(g,h,i)perylene	R548328	J3
	WG395944	SAMP	Fluoranthene	R548328	J3
	WG395944	SAMP	Phenanthrene	R548328	J3
L376958-04	WG395944	SAMP	Acenaphthene	R548328	J3
	WG395944	SAMP	Acenaphthylene	R548328	J3
	WG395944	SAMP	Benzo(g,h,i)perylene	R548328	J3
	WG395944	SAMP	Fluoranthene	R548328	J3
	WG395944	SAMP	Phenanthrene	R548328	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
12/08/08 at 13:13:54

TSR Signing Reports: 350
R5 - Desired TAT

All invoices need PO number- jeh 7/16/02 No "E" qualifiers - jeh 10/23/02; Send blank chains with kits - jeh 7/24/06

Sample: L376958-01 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

Sample: L376958-02 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

Sample: L376958-03 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

Sample: L376958-04 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

Sample: L376958-05 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

Sample: L376958-06 Account: LAWENGWN Received: 11/26/08 09:00 Due Date: 12/04/08 00:00 RPT Date: 12/08/08 10:11

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Quality Assurance Report
Level II

L376958

December 08, 2008

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Acenaphthene	< .33	ppm			WG396139	12/01/08 11:10
Acenaphthylene	< .33	ppm			WG396139	12/01/08 11:10
Anthracene	< .33	ppm			WG396139	12/01/08 11:10
Benzo(a)anthracene	< .33	ppm			WG396139	12/01/08 11:10
Benzo(a)pyrene	< .33	ppm			WG396139	12/01/08 11:10
Benzo(b)fluoranthene	< .33	ppm			WG396139	12/01/08 11:10
Benzo(g,h,i)perylene	< .33	ppm			WG396139	12/01/08 11:10
Benzo(k)fluoranthene	< .33	ppm			WG396139	12/01/08 11:10
Chrysene	< .33	ppm			WG396139	12/01/08 11:10
Dibenz(a,h)anthracene	< .33	ppm			WG396139	12/01/08 11:10
Fluoranthene	< .33	ppm			WG396139	12/01/08 11:10
Fluorene	< .33	ppm			WG396139	12/01/08 11:10
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG396139	12/01/08 11:10
Naphthalene	< .33	ppm			WG396139	12/01/08 11:10
Phenanthrene	< .33	ppm			WG396139	12/01/08 11:10
Pyrene	< .33	ppm			WG396139	12/01/08 11:10
2-Fluorobiphenyl		% Rec.	91.29	30-120	WG396139	12/01/08 11:10
Nitrobenzene-d5		% Rec.	79.42	18-119	WG396139	12/01/08 11:10
p-Terphenyl-d14		% Rec.	105.3	23-143	WG396139	12/01/08 11:10
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG396599	12/03/08 20:37
4-Bromofluorobenzene		% Rec.	81.13	59-140	WG396599	12/03/08 20:37
Dibromofluoromethane		% Rec.	100.3	63-139	WG396599	12/03/08 20:37
Toluene-d8		% Rec.	102.1	84-116	WG396599	12/03/08 20:37
a,a,a-Trifluorotoluene		% Rec.	99.45	80-118	WG396599	12/03/08 20:37
Total Solids	< .1	%			WG396620	12/04/08 11:31
Total Solids	< .1	%			WG396619	12/04/08 11:01

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	86.3	86.6	0.324	5	L376971-03	WG396620
Total Solids	%	96.9	97.1	0.196	5	L376958-05	WG396619

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Acenaphthene	ppm	.167	0.104	62.4	44-117	WG395944
Acenaphthylene	ppm	.167	0.108	64.7	43-118	WG395944
Anthracene	ppm	.167	0.103	62.0	42-127	WG395944
Benzo(a)anthracene	ppm	.167	0.111	66.3	45-127	WG395944
Benzo(a)pyrene	ppm	.167	0.115	68.8	46-123	WG395944
Benzo(b)fluoranthene	ppm	.167	0.110	65.6	43-126	WG395944
Benzo(g,h,i)perylene	ppm	.167	0.118	70.4	43-128	WG395944
Benzo(k)fluoranthene	ppm	.167	0.122	73.2	40-126	WG395944
Chrysene	ppm	.167	0.105	62.6	44-129	WG395944
Dibenz(a,h)anthracene	ppm	.167	0.112	67.2	43-127	WG395944
Fluoranthene	ppm	.167	0.110	65.9	44-125	WG395944
Fluorene	ppm	.167	0.106	63.6	45-121	WG395944
Indeno(1,2,3-cd)pyrene	ppm	.167	0.119	71.4	43-127	WG395944
Naphthalene	ppm	.167	0.103	61.6	32-113	WG395944

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Phenanthrene	ppm	.167	0.0962	57.6	43-124	WG395944
Pyrene	ppm	.167	0.103	61.8	47-128	WG395944
2-Fluorobiphenyl				62.25	30-120	WG395944
Nitrobenzene-d5				67.49	18-119	WG395944
p-Terphenyl-d14				70.56	23-143	WG395944
Acenaphthene	ppm	.167	0.126	75.6	44-117	WG396139
Acenaphthylene	ppm	.167	0.127	76.3	43-118	WG396139
Anthracene	ppm	.167	0.142	84.8	42-127	WG396139
Benzo(a)anthracene	ppm	.167	0.139	83.3	45-127	WG396139
Benzo(a)pyrene	ppm	.167	0.151	90.3	46-123	WG396139
Benzo(b)fluoranthene	ppm	.167	0.136	81.2	43-126	WG396139
Benzo(g,h,i)perylene	ppm	.167	0.139	83.3	43-128	WG396139
Benzo(k)fluoranthene	ppm	.167	0.152	91.3	40-126	WG396139
Chrysene	ppm	.167	0.157	94.0	44-129	WG396139
Dibenz(a,h)anthracene	ppm	.167	0.130	77.7	43-127	WG396139
Fluoranthene	ppm	.167	0.148	88.7	44-125	WG396139
Fluorene	ppm	.167	0.131	78.2	45-121	WG396139
Indeno(1,2,3-cd)pyrene	ppm	.167	0.139	83.5	43-127	WG396139
Naphthalene	ppm	.167	0.115	69.1	32-113	WG396139
Phenanthrene	ppm	.167	0.123	73.8	43-124	WG396139
Pyrene	ppm	.167	0.146	87.2	47-128	WG396139
2-Fluorobiphenyl				78.80	30-120	WG396139
Nitrobenzene-d5				77.83	18-119	WG396139
p-Terphenyl-d14				105.4	23-143	WG396139
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0497	99.4	73-134	WG396398
1,1,1-Trichloroethane	mg/kg	.05	0.0471	94.2	62-135	WG396398
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0500	99.9	74-129	WG396398
1,1,2-Trichloroethane	mg/kg	.05	0.0487	97.3	77-124	WG396398
1,1-Dichloroethane	mg/kg	.05	0.0478	95.5	61-134	WG396398
1,1-Dichloroethene	mg/kg	.05	0.0422	84.4	53-136	WG396398
1,1-Dichloropropene	mg/kg	.05	0.0462	92.3	63-132	WG396398
1,2,3-Trichlorobenzene	mg/kg	.05	0.0472	94.5	62-146	WG396398
1,2,3-Trichloropropane	mg/kg	.05	0.0479	95.8	70-133	WG396398
1,2,4-Trichlorobenzene	mg/kg	.05	0.0485	97.0	61-148	WG396398
1,2,4-Trimethylbenzene	mg/kg	.05	0.0478	95.6	68-135	WG396398
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0434	86.7	61-134	WG396398
1,2-Dibromoethane	mg/kg	.05	0.0450	90.0	76-127	WG396398
1,2-Dichlorobenzene	mg/kg	.05	0.0476	95.1	77-123	WG396398
1,2-Dichloroethane	mg/kg	.05	0.0453	90.7	58-141	WG396398
1,2-Dichloropropane	mg/kg	.05	0.0500	100.	71-128	WG396398
1,3,5-Trimethylbenzene	mg/kg	.05	0.0485	97.1	71-133	WG396398
1,3-Dichlorobenzene	mg/kg	.05	0.0477	95.5	71-132	WG396398
1,3-Dichloropropane	mg/kg	.05	0.0457	91.4	76-120	WG396398
1,4-Dichlorobenzene	mg/kg	.05	0.0467	93.4	72-123	WG396398
2,2-Dichloropropane	mg/kg	.05	0.0466	93.3	50-147	WG396398
2-Butanone (MEK)	mg/kg	.25	0.242	96.9	51-131	WG396398
2-Chloroethyl vinyl ether	mg/kg	.25	0.231	92.6	0-188	WG396398
2-Chlorotoluene	mg/kg	.05	0.0474	94.8	73-128	WG396398
4-Chlorotoluene	mg/kg	.05	0.0468	93.7	72-129	WG396398
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.238	95.1	61-143	WG396398
Acetone	mg/kg	.25	0.229	91.6	44-140	WG396398
Acrylonitrile	mg/kg	.25	0.262	105.	55-143	WG396398
Benzene	mg/kg	.05	0.0454	90.7	65-128	WG396398
Bromobenzene	mg/kg	.05	0.0468	93.7	75-123	WG396398

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SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

