1400IHSSF2081

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Site Name WILLIAMS, E. W. FACILITY

DocumentType Site Assessment Rpt (SAR)

RptSegment 2

DocDate 6/2/2008

DocRcvd 6/2/2008

Box SF2081

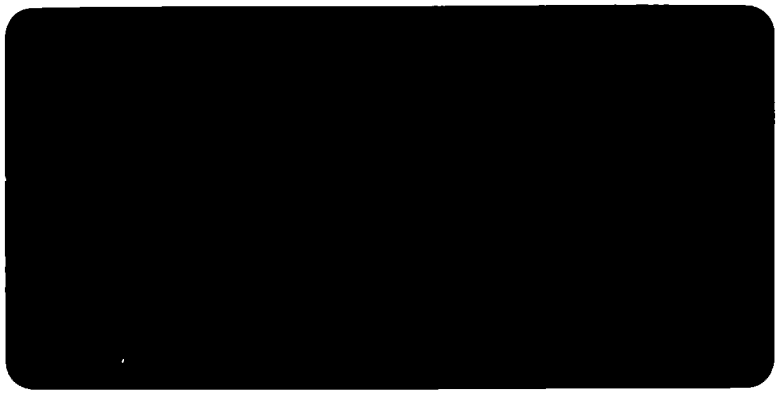
AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY



E²S

ENGINEERING & ENVIRONMENTAL SCIENCE COMPANY

3008 ANDERSON DRIVE, SUITE 102

RALEIGH, NC 27609

(919) 781-7798

COMPREHENSIVE SITE ASSESSMENT
(Volume II)
E. W. Williams Facility
8200 Fayetteville Road
Raleigh, Wake County
Incident Number: 87142, Rank: 555A
June 2, 2008

Responsible Party: E. W. Williams Construction Co, Inc.
c/o Mr. Henry Sink
P. O. Box 1471
Raleigh, NC 27602
(919) 828-5386

Property Owners: E. W. Williams Construction Co, Inc.
c/o Mr. Henry Sink
P. O. Box 1471
Raleigh, NC 27602
(919) 828-5386
&
LIEBHERR Mining & Construction Equipment
4100 Chestnut Ave.
Newport News, VA 23607-2420

Latitude: 78°42'10"W **Longitude:** 35°39'46"N

Nature of Release:
Initial site investigations revealed a release primarily from three (3) aboveground storage tanks (AST's) and a concrete wash pad that were located on the west side or directly behind the facility building. The AST's contained motor oil, hydraulic fluid, and used motor oil. The wash pad was used for cleaning equipment prior to repair. Approximately 264.19 tons of contaminated soils were removed from the former AST and former wash pad area, and disposed at Soil Works, Inc. in Johnston County, NC on April 26, 2005.

Additional site investigations revealed a second release having occurred on the site. The release was detected in the former equipment maintenance, staging and storage area south of the building. This area is also known to have various fill materials or buried debris, including metal, such as minor railroad track, railroad ties, concrete and asphalt. No abatement measures have occurred in the second release area.

Soil and Groundwater contamination exist on the subject property. Concentrations exceeding the Class GA Groundwater Standards were noted in groundwater at the site. Concentrations exceeding the Soil-to-Groundwater Standards were noted in soils at the site. Metals contaminants appear to be of higher impact from the onsite releases to the subject property than any other compounds.

Prepared for:
Mr. E. W. Williams (Estate)
c/o Mr. Henry Sink
122 Washington Street
Raleigh, NC 27605
(919) 828-0684

NORTH CAROLINA PROFESSIONAL SEAL 15472 ENGINEER T. PATRICK SHILLINGTON
6/2/08

Prepared by:
Engineering & Environmental
Science Company
3008 Anderson Drive, Suite 102
Raleigh, NC 27609
(919) 781-7798

T. Patrick Shillington, P.E.
President

E²S

ATTACHMENT E:
Laboratory Analytical Results

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

363452