MACTEC - Wilmington, NC
Chris Pruneau
5710 Oleander Drive, Suite 110

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Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Bromodichloromethane	mg/kg	.05	0.0481	96.2	66-126	WG396398
Bromoform	mg/kg	.05	0.0488	97.6	64-139	WG396398
Bromomethane	mg/kg	.05	0.0415	82.9	41-175	WG396398
Carbon tetrachloride	mg/kg	.05	0.0453	90.7	60-140	WG396398
Chlorobenzene	mg/kg	.05	0.0476	95.2	75-125	WG396398
Chlorodibromomethane	mg/kg	.05	0.0482	96.3	72-137	WG396398
Chloroethane	mg/kg	.05	0.0453	90.6	44-159	WG396398
Chloroform	mg/kg	.05	0.0472	94.3	63-123	WG396398
Chloromethane	mg/kg	.05	0.0461	92.2	42-149	WG396398
cis-1,2-Dichloroethene	mg/kg	.05	0.0484	96.7	71-129	WG396398
cis-1,3-Dichloropropene	mg/kg	.05	0.0487	97.4	73-132	WG396398
Di-isopropyl ether	mg/kg	.05	0.0495	99.0	59-143	WG396398
Dibromomethane	mg/kg	.05	0.0444	88.7	70-130	WG396398
Dichlorodifluoromethane	mg/kg	.05	0.0477	95.3	26-186	WG396398
Ethylbenzene	mg/kg	.05	0.0474	94.8	74-128	WG396398
Hexachloro-1,3-butadiene	mg/kg	.05	0.0479	95.8	65-137	WG396398
Isopropylbenzene	mg/kg	.05	0.0484	96.8	73-130	WG396398
Methyl tert-butyl ether	mg/kg	.05	0.0447	89.4	44-148	WG396398
Methylene Chloride	mg/kg	.05	0.0436	87.2	57-129	WG396398
n-Butylbenzene	mg/kg	.05	0.0510	102.	60-145	WG396398
n-Propylbenzene	mg/kg	.05	0.0484	96.9	71-132	WG396398
Naphthalene	mg/kg	.05	0.0460	92.0	61-142	WG396398
p-Isopropyltoluene	mg/kg	.05	0.0491	98.3	67-138	WG396398
sec-Butylbenzene	mg/kg	.05	0.0499	99.7	71-134	WG396398
Styrene	mg/kg	.05	0.0495	98.9	76-133	WG396398
tert-Butylbenzene	mg/kg	.05	0.0489	97.7	72-132	WG396398
Tetrachloroethene	mg/kg	.05	0.0441	88.2	65-135	WG396398
Toluene	mg/kg	.05	0.0441	88.3	70-120	WG396398
trans-1,2-Dichloroethene	mg/kg	.05	0.0431	86.3	61-133	WG396398
trans-1,3-Dichloropropene	mg/kg	.05	0.0465	92.9	70-135	WG396398
Trichloroethene	mg/kg	.05	0.0432	86.4	71-126	WG396398
Trichlorofluoromethane	mg/kg	.05	0.0526	105.	52-147	WG396398
Vinyl chloride	mg/kg	.05	0.0411	82.1	50-151	WG396398
Xylenes, Total	mg/kg	.15	0.144	95.8	74-127	WG396398
4-Bromofluorobenzene				97.93	59-140	WG396398
Dibromofluoromethane				102.3	63-139	WG396398
Toluene-d8				101.0	84-116	WG396398
a,a,a-Trifluorotoluene				102.2	80-118	WG396398
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0475	94.9	73-134	WG396599
1,1,1-Trichloroethane	mg/kg	.05	0.0538	108.	62-135	WG396599
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0522	104.	74-129	WG396599
1,1,2-Trichloroethane	mg/kg	.05	0.0551	110.	77-124	WG396599
1,1-Dichloroethane	mg/kg	.05	0.0553	111.	61-134	WG396599
1,1-Dichloroethene	mg/kg	.05	0.0521	104.	53-136	WG396599
1,1-Dichloropropene	mg/kg	.05	0.0570	114.	63-132	WG396599
1,2,3-Trichlorobenzene	mg/kg	.05	0.0612	122.	62-146	WG396599
1,2,3-Trichloropropane	mg/kg	.05	0.0554	111.	70-133	WG396599
1,2,4-Trichlorobenzene	mg/kg	.05	0.0585	117.	61-148	WG396599
1,2,4-Trimethylbenzene	mg/kg	.05	0.0436	87.2	68-135	WG396599
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0552	110.	61-134	WG396599
1,2-Dibromoethane	mg/kg	.05	0.0472	94.4	76-127	WG396599
1,2-Dichlorobenzene	mg/kg	.05	0.0538	108.	77-123	WG396599
1,2-Dichloroethane	mg/kg	.05	0.0575	115.	58-141	WG396599
1,2-Dichloropropane	mg/kg	.05	0.0547	109.	71-128	WG396599
1,3,5-Trimethylbenzene	mg/kg	.05	0.0438	87.7	71-133	WG396599
1,3-Dichlorobenzene	mg/kg	.05	0.0451	90.3	71-132	WG396599

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Level II

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December 08, 2008

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
1,3-Dichloropropane	mg/kg	.05	0.0493	98.5	76-120	WG396599
1,4-Dichlorobenzene	mg/kg	.05	0.0536	107.	72-123	WG396599
2,2-Dichloropropane	mg/kg	.05	0.0517	103.	50-147	WG396599
2-Butanone (MEK)	mg/kg	.25	0.242	96.7	51-131	WG396599
2-Chloroethyl vinyl ether	mg/kg	.25	0.298	119.	0-188	WG396599
2-Chlorotoluene	mg/kg	.05	0.0431	86.3	73-128	WG396599
4-Chlorotoluene	mg/kg	.05	0.0440	88.0	72-129	WG396599
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.283	113.	61-143	WG396599
Acetone	mg/kg	.25	0.292	117.	44-140	WG396599
Acrylonitrile	mg/kg	.25	0.295	118.	55-143	WG396599
Benzene	mg/kg	.05	0.0538	108.	65-128	WG396599
Bromobenzene	mg/kg	.05	0.0517	103.	75-123	WG396599
Bromodichloromethane	mg/kg	.05	0.0548	110.	66-126	WG396599
Bromoform	mg/kg	.05	0.0463	92.5	64-139	WG396599
Bromomethane	mg/kg	.05	0.0474	94.8	41-175	WG396599
Carbon tetrachloride	mg/kg	.05	0.0526	105.	60-140	WG396599
Chlorobenzene	mg/kg	.05	0.0473	94.6	75-125	WG396599
Chlorodibromomethane	mg/kg	.05	0.0465	93.0	72-137	WG396599
Chloroethane	mg/kg	.05	0.0619	124.	44-159	WG396599
Chloroform	mg/kg	.05	0.0521	104.	63-123	WG396599
Chloromethane	mg/kg	.05	0.0436	87.2	42-149	WG396599
cis-1,2-Dichloroethene	mg/kg	.05	0.0529	106.	71-129	WG396599
cis-1,3-Dichloropropene	mg/kg	.05	0.0576	115.	73-132	WG396599
Di-isopropyl ether	mg/kg	.05	0.0593	119.	59-143	WG396599
Dibromomethane	mg/kg	.05	0.0558	112.	70-130	WG396599
Dichlorodifluoromethane	mg/kg	.05	0.0556	111.	26-186	WG396599
Ethylbenzene	mg/kg	.05	0.0464	92.8	74-128	WG396599
Hexachloro-1,3-butadiene	mg/kg	.05	0.0631	126.	65-137	WG396599
Isopropylbenzene	mg/kg	.05	0.0454	90.7	73-130	WG396599
Methyl tert-butyl ether	mg/kg	.05	0.0544	109.	44-148	WG396599
Methylene Chloride	mg/kg	.05	0.0505	101.	57-129	WG396599
n-Butylbenzene	mg/kg	.05	0.0543	109.	60-145	WG396599
n-Propylbenzene	mg/kg	.05	0.0445	89.0	71-132	WG396599
Naphthalene	mg/kg	.05	0.0568	114.	61-142	WG396599
p-Isopropyltoluene	mg/kg	.05	0.0520	104.	67-138	WG396599
sec-Butylbenzene	mg/kg	.05	0.0437	87.4	71-134	WG396599
Styrene	mg/kg	.05	0.0474	94.7	76-133	WG396599
tert-Butylbenzene	mg/kg	.05	0.0436	87.1	72-132	WG396599
Tetrachloroethene	mg/kg	.05	0.0444	88.7	65-135	WG396599
Toluene	mg/kg	.05	0.0523	105.	70-120	WG396599
trans-1,2-Dichloroethene	mg/kg	.05	0.0530	106.	61-133	WG396599
trans-1,3-Dichloropropene	mg/kg	.05	0.0585	117.	70-135	WG396599
Trichloroethene	mg/kg	.05	0.0570	114.	71-126	WG396599
Trichlorofluoromethane	mg/kg	.05	0.0407	81.3	52-147	WG396599
Vinyl chloride	mg/kg	.05	0.0578	116.	50-151	WG396599
Xylenes, Total	mg/kg	.15	0.138	92.0	74-127	WG396599
4-Bromofluorobenzene				77.18	59-140	WG396599
Dibromofluoromethane				96.80	63-139	WG396599
Toluene-d8				99.75	84-116	WG396599
a,a,a-Trifluorotoluene				96.15	80-118	WG396599
Total Solids	%	50	50.0	100.	85-115	WG396620
Total Solids	%	50	50.0	100.	85-115	WG396619

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Mt. Juliet, TN 37122
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1-800-767-5859
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Tax I.D. 62-0814289

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Chris Pruneau
5710 Oleander Drive, Suite 110

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Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Acenaphthene	ppm	0.081	0.104	49.0	44-117	24.5*	21	WG395944
Acenaphthylene	ppm	0.082	0.108	49.0	43-118	27.0*	20	WG395944
Anthracene	ppm	0.084	0.103	51.0	42-127	19.8	21	WG395944
Benzo(a)anthracene	ppm	0.089	0.111	54.0	45-127	20.9	21	WG395944
Benzo(a)pyrene	ppm	0.096	0.115	58.0	46-123	17.0	20	WG395944
Benzo(b)fluoranthene	ppm	0.091	0.110	55.0	43-126	17.9	27	WG395944
Benzo(g,h,i)perylene	ppm	0.095	0.118	57.0	43-128	20.6*	20	WG395944
Benzo(k)fluoranthene	ppm	0.097	0.122	58.0	40-126	22.9	32	WG395944
Chrysene	ppm	0.083	0.105	50.0	44-129	21.9	22	WG395944
Dibenz(a,h)anthracene	ppm	0.094	0.112	57.0	43-127	17.0	20	WG395944
Fluoranthene	ppm	0.085	0.110	51.0	44-125	24.8*	22	WG395944
Fluorene	ppm	0.088	0.106	53.0	45-121	18.4	20	WG395944
Indeno(1,2,3-cd)pyrene	ppm	0.101	0.119	60.0	43-127	16.6	21	WG395944
Naphthalene	ppm	0.084	0.103	51.0	32-113	19.6	26	WG395944
Phenanthrene	ppm	0.074	0.096	45.0	43-124	25.4*	21	WG395944
Pyrene	ppm	0.085	0.103	51.0	47-128	19.1	20	WG395944
2-Fluorobiphenyl				50.00	30-120			WG395944
Nitrobenzene-d5				55.01	18-119			WG395944
p-Terphenyl-d14				55.93	23-143			WG395944
Acenaphthene	ppm	0.147	0.126	88.0	44-117	15.4	21	WG396139
Acenaphthylene	ppm	0.142	0.127	85.0	43-118	10.6	20	WG396139
Anthracene	ppm	0.145	0.142	87.0	42-127	2.52	21	WG396139
Benzo(a)anthracene	ppm	0.140	0.139	84.0	45-127	0.473	21	WG396139
Benzo(a)pyrene	ppm	0.159	0.151	95.0	46-123	5.13	20	WG396139
Benzo(b)fluoranthene	ppm	0.127	0.136	76.0	43-126	6.23	27	WG396139
Benzo(g,h,i)perylene	ppm	0.145	0.139	87.0	43-128	4.41	20	WG396139
Benzo(k)fluoranthene	ppm	0.167	0.152	100.	40-126	8.82	32	WG396139
Chrysene	ppm	0.154	0.157	92.0	44-129	2.19	22	WG396139
Dibenz(a,h)anthracene	ppm	0.135	0.130	81.0	43-127	3.70	20	WG396139
Fluoranthene	ppm	0.147	0.148	88.0	44-125	0.650	22	WG396139
Fluorene	ppm	0.144	0.131	86.0	45-121	9.73	20	WG396139
Indeno(1,2,3-cd)pyrene	ppm	0.145	0.139	87.0	43-127	4.09	21	WG396139
Naphthalene	ppm	0.133	0.115	80.0	32-113	14.5	26	WG396139
Phenanthrene	ppm	0.129	0.123	77.0	43-124	4.41	21	WG396139
Pyrene	ppm	0.152	0.146	91.0	47-128	4.10	20	WG396139
2-Fluorobiphenyl				90.56	30-120			WG396139
Nitrobenzene-d5				85.47	18-119			WG396139
p-Terphenyl-d14				101.0	23-143			WG396139
1,1,1,2-Tetrachloroethane	mg/kg	0.047	0.049	95.0	73-134	4.46	20	WG396398
1,1,1-Trichloroethane	mg/kg	0.045	0.047	91.0	62-135	3.40	20	WG396398
1,1,2,2-Tetrachloroethane	mg/kg	0.052	0.050	104.	74-129	3.92	20	WG396398
1,1,2-Trichloroethane	mg/kg	0.047	0.048	96.0	77-124	1.46	20	WG396398
1,1-Dichloroethane	mg/kg	0.046	0.047	93.0	61-134	2.53	20	WG396398
1,1-Dichloroethene	mg/kg	0.041	0.042	82.0	53-136	2.86	20	WG396398
1,1-Dichloropropene	mg/kg	0.045	0.046	91.0	63-132	1.59	20	WG396398
1,2,3-Trichlorobenzene	mg/kg	0.049	0.047	98.0	62-146	3.63	20	WG396398
1,2,3-Trichloropropane	mg/kg	0.048	0.047	98.0	70-133	2.12	20	WG396398
1,2,4-Trichlorobenzene	mg/kg	0.049	0.048	100.	61-148	2.86	20	WG396398
1,2,4-Trimethylbenzene	mg/kg	0.046	0.047	93.0	68-135	2.89	20	WG396398
1,2-Dibromo-3-Chloropropane	mg/kg	0.048	0.043	98.0	61-134	11.7	21	WG396398
1,2-Dibromoethane	mg/kg	0.045	0.045	92.0	76-127	1.71	20	WG396398
1,2-Dichlorobenzene	mg/kg	0.046	0.047	93.0	77-123	2.43	20	WG396398
1,2-Dichloroethane	mg/kg	0.045	0.045	91.0	58-141	0.212	20	WG396398
1,2-Dichloropropane	mg/kg	0.049	0.050	99.0	71-128	1.44	20	WG396398
1,3,5-Trimethylbenzene	mg/kg	0.046	0.048	94.0	71-133	3.58	20	WG396398

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Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,3-Dichlorobenzene	mg/kg	0.046	0.047	93.0	71-132	3.14	20	WG396398
1,3-Dichloropropane	mg/kg	0.045	0.045	91.0	76-120	0.501	20	WG396398
1,4-Dichlorobenzene	mg/kg	0.045	0.046	91.0	72-123	2.93	20	WG396398
2,2-Dichloropropane	mg/kg	0.045	0.046	91.0	50-147	2.06	20	WG396398
2-Butanone (MEK)	mg/kg	0.272	0.242	109.	51-131	11.6	25	WG396398
2-Chloroethyl vinyl ether	mg/kg	0.244	0.231	98.0	0-188	5.32	39	WG396398
2-Chlorotoluene	mg/kg	0.045	0.047	91.0	73-128	4.03	20	WG396398
4-Chlorotoluene	mg/kg	0.045	0.046	92.0	72-129	2.21	20	WG396398
4-Methyl-2-pentanone (MIBK)	mg/kg	0.267	0.238	107.	61-143	11.6	23	WG396398
Acetone	mg/kg	0.253	0.229	101.	44-140	10.0	25	WG396398
Acrylonitrile	mg/kg	0.286	0.262	114.	55-143	8.72	20	WG396398
Benzene	mg/kg	0.044	0.045	89.0	65-128	2.36	20	WG396398
Bromobenzene	mg/kg	0.045	0.046	91.0	75-123	2.61	20	WG396398
Bromodichloromethane	mg/kg	0.047	0.048	95.0	66-126	1.64	20	WG396398
Bromoform	mg/kg	0.050	0.048	100.	64-139	2.59	20	WG396398
Bromomethane	mg/kg	0.041	0.041	83.0	41-175	0.121	20	WG396398
Carbon tetrachloride	mg/kg	0.043	0.045	88.0	60-140	3.44	20	WG396398
Chlorobenzene	mg/kg	0.045	0.047	91.0	75-125	4.31	20	WG396398
Chlorodibromomethane	mg/kg	0.047	0.048	96.0	72-137	0.835	20	WG396398
Chloroethane	mg/kg	0.043	0.045	86.0	44-159	4.69	20	WG396398
Chloroform	mg/kg	0.046	0.047	92.0	63-123	2.45	20	WG396398
Chloromethane	mg/kg	0.044	0.046	89.0	42-149	3.95	20	WG396398
cis-1,2-Dichloroethene	mg/kg	0.047	0.048	94.0	71-129	2.91	20	WG396398
cis-1,3-Dichloropropene	mg/kg	0.048	0.048	97.0	73-132	0.104	20	WG396398
Di-isopropyl ether	mg/kg	0.048	0.049	97.0	59-143	1.66	20	WG396398
Dibromomethane	mg/kg	0.045	0.044	90.0	70-130	1.38	20	WG396398
Dichlorodifluoromethane	mg/kg	0.044	0.047	89.0	26-186	6.84	22	WG396398
Ethylbenzene	mg/kg	0.045	0.047	91.0	74-128	3.76	20	WG396398
Hexachloro-1,3-butadiene	mg/kg	0.046	0.047	93.0	65-137	2.86	20	WG396398
Isopropylbenzene	mg/kg	0.046	0.048	93.0	73-130	4.18	20	WG396398
Methyl tert-butyl ether	mg/kg	0.046	0.044	93.0	44-148	3.76	20	WG396398
Methylene Chloride	mg/kg	0.042	0.043	85.0	57-129	2.87	20	WG396398
n-Butylbenzene	mg/kg	0.049	0.051	99.0	60-145	3.24	20	WG396398
n-Propylbenzene	mg/kg	0.046	0.048	93.0	71-132	3.86	20	WG396398
Naphthalene	mg/kg	0.049	0.046	98.0	61-142	6.61	20	WG396398
p-Isopropyltoluene	mg/kg	0.047	0.049	95.0	67-138	3.04	20	WG396398
sec-Butylbenzene	mg/kg	0.047	0.049	95.0	71-134	4.43	20	WG396398
Styrene	mg/kg	0.047	0.049	94.0	76-133	4.78	20	WG396398
tert-Butylbenzene	mg/kg	0.047	0.048	94.0	72-132	3.91	20	WG396398
Tetrachloroethene	mg/kg	0.042	0.044	85.0	65-135	3.51	20	WG396398
Toluene	mg/kg	0.043	0.044	87.0	70-120	1.39	20	WG396398
trans-1,2-Dichloroethene	mg/kg	0.041	0.043	83.0	61-133	3.66	20	WG396398
trans-1,3-Dichloropropene	mg/kg	0.047	0.046	95.0	70-135	2.40	20	WG396398
Trichloroethene	mg/kg	0.042	0.043	86.0	71-126	0.804	20	WG396398
Trichlorofluoromethane	mg/kg	0.049	0.052	100.	52-147	5.53	20	WG396398
Vinyl chloride	mg/kg	0.038	0.041	78.0	50-151	5.34	20	WG396398
Xylenes, Total	mg/kg	0.137	0.144	91.0	74-127	4.66	20	WG396398
4-Bromofluorobenzene				96.84	59-140			WG396398
Dibromofluoromethane				101.9	63-139			WG396398
Toluene-d8				104.2	84-116			WG396398
a,a,a-Trifluorotoluene				103.3	80-118			WG396398
1,1,1,2-Tetrachloroethane	mg/kg	0.043	0.047	87.0	73-134	9.22	20	WG396599
1,1,1-Trichloroethane	mg/kg	0.050	0.053	102.	62-135	5.56	20	WG396599
1,1,2,2-Tetrachloroethane	mg/kg	0.052	0.052	104.	74-129	0.125	20	WG396599
1,1,2-Trichloroethane	mg/kg	0.051	0.055	102.	77-124	7.33	20	WG396599
1,1-Dichloroethane	mg/kg	0.052	0.055	105.	61-134	5.64	20	WG396599

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SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

MACTEC - Wilmington, NC
Chris Pruneau
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1-Dichloroethene	mg/kg	0.050	0.052	101.	53-136	3.47	20	WG396599
1,1-Dichloropropene	mg/kg	0.053	0.057	107.	63-132	6.81	20	WG396599
1,2,3-Trichlorobenzene	mg/kg	0.054	0.061	108.	62-146	12.5	20	WG396599
1,2,3-Trichloropropane	mg/kg	0.049	0.055	100.	70-133	10.7	20	WG396599
1,2,4-Trichlorobenzene	mg/kg	0.051	0.058	104.	61-148	12.0	20	WG396599
1,2,4-Trimethylbenzene	mg/kg	0.041	0.043	83.0	68-135	4.58	20	WG396599
1,2-Dibromo-3-Chloropropane	mg/kg	0.049	0.055	100.	61-134	10.1	21	WG396599
1,2-Dibromoethane	mg/kg	0.044	0.047	88.0	76-127	6.51	20	WG396599
1,2-Dichlorobenzene	mg/kg	0.049	0.053	98.0	77-123	9.02	20	WG396599
1,2-Dichloroethane	mg/kg	0.053	0.057	107.	58-141	7.58	20	WG396599
1,2-Dichloropropane	mg/kg	0.052	0.054	105.	71-128	4.64	20	WG396599
1,3,5-Trimethylbenzene	mg/kg	0.042	0.043	85.0	71-133	3.64	20	WG396599
1,3-Dichlorobenzene	mg/kg	0.041	0.045	84.0	71-132	7.45	20	WG396599
1,3-Dichloropropane	mg/kg	0.046	0.049	92.0	76-120	6.41	20	WG396599
1,4-Dichlorobenzene	mg/kg	0.049	0.053	98.0	72-123	9.05	20	WG396599
2,2-Dichloropropane	mg/kg	0.048	0.051	96.0	50-147	6.93	20	WG396599
2-Butanone (MEK)	mg/kg	0.243	0.242	97.0	51-131	0.617	25	WG396599
2-Chloroethyl vinyl ether	mg/kg	0.274	0.298	109.	0-188	8.43	39	WG396599
2-Chlorotoluene	mg/kg	0.040	0.043	80.0	73-128	7.59	20	WG396599
4-Chlorotoluene	mg/kg	0.041	0.044	83.0	72-129	5.50	20	WG396599
4-Methyl-2-pentanone (MIBK)	mg/kg	0.269	0.283	108.	61-143	4.82	23	WG396599
Acetone	mg/kg	0.273	0.292	109.	44-140	6.44	25	WG396599
Acrylonitrile	mg/kg	0.284	0.295	113.	55-143	4.13	20	WG396599
Benzene	mg/kg	0.050	0.053	101.	65-128	6.07	20	WG396599
Bromobenzene	mg/kg	0.049	0.051	100.	75-123	3.69	20	WG396599
Bromodichloromethane	mg/kg	0.052	0.054	105.	66-126	4.69	20	WG396599
Bromoform	mg/kg	0.043	0.046	88.0	64-139	5.32	20	WG396599
Bromomethane	mg/kg	0.046	0.047	92.0	41-175	3.04	20	WG396599
Carbon tetrachloride	mg/kg	0.049	0.052	98.0	60-140	7.24	20	WG396599
Chlorobenzene	mg/kg	0.043	0.047	87.0	75-125	8.43	20	WG396599
Chlorodibromomethane	mg/kg	0.046	0.046	92.0	72-137	0.930	20	WG396599
Chloroethane	mg/kg	0.061	0.061	123.	44-159	0.476	20	WG396599
Chloroform	mg/kg	0.049	0.052	98.0	63-123	5.80	20	WG396599
Chloromethane	mg/kg	0.044	0.043	88.0	42-149	1.19	20	WG396599
cis-1,2-Dichloroethene	mg/kg	0.051	0.052	102.	71-129	3.64	20	WG396599
cis-1,3-Dichloropropene	mg/kg	0.055	0.057	111.	73-132	4.09	20	WG396599
Di-isopropyl ether	mg/kg	0.054	0.059	110.	59-143	7.71	20	WG396599
Dibromomethane	mg/kg	0.052	0.055	106.	70-130	5.46	20	WG396599
Dichlorodifluoromethane	mg/kg	0.050	0.055	101.	26-186	9.66	22	WG396599
Ethylbenzene	mg/kg	0.043	0.046	88.0	74-128	5.65	20	WG396599
Hexachloro-1,3-butadiene	mg/kg	0.055	0.063	111.	65-137	13.1	20	WG396599
Isopropylbenzene	mg/kg	0.041	0.045	84.0	73-130	8.13	20	WG396599
Methyl tert-butyl ether	mg/kg	0.050	0.054	102.	44-148	6.71	20	WG396599
Methylene Chloride	mg/kg	0.048	0.050	96.0	57-129	4.77	20	WG396599
n-Butylbenzene	mg/kg	0.050	0.054	100.	60-145	8.25	20	WG396599
n-Propylbenzene	mg/kg	0.042	0.044	86.0	71-132	3.57	20	WG396599
Naphthalene	mg/kg	0.051	0.056	103.	61-142	10.1	20	WG396599
p-Isopropyltoluene	mg/kg	0.048	0.052	96.0	67-138	7.67	20	WG396599
sec-Butylbenzene	mg/kg	0.042	0.043	85.0	71-134	3.12	20	WG396599
Styrene	mg/kg	0.045	0.047	90.0	76-133	5.00	20	WG396599
tert-Butylbenzene	mg/kg	0.041	0.043	83.0	72-132	5.23	20	WG396599
Tetrachloroethene	mg/kg	0.042	0.044	84.0	65-135	4.96	20	WG396599
Toluene	mg/kg	0.050	0.052	101.	70-120	3.33	20	WG396599
trans-1,2-Dichloroethene	mg/kg	0.049	0.053	100.	61-133	6.28	20	WG396599
trans-1,3-Dichloropropene	mg/kg	0.056	0.058	114.	70-135	2.72	20	WG396599
Trichloroethene	mg/kg	0.053	0.057	107.	71-126	5.97	20	WG396599
Trichlorofluoromethane	mg/kg	0.040	0.040	81.0	52-147	0.638	20	WG396599
Vinyl chloride	mg/kg	0.055	0.057	111.	50-151	3.96	20	WG396599

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Mt. Juliet, TN 37122
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1-800-767-5859
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Tax I.D. 62-0814289

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Chris Pruneau
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Duplicate RPD	Limit	Batch
Xylenes, Total	mg/kg	0.131	0.138	87.0	74-127	5.05	20	WG396599
4-Bromofluorobenzene				76.02	59-140			WG396599
Dibromofluoromethane				99.35	63-139			WG396599
Toluene-d8				102.2	84-116			WG396599
a,a,a-Trifluorotoluene				95.40	80-118			WG396599

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Acenaphthene	ppm	0.090	0.00	.167	54.2	38-121	L376854-13	WG395944
Acenaphthylene	ppm	0.091	0.00	.167	54.6	39-120	L376854-13	WG395944
Anthracene	ppm	0.095	0.00	.167	57.2	35-133	L376854-13	WG395944
Benzo(a)anthracene	ppm	0.088	0.00	.167	52.7	35-136	L376854-13	WG395944
Benzo(a)pyrene	ppm	0.099	0.00	.167	59.8	37-131	L376854-13	WG395944
Benzo(b)fluoranthene	ppm	0.095	0.00	.167	57.4	29-145	L376854-13	WG395944
Benzo(g,h,i)perylene	ppm	0.099	0.00	.167	59.7	10-139	L376854-13	WG395944
Benzo(k)fluoranthene	ppm	0.103	0.00	.167	61.6	31-140	L376854-13	WG395944
Chrysene	ppm	0.089	0.00	.167	53.4	34-137	L376854-13	WG395944
Dibenz(a,h)anthracene	ppm	0.098	0.00	.167	58.8	21-132	L376854-13	WG395944
Fluoranthene	ppm	0.101	0.00	.167	60.6	34-132	L376854-13	WG395944
Fluorene	ppm	0.095	0.00	.167	57.0	38-126	L376854-13	WG395944
Indeno(1,2,3-cd)pyrene	ppm	0.105	0.00	.167	62.7	17-134	L376854-13	WG395944
Naphthalene	ppm	0.090	0.00	.167	54.3	24-122	L376854-13	WG395944
Phenanthrene	ppm	0.087	0.00	.167	52.1	38-128	L376854-13	WG395944
Pyrene	ppm	0.091	0.00	.167	54.6	35-141	L376854-13	WG395944
2-Fluorobiphenyl					56.81	30-120		WG395944
Nitrobenzene-d5					60.51	18-119		WG395944
p-Terphenyl-d14					59.19	23-143		WG395944
1,1,1,2-Tetrachloroethane	mg/kg	0.222	0.00	.05	88.8	29-145	L376971-13	WG396398
1,1,1-Trichloroethane	mg/kg	0.233	0.00	.05	93.1	23-147	L376971-13	WG396398
1,1,2,2-Tetrachloroethane	mg/kg	0.257	0.00	.05	103.	18-150	L376971-13	WG396398
1,1,2-Trichloroethane	mg/kg	0.231	0.00	.05	92.5	35-140	L376971-13	WG396398
1,1-Dichloroethane	mg/kg	0.240	0.00	.05	96.0	24-148	L376971-13	WG396398
1,1-Dichloroethene	mg/kg	0.243	0.00	.05	97.1	10-149	L376971-13	WG396398
1,1-Dichloropropene	mg/kg	0.249	0.00	.05	99.8	10-141	L376971-13	WG396398
1,2,3-Trichlorobenzene	mg/kg	0.228	0.00	.05	91.3	10-129	L376971-13	WG396398
1,2,3-Trichloropropane	mg/kg	0.250	0.00	.05	100.	30-148	L376971-13	WG396398
1,2,4-Trichlorobenzene	mg/kg	0.227	0.000	.05	90.5	10-119	L376971-13	WG396398
1,2,4-Trimethylbenzene	mg/kg	0.218	0.000	.05	86.9	10-145	L376971-13	WG396398
1,2-Dibromo-3-Chloropropane	mg/kg	0.262	0.00	.05	105.	19-145	L376971-13	WG396398
1,2-Dibromoethane	mg/kg	0.232	0.00	.05	92.9	24-145	L376971-13	WG396398
1,2-Dichlorobenzene	mg/kg	0.217	0.00	.05	86.8	12-130	L376971-13	WG396398
1,2-Dichloroethane	mg/kg	0.237	0.00	.05	94.7	21-155	L376971-13	WG396398
1,2-Dichloropropane	mg/kg	0.244	0.00	.05	97.8	28-144	L376971-13	WG396398
1,3,5-Trimethylbenzene	mg/kg	0.218	0.001	.05	86.4	10-135	L376971-13	WG396398
1,3-Dichlorobenzene	mg/kg	0.212	0.00	.05	84.8	10-129	L376971-13	WG396398
1,3-Dichloropropane	mg/kg	0.224	0.00	.05	89.4	31-137	L376971-13	WG396398
1,4-Dichlorobenzene	mg/kg	0.213	0.00	.05	85.0	10-121	L376971-13	WG396398
2,2-Dichloropropane	mg/kg	0.235	0.00	.05	93.9	18-144	L376971-13	WG396398
2-Butanone (MEK)	mg/kg	1.55	0.00	.25	124.	21-143	L376971-13	WG396398
2-Chloroethyl vinyl ether	mg/kg	1.29	0.00	.25	103.	0-176	L376971-13	WG396398
2-Chlorotoluene	mg/kg	0.212	0.00	.05	84.9	10-132	L376971-13	WG396398
4-Chlorotoluene	mg/kg	0.215	0.00	.05	86.0	10-129	L376971-13	WG396398
4-Methyl-2-pentanone (MIBK)	mg/kg	1.46	0.00	.25	117.	31-151	L376971-13	WG396398
Acetone	mg/kg	1.45	0.040	.25	113.	13-158	L376971-13	WG396398
Acrylonitrile	mg/kg	1.60	0.00	.25	128.	20-154	L376971-13	WG396398

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MACTEC - Wilmington, NC
Chris Pruneau
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
		Matrix Spike						
Benzene	mg/kg	0.236	0.00	.05	94.5	16-143	L376971-13	WG396398
Bromobenzene	mg/kg	0.215	0.000	.05	85.9	14-135	L376971-13	WG396398
Bromodichloromethane	mg/kg	0.231	0.00	.05	92.2	27-139	L376971-13	WG396398
Bromoform	mg/kg	0.242	0.00	.05	96.8	21-144	L376971-13	WG396398
Bromomethane	mg/kg	0.257	0.00	.05	103.	0-180	L376971-13	WG396398
Carbon tetrachloride	mg/kg	0.236	0.00	.05	94.2	12-149	L376971-13	WG396398
Chlorobenzene	mg/kg	0.220	0.00	.05	88.0	17-134	L376971-13	WG396398
Chlorodibromomethane	mg/kg	0.227	0.00	.05	90.8	28-147	L376971-13	WG396398
Chloroethane	mg/kg	0.250	0.001	.05	99.2	0-172	L376971-13	WG396398
Chloroform	mg/kg	0.231	0.00	.05	92.5	28-138	L376971-13	WG396398
Chloromethane	mg/kg	0.282	0.00	.05	113.	10-158	L376971-13	WG396398
cis-1,2-Dichloroethene	mg/kg	0.251	0.00	.05	101.	21-147	L376971-13	WG396398
cis-1,3-Dichloropropene	mg/kg	0.248	0.00	.05	99.0	17-145	L376971-13	WG396398
Di-isopropyl ether	mg/kg	0.245	0.00	.05	98.1	31-153	L376971-13	WG396398
Dibromomethane	mg/kg	0.234	0.00	.05	93.5	24-147	L376971-13	WG396398
Dichlorodifluoromethane	mg/kg	0.268	0.00	.05	107.	0-192	L376971-13	WG396398
Ethylbenzene	mg/kg	0.222	0.00	.05	88.9	12-137	L376971-13	WG396398
Hexachloro-1,3-butadiene	mg/kg	0.194	0.00	.05	77.6	10-123	L376971-13	WG396398
Isopropylbenzene	mg/kg	0.219	0.00	.05	87.5	14-134	L376971-13	WG396398
Methyl tert-butyl ether	mg/kg	0.237	0.00	.05	94.8	21-157	L376971-13	WG396398
Methylene Chloride	mg/kg	0.233	0.005	.05	91.1	12-149	L376971-13	WG396398
n-Butylbenzene	mg/kg	0.223	0.00	.05	89.3	10-130	L376971-13	WG396398
n-Propylbenzene	mg/kg	0.221	0.000	.05	88.1	10-130	L376971-13	WG396398
Naphthalene	mg/kg	0.253	0.001	.05	101.	0-146	L376971-13	WG396398
p-Isopropyltoluene	mg/kg	0.217	0.00	.05	86.7	10-131	L376971-13	WG396398
sec-Butylbenzene	mg/kg	0.216	0.000	.05	86.2	10-134	L376971-13	WG396398
Styrene	mg/kg	0.227	0.00	.05	90.7	10-140	L376971-13	WG396398
tert-Butylbenzene	mg/kg	0.213	0.00	.05	85.0	11-137	L376971-13	WG396398
Tetrachloroethene	mg/kg	0.220	0.00	.05	87.9	10-131	L376971-13	WG396398
Toluene	mg/kg	0.228	0.00	.05	91.2	12-136	L376971-13	WG396398
trans-1,2-Dichloroethene	mg/kg	0.246	0.00	.05	98.5	10-143	L376971-13	WG396398
trans-1,3-Dichloropropene	mg/kg	0.237	0.00	.05	94.6	16-147	L376971-13	WG396398
Trichloroethene	mg/kg	0.230	0.00	.05	92.1	10-155	L376971-13	WG396398
Trichlorofluoromethane	mg/kg	0.263	0.00	.05	105.	10-154	L376971-13	WG396398
Vinyl chloride	mg/kg	0.239	0.00	.05	95.8	10-159	L376971-13	WG396398
Xylenes, Total	mg/kg	0.675	0.00	.15	90.0	10-138	L376971-13	WG396398
4-Bromofluorobenzene					95.55	59-140		WG396398
Dibromofluoromethane					105.7	63-139		WG396398
Toluene-d8					102.5	84-116		WG396398
a,a,a-Trifluorotoluene					100.6	80-118		WG396398
1,1,1,2-Tetrachloroethane	mg/kg	0.026	0.00	.05	10.4*	29-145	L377172-01	WG396599
1,1,1-Trichloroethane	mg/kg	0.046	0.00	.05	18.4*	23-147	L377172-01	WG396599
1,1,2,2-Tetrachloroethane	mg/kg	0.021	0.00	.05	8.41*	18-150	L377172-01	WG396599
1,1,2-Trichloroethane	mg/kg	0.027	0.00	.05	11.2*	35-140	L377172-01	WG396599
1,1-Dichloroethane	mg/kg	0.043	0.00	.05	17.6*	24-148	L377172-01	WG396599
1,1-Dichloroethene	mg/kg	0.044	0.00	.05	18.0	10-149	L377172-01	WG396599
1,1-Dichloropropene	mg/kg	0.043	0.00	.05	17.6	10-141	L377172-01	WG396599
1,2,3-Trichlorobenzene	mg/kg	0.007	0.00	.05	2.81*	10-129	L377172-01	WG396599
1,2,3-Trichloropropane	mg/kg	0.021	0.00	.05	8.62*	30-148	L377172-01	WG396599
1,2,4-Trichlorobenzene	mg/kg	0.007	0.00	.05	2.95*	10-119	L377172-01	WG396599
1,2,4-Trimethylbenzene	mg/kg	0.017	0.00	.05	6.97*	10-145	L377172-01	WG396599
1,2-Dibromo-3-Chloropropane	mg/kg	0.021	0.00	.05	8.51*	19-145	L377172-01	WG396599
1,2-Dibromoethane	mg/kg	0.021	0.00	.05	8.60*	24-145	L377172-01	WG396599
1,2-Dichlorobenzene	mg/kg	0.015	0.00	.05	6.17*	12-130	L377172-01	WG396599
1,2-Dichloroethane	mg/kg	0.041	0.00	.05	16.4*	21-155	L377172-01	WG396599
1,2-Dichloropropane	mg/kg	0.033	0.00	.05	13.5*	28-144	L377172-01	WG396599

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SCIENCE CORP.

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

MACTEC - Wilmington, NC
Chris Pruneau
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	MS	Matrix Spike Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,3,5-Trimethylbenzene	mg/kg		0.020	0.00	.05	8.35*	10-135	L377172-01	WG396599
1,3-Dichlorobenzene	mg/kg		0.010	0.00	.05	4.18*	10-129	L377172-01	WG396599
1,3-Dichloropropane	mg/kg		0.025	0.00	.05	10.1*	31-137	L377172-01	WG396599
1,4-Dichlorobenzene	mg/kg		0.016	0.00	.05	6.54*	10-121	L377172-01	WG396599
2,2-Dichloropropane	mg/kg		0.045	0.00	.05	18.3	18-144	L377172-01	WG396599
2-Butanone (MEK)	mg/kg		0.235	0.00	.25	18.8*	21-143	L377172-01	WG396599
2-Chloroethyl vinyl ether	mg/kg		0.122	0.00	.25	9.79	0-176	L377172-01	WG396599
2-Chlorotoluene	mg/kg		0.017	0.00	.05	7.00*	10-132	L377172-01	WG396599
4-Chlorotoluene	mg/kg		0.014	0.00	.05	5.73*	10-129	L377172-01	WG396599
4-Methyl-2-pentanone (MIBK)	mg/kg		0.204	0.00	.25	16.3*	31-151	L377172-01	WG396599
Acetone	mg/kg		0.291	0.00	.25	23.3	13-158	L377172-01	WG396599
Acrylonitrile	mg/kg		0.272	0.00	.25	21.8	20-154	L377172-01	WG396599
Benzene	mg/kg		0.039	0.00	.05	15.6*	16-143	L377172-01	WG396599
Bromobenzene	mg/kg		0.016	0.00	.05	6.48*	14-135	L377172-01	WG396599
Bromodichloromethane	mg/kg		0.033	0.00	.05	13.3*	27-139	L377172-01	WG396599
Bromoform	mg/kg		0.016	0.00	.05	6.47*	21-144	L377172-01	WG396599
Bromomethane	mg/kg		0.051	0.00	.05	20.6	0-180	L377172-01	WG396599
Carbon tetrachloride	mg/kg		0.050	0.00	.05	20.2	12-149	L377172-01	WG396599
Chlorobenzene	mg/kg		0.021	0.00	.05	8.56*	17-134	L377172-01	WG396599
Chlorodibromomethane	mg/kg		0.023	0.00	.05	9.35*	28-147	L377172-01	WG396599
Chloroethane	mg/kg		0.076	0.00	.05	30.7	0-172	L377172-01	WG396599
Chloroform	mg/kg		0.038	0.00	.05	15.4*	28-138	L377172-01	WG396599
Chloromethane	mg/kg		0.051	0.00	.05	20.5	10-158	L377172-01	WG396599
cis-1,2-Dichloroethene	mg/kg		0.039	0.00	.05	15.9*	21-147	L377172-01	WG396599
cis-1,3-Dichloropropene	mg/kg		0.032	0.00	.05	12.8*	17-145	L377172-01	WG396599
Di-isopropyl ether	mg/kg		0.048	0.00	.05	19.5*	31-153	L377172-01	WG396599
Dibromomethane	mg/kg		0.034	0.00	.05	13.9*	24-147	L377172-01	WG396599
Dichlorodifluoromethane	mg/kg		0.067	0.00	.05	27.1	0-192	L377172-01	WG396599
Ethylbenzene	mg/kg		0.025	0.00	.05	10.3*	12-137	L377172-01	WG396599
Hexachloro-1,3-butadiene	mg/kg		0.034	0.00	.05	13.7	10-123	L377172-01	WG396599
Isopropylbenzene	mg/kg		0.025	0.00	.05	10.3*	14-134	L377172-01	WG396599
Methyl tert-butyl ether	mg/kg		0.051	0.00	.05	20.6*	21-157	L377172-01	WG396599
Methylene Chloride	mg/kg		0.042	0.00	.05	17.0	12-149	L377172-01	WG396599
n-Butylbenzene	mg/kg		0.028	0.00	.05	11.3	10-130	L377172-01	WG396599
n-Propylbenzene	mg/kg		0.022	0.00	.05	8.80*	10-130	L377172-01	WG396599
Naphthalene	mg/kg		0.008	0.00	.05	3.38	0-146	L377172-01	WG396599
p-Isopropyltoluene	mg/kg		0.022	0.00	.05	8.97*	10-131	L377172-01	WG396599
sec-Butylbenzene	mg/kg		0.024	0.00	.05	9.95*	10-134	L377172-01	WG396599
Styrene	mg/kg		0.017	0.00	.05	6.88*	10-140	L377172-01	WG396599
tert-Butylbenzene	mg/kg		0.027	0.00	.05	10.9*	11-137	L377172-01	WG396599
Tetrachloroethene	mg/kg		0.188	0.850	.05	0.00*	10-131	L377172-01	WG396599
Toluene	mg/kg		0.033	0.00	.05	13.4	12-136	L377172-01	WG396599
trans-1,2-Dichloroethene	mg/kg		0.041	0.00	.05	16.6	10-143	L377172-01	WG396599
trans-1,3-Dichloropropene	mg/kg		0.028	0.00	.05	11.3*	16-147	L377172-01	WG396599
Trichloroethene	mg/kg		0.037	0.00	.05	15.0	10-155	L377172-01	WG396599
Trichlorofluoromethane	mg/kg		0.048	0.00	.05	19.2	10-154	L377172-01	WG396599
Vinyl chloride	mg/kg		0.068	0.00	.05	27.2	10-159	L377172-01	WG396599
Xylenes, Total	mg/kg		0.072	0.00	.15	9.65*	10-138	L377172-01	WG396599
4-Bromofluorobenzene						68.60	59-140		WG396599
Dibromofluoromethane						98.40	63-139		WG396599
Toluene-d8						98.18	84-116		WG396599
a,a,a-Trifluorotoluene						93.32	80-118		WG396599

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Acenaphthene	ppm	0.09	0.09	59.4	38-121	9.02	23	L376854-13	WG395944
Acenaphthylene	ppm	0.09	0.09	59.7	39-120	8.95	22	L376854-13	WG395944

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Mt. Juliet, TN 37122
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1-800-767-5859
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Chris Pruneau
5710 Oleander Drive, Suite 110

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Quality Assurance Report
Level II

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Analyte	Units	Matrix Spike MSD	Ref	%Rec	Duplicate Limit	RPD	Limit	Ref Samp	Batch
Anthracene	ppm	0.10	0.09	62.9	35-133	9.46	23	L376854-13	WG395944
Benzo(a)anthracene	ppm	0.10	0.08	62.9	35-136	17.7	23	L376854-13	WG395944
Benzo(a)pyrene	ppm	0.11	0.09	68.6	37-131	13.6	22	L376854-13	WG395944
Benzo(b)fluoranthene	ppm	0.11	0.09	71.3	29-145	21.6	33	L376854-13	WG395944
Benzo(g,h,i)perylene	ppm	0.11	0.09	68.3	10-139	13.6	26	L376854-13	WG395944
Benzo(k)fluoranthene	ppm	0.10	0.10	61.0	31-140	1.05	34	L376854-13	WG395944
Chrysene	ppm	0.10	0.08	62.0	34-137	15.0	23	L376854-13	WG395944
Dibenz(a,h)anthracene	ppm	0.11	0.09	66.6	21-132	12.4	25	L376854-13	WG395944
Fluoranthene	ppm	0.10	0.10	64.3	34-132	5.95	24	L376854-13	WG395944
Fluorene	ppm	0.10	0.09	61.4	38-126	7.41	23	L376854-13	WG395944
Indeno(1,2,3-cd)pyrene	ppm	0.12	0.10	71.6	17-134	13.3	25	L376854-13	WG395944
Naphthalene	ppm	0.09	0.09	56.1	24-122	3.39	29	L376854-13	WG395944
Phenanthrene	ppm	0.09	0.08	55.0	38-128	5.47	25	L376854-13	WG395944
Pyrene	ppm	0.10	0.09	62.4	35-141	13.4	25	L376854-13	WG395944
2-Fluorobiphenyl				61.1	30-120				WG395944
Nitrobenzene-d5				62.7	18-119				WG395944
p-Terphenyl-d14				69.9	23-143				WG395944
C5-C8 Aliphatics	mg/kg	30.8	30.4	66.14	-	1.02	25		WG396074
C9-C10 Aromatics	mg/kg	5.24	5.72	11.26	-	8.82	25		WG396074
C9-C12 Aliphatics	mg/kg	23.2	24.9	49.93	-	6.84	25		WG396074
Volatile Petroleum Hydrocarbons	mg/kg	48.7	49.6	104.8	-	1.73	0		WG396074
1,1,1,2-Tetrachloroethane	mg/kg	0.23	0.22	95.7	29-145	7.50	31	L376971-13	WG396398
1,1,1-Trichloroethane	mg/kg	0.25	0.23	100.	23-147	7.32	32	L376971-13	WG396398
1,1,2,2-Tetrachloroethane	mg/kg	0.25	0.25	100.	18-150	2.54	33	L376971-13	WG396398
1,1,2-Trichloroethane	mg/kg	0.24	0.23	97.3	35-140	4.98	29	L376971-13	WG396398
1,1-Dichloroethane	mg/kg	0.25	0.24	103.	24-148	6.56	31	L376971-13	WG396398
1,1-Dichloroethene	mg/kg	0.25	0.24	100.	10-149	2.95	34	L376971-13	WG396398
1,1-Dichloropropene	mg/kg	0.26	0.24	107.	10-141	7.20	34	L376971-13	WG396398
1,2,3-Trichlorobenzene	mg/kg	0.23	0.22	92.9	10-129	1.70	43	L376971-13	WG396398
1,2,3-Trichloropropane	mg/kg	0.24	0.25	98.0	30-148	1.97	32	L376971-13	WG396398
1,2,4-Trichlorobenzene	mg/kg	0.23	0.22	94.0	10-119	3.70	44	L376971-13	WG396398
1,2,4-Trimethylbenzene	mg/kg	0.24	0.21	95.8	10-145	9.67	41	L376971-13	WG396398
1,2-Dibromo-3-Chloropropane	mg/kg	0.23	0.26	94.7	19-145	10.2	35	L376971-13	WG396398
1,2-Dibromoethane	mg/kg	0.24	0.23	96.6	24-145	3.87	31	L376971-13	WG396398
1,2-Dichlorobenzene	mg/kg	0.22	0.21	91.2	12-130	4.96	35	L376971-13	WG396398
1,2-Dichloroethane	mg/kg	0.24	0.23	98.9	21-155	4.34	29	L376971-13	WG396398
1,2-Dichloropropane	mg/kg	0.25	0.24	103.	28-144	5.34	30	L376971-13	WG396398
1,3,5-Trimethylbenzene	mg/kg	0.24	0.21	96.8	10-135	11.3	39	L376971-13	WG396398
1,3-Dichlorobenzene	mg/kg	0.23	0.21	92.0	10-129	8.19	38	L376971-13	WG396398
1,3-Dichloropropane	mg/kg	0.23	0.22	93.9	31-137	4.81	29	L376971-13	WG396398
1,4-Dichlorobenzene	mg/kg	0.22	0.21	89.4	10-121	5.02	36	L376971-13	WG396398
2,2-Dichloropropane	mg/kg	0.24	0.23	99.0	18-144	5.26	32	L376971-13	WG396398
2-Butanone (MEK)	mg/kg	1.36	1.55	109.	21-143	12.6	37	L376971-13	WG396398
2-Chloroethyl vinyl ether	mg/kg	1.24	1.29	99.6	0-176	3.25	50	L376971-13	WG396398
2-Chlorotoluene	mg/kg	0.23	0.21	93.4	10-132	9.54	37	L376971-13	WG396398
4-Chlorotoluene	mg/kg	0.23	0.21	93.0	10-129	7.80	38	L376971-13	WG396398
4-Methyl-2-pentanone (MIBK)	mg/kg	1.26	1.46	101.	31-151	15.0	36	L376971-13	WG396398
Acetone	mg/kg	1.24	1.45	96.1	13-158	15.2	34	L376971-13	WG396398
Acrylonitrile	mg/kg	1.42	1.60	114.	20-154	12.0	35	L376971-13	WG396398
Benzene	mg/kg	0.25	0.23	101.	16-143	6.66	31	L376971-13	WG396398
Bromobenzene	mg/kg	0.23	0.21	93.0	14-135	7.88	39	L376971-13	WG396398
Bromodichloromethane	mg/kg	0.24	0.23	97.6	27-139	5.63	30	L376971-13	WG396398
Bromoform	mg/kg	0.24	0.24	98.6	21-144	1.89	34	L376971-13	WG396398
Bromomethane	mg/kg	0.27	0.25	111.	0-180	8.25	41	L376971-13	WG396398

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Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Carbon tetrachloride	mg/kg	0.25	0.23	100.	12-149	6.23	34	L376971-13	WG396398
Chlorobenzene	mg/kg	0.24	0.22	96.1	17-134	8.87	34	L376971-13	WG396398
Chlorodibromomethane	mg/kg	0.24	0.22	97.2	28-147	6.72	32	L376971-13	WG396398
Chloroethane	mg/kg	0.26	0.25	105.	0-172	5.93	38	L376971-13	WG396398
Chloroform	mg/kg	0.24	0.23	98.9	28-138	6.66	30	L376971-13	WG396398
Chloromethane	mg/kg	0.29	0.28	119.	10-158	5.12	35	L376971-13	WG396398
cis-1,2-Dichloroethene	mg/kg	0.26	0.25	106.	21-147	5.58	31	L376971-13	WG396398
cis-1,3-Dichloropropene	mg/kg	0.25	0.24	102.	17-145	2.67	32	L376971-13	WG396398
Di-isopropyl ether	mg/kg	0.25	0.24	103.	31-153	5.21	29	L376971-13	WG396398
Dibromomethane	mg/kg	0.23	0.23	95.8	24-147	2.45	30	L376971-13	WG396398
Dichlorodifluoromethane	mg/kg	0.28	0.26	112.	0-192	4.27	38	L376971-13	WG396398
Ethylbenzene	mg/kg	0.24	0.22	99.3	12-137	11.0	36	L376971-13	WG396398
Hexachloro-1,3-butadiene	mg/kg	0.20	0.19	82.8	10-123	6.46	50	L376971-13	WG396398
Isopropylbenzene	mg/kg	0.24	0.21	96.3	14-134	9.55	37	L376971-13	WG396398
Methyl tert-butyl ether	mg/kg	0.24	0.23	96.4	21-157	1.65	31	L376971-13	WG396398
Methylene Chloride	mg/kg	0.24	0.23	95.1	12-149	4.13	31	L376971-13	WG396398
n-Butylbenzene	mg/kg	0.24	0.22	96.3	10-130	7.45	48	L376971-13	WG396398
n-Propylbenzene	mg/kg	0.24	0.22	95.8	10-130	8.30	40	L376971-13	WG396398
Naphthalene	mg/kg	0.24	0.25	97.4	0-146	3.25	43	L376971-13	WG396398
p-Isopropyltoluene	mg/kg	0.23	0.21	95.7	10-131	9.90	43	L376971-13	WG396398
sec-Butylbenzene	mg/kg	0.24	0.21	95.6	10-134	10.3	43	L376971-13	WG396398
Styrene	mg/kg	0.24	0.22	98.8	10-140	8.56	35	L376971-13	WG396398
tert-Butylbenzene	mg/kg	0.23	0.21	95.3	11-137	11.4	39	L376971-13	WG396398
Tetrachloroethene	mg/kg	0.24	0.22	96.5	10-131	9.34	35	L376971-13	WG396398
Toluene	mg/kg	0.24	0.22	95.9	12-136	4.95	32	L376971-13	WG396398
trans-1,2-Dichloroethene	mg/kg	0.26	0.24	104.	10-143	5.89	33	L376971-13	WG396398
trans-1,3-Dichloropropene	mg/kg	0.24	0.23	99.2	16-147	4.76	32	L376971-13	WG396398
Trichloroethene	mg/kg	0.24	0.23	95.9	10-155	4.09	33	L376971-13	WG396398
Trichlorofluoromethane	mg/kg	0.28	0.26	115.	10-154	8.74	32	L376971-13	WG396398
Vinyl chloride	mg/kg	0.24	0.23	97.9	10-159	2.24	36	L376971-13	WG396398
Xylenes, Total	mg/kg	0.74	0.67	98.6	10-138	9.19	36	L376971-13	WG396398
4-Bromofluorobenzene				97.3	59-140				WG396398
Dibromofluoromethane				104.2	63-139				WG396398
Toluene-d8				102.0	84-116				WG396398
a,a,a-Trifluorotoluene				100.2	80-118				WG396398
C5-C8 Aliphatics	mg/kg	38.5	38.0	74.85	-	1.51	25		WG396402
C9-C10 Aromatics	mg/kg	6.05	5.96	11.74	-	1.44	25		WG396402
C9-C12 Aliphatics	mg/kg	27.9	27.1	54.13	-	2.89	25		WG396402
Volatile Petroleum Hydrocarbons	mg/kg	60.4	59.1	117.2	-	2.15	0		WG396402
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.02	50.1	29-145	3.98	31	L377172-01	WG396599
1,1,1-Trichloroethane	mg/kg	0.04	0.04	90.1	23-147	2.14	32	L377172-01	WG396599
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.02	41.9	18-150	0.37	33	L377172-01	WG396599
1,1,2-Trichloroethane	mg/kg	0.02	0.02	56.9	35-140	1.89	29	L377172-01	WG396599
1,1-Dichloroethane	mg/kg	0.04	0.04	88.3	24-148	0.58	31	L377172-01	WG396599
1,1-Dichloroethene	mg/kg	0.04	0.04	86.5	10-149	3.77	34	L377172-01	WG396599
1,1-Dichloropropene	mg/kg	0.04	0.04	82.6	10-141	6.03	34	L377172-01	WG396599
1,2,3-Trichlorobenzene	mg/kg	0.00	0.00	12.5	10-129	11.9	43	L377172-01	WG396599
1,2,3-Trichloropropane	mg/kg	0.02	0.02	40.9	30-148	5.29	32	L377172-01	WG396599
1,2,4-Trichlorobenzene	mg/kg	0.00	0.00	12.2	10-119	18.8	44	L377172-01	WG396599
1,2,4-Trimethylbenzene	mg/kg	0.01	0.01	31.6	10-145	9.68	41	L377172-01	WG396599
1,2-Dibromo-3-Chloropropane	mg/kg	0.02	0.02	50.5	19-145	17.0	35	L377172-01	WG396599
1,2-Dibromoethane	mg/kg	0.02	0.02	44.0	24-145	2.43	31	L377172-01	WG396599
1,2-Dichlorobenzene	mg/kg	0.01	0.01	29.7	12-130	3.72	35	L377172-01	WG396599
1,2-Dichloroethane	mg/kg	0.03	0.04	79.7	21-155	2.93	29	L377172-01	WG396599

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SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

MACTEC - Wilmington, NC
Chris Pruneau
5710 Oleander Drive, Suite 110

Wilmington, NC 28403

Quality Assurance Report
Level II

L376958

December 08, 2008

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,2-Dichloropropane	mg/kg	0.03	0.03	69.1	28-144	2.13	30	L377172-01	WG396599
1,3,5-Trimethylbenzene	mg/kg	0.01	0.02	38.4	10-135	8.32	39	L377172-01	WG396599
1,3-Dichlorobenzene	mg/kg	0.00	0.01	18.7	10-129	11.2	38	L377172-01	WG396599
1,3-Dichloropropane	mg/kg	0.02	0.02	50.4	31-137	0.37	29	L377172-01	WG396599
1,4-Dichlorobenzene	mg/kg	0.01	0.01	30.8	10-121	6.12	36	L377172-01	WG396599
2,2-Dichloropropane	mg/kg	0.04	0.04	87.2	18-144	4.77	32	L377172-01	WG396599
2-Butanone (MEK)	mg/kg	0.22	0.23	87.9	21-143	6.59	37	L377172-01	WG396599
2-Chloroethyl vinyl ether	mg/kg	0.12	0.12	50.0	0-176	2.11	50	L377172-01	WG396599
2-Chlorotoluene	mg/kg	0.01	0.01	32.6	10-132	7.18	37	L377172-01	WG396599
4-Chlorotoluene	mg/kg	0.01	0.01	26.2	10-129	8.78	38	L377172-01	WG396599
4-Methyl-2-pentanone (MIBK)	mg/kg	0.19	0.20	76.2	31-151	6.88	36	L377172-01	WG396599
Acetone	mg/kg	0.27	0.29	108.	13-158	7.49	34	L377172-01	WG396599
Acrylonitrile	mg/kg	0.25	0.27	101.	20-154	7.21	35	L377172-01	WG396599
Benzene	mg/kg	0.03	0.03	75.6	16-143	3.34	31	L377172-01	WG396599
Bromobenzene	mg/kg	0.01	0.01	29.4	14-135	9.71	39	L377172-01	WG396599
Bromodichloromethane	mg/kg	0.03	0.03	65.6	27-139	1.10	30	L377172-01	WG396599
Bromoform	mg/kg	0.01	0.01	32.0	21-144	0.97	34	L377172-01	WG396599
Bromomethane	mg/kg	0.05	0.05	104.	0-180	1.34	41	L377172-01	WG396599
Carbon tetrachloride	mg/kg	0.04	0.05	86.6	12-149	15.5	34	L377172-01	WG396599
Chlorobenzene	mg/kg	0.01	0.02	39.7	17-134	7.42	34	L377172-01	WG396599
Chlorodibromomethane	mg/kg	0.02	0.02	46.0	28-147	1.74	32	L377172-01	WG396599
Chloroethane	mg/kg	0.07	0.07	147.	0-172	4.42	38	L377172-01	WG396599
Chloroform	mg/kg	0.03	0.03	76.7	28-138	0.37	30	L377172-01	WG396599
Chloromethane	mg/kg	0.05	0.05	105.	10-158	2.39	35	L377172-01	WG396599
cis-1,2-Dichloroethene	mg/kg	0.03	0.03	77.3	21-147	3.05	31	L377172-01	WG396599
cis-1,3-Dichloropropene	mg/kg	0.03	0.03	61.2	17-145	4.50	32	L377172-01	WG396599
Di-isopropyl ether	mg/kg	0.04	0.04	92.8	31-153	4.73	29	L377172-01	WG396599
Dibromomethane	mg/kg	0.03	0.03	67.9	24-147	2.45	30	L377172-01	WG396599
Dichlorodifluoromethane	mg/kg	0.06	0.06	132.	0-192	2.72	38	L377172-01	WG396599
Ethylbenzene	mg/kg	0.02	0.02	47.2	12-137	9.11	36	L377172-01	WG396599
Hexachloro-1,3-butadiene	mg/kg	0.03	0.03	61.9	10-123	9.83	50	L377172-01	WG396599
Isopropylbenzene	mg/kg	0.02	0.02	49.2	14-134	4.66	37	L377172-01	WG396599
Methyl tert-butyl ether	mg/kg	0.04	0.05	99.0	21-157	3.87	31	L377172-01	WG396599
Methylene Chloride	mg/kg	0.04	0.04	82.3	12-149	2.93	31	L377172-01	WG396599
n-Butylbenzene	mg/kg	0.02	0.02	53.9	10-130	4.87	48	L377172-01	WG396599
n-Propylbenzene	mg/kg	0.02	0.02	40.5	10-130	8.27	40	L377172-01	WG396599
Naphthalene	mg/kg	0.00	0.00	15.5	0-146	8.86	43	L377172-01	WG396599
p-Isopropyltoluene	mg/kg	0.01	0.02	39.7	10-131	12.2	43	L377172-01	WG396599
sec-Butylbenzene	mg/kg	0.02	0.02	45.3	10-134	9.40	43	L377172-01	WG396599
Styrene	mg/kg	0.01	0.01	31.8	10-140	7.86	35	L377172-01	WG396599
tert-Butylbenzene	mg/kg	0.02	0.02	50.7	11-137	6.95	39	L377172-01	WG396599
Tetrachloroethene	mg/kg	0.19	0.18	0*	10-131	5.28	35	L377172-01	WG396599
Toluene	mg/kg	0.03	0.03	63.0	12-136	5.90	32	L377172-01	WG396599
trans-1,2-Dichloroethene	mg/kg	0.04	0.04	80.5	10-143	2.77	33	L377172-01	WG396599
trans-1,3-Dichloropropene	mg/kg	0.02	0.02	54.3	16-147	4.12	32	L377172-01	WG396599
Trichloroethene	mg/kg	0.03	0.03	72.0	10-155	4.33	33	L377172-01	WG396599
Trichlorofluoromethane	mg/kg	0.04	0.04	94.1	10-154	1.91	32	L377172-01	WG396599
Vinyl chloride	mg/kg	0.06	0.06	131.	10-159	3.61	36	L377172-01	WG396599
Xylenes, Total	mg/kg	0.06	0.07	45.1	10-138	6.76	36	L377172-01	WG396599
4-Bromofluorobenzene				66.3	59-140				WG396599
Dibromofluoromethane				92.0	63-139				WG396599
Toluene-d8				98.4	84-116				WG396599
a,a,a-Trifluorotoluene				92.0	80-118				WG396599

Batch number /Run number / Sample number cross reference

WG395944: R548328: L376958-01 02 03 04

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SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
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1-800-767-5859
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5710 Oleander Drive, Suite 110

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Quality Assurance Report
Level II

L376958

December 08, 2008

WG396074: R548619: L376958-01 02
WG396139: R549365: L376958-05 06
WG396398: R549726: L376958-01 02 03
WG396402: R550985: L376958-03 04 05 06
WG396599: R551367: L376958-04 05 06
WG396620: R551748: L376958-06
WG396619: R551757: L376958-01 02 03 04 05
WG396368: R554173: L376958-01 02 03 04 05 06

* * Calculations are performed prior to rounding of reported values .
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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

MACTEC - Wilmington, NC

5710 Oleander Drive. Suite 110
Wilmington,NC 28403

Alternate billing information:

Report to: Chris Pruneau ~~Aimee Grosser~~

Email: jcpruneau@mactec.com

Project Description: **RSC Additional Soil Sampling**

City/State Collected: Wilmington, NC

Phone: (910) 452-1185
FAX: (910) 791-1338

Client Project #: 6560080509.01

Lab Project #: LAWENGWN-RSC ADD

Collected by (print): AEG

Site/Facility ID#:

P.O.#: 200822102

Collected by (signature): Aimee Grosser

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: STAT (standard turnaround time)

Email? ___No ___Yes
FAX? ___No ___Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859
D119

Acctnum: LAWENGWN (lab use only)
Template/Prelogin: T54800/P263892
Cooler #: 325 11/19
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	EPHNC 4oz Amb-NoPres	SV8270PAH 4ozClr-NoPres	Screen for V8260 2ozClr-NoPres	TS 2ozClr-NoPres	V8260 40ml/NaHSO4/Sr/MeOH	VPHNC, V8260 (MeOH) 40ml/NaHSO4/Sr/MeOH		Remarks/Contaminant	Sample # (lab only)
GB-1 (6-8')	Grab	SS		11/25/08	0840	7	X	X	X	X	X	X			L57[illegible]-01
GB-1 (13-15')	Grab	SS		11/25/08	0845	7	X	X	X	X	X	X			02
GB-2 (6-8')	Grab	SS		11/25/08	0920	7	X	X	X	X	X	X			03
GB-2 (13-15')	Grab	SS		11/25/08	0925	7	X	X	X	X	X	X			04
GB-3 (6-8')	Grab	SS		11/25/08	0945	7	X	X	X	X	X	X			05
GB-3 (13-15')	Grab	SS		11/25/08	0950	7	X	X	X	X	X	X			06
		SS				7	X	X	X	X	X	X			

*Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

9669 7445 6190

pH _____ Temp _____
Flow _____ Other _____

Remarks:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Aimee Grosser	11/25/08	1450	FedEx		O/C
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.3 Bottles Received: 42	COC Seal Intact: ✓ Y N NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/26/08 Time: 09:00	pH Checked: NCF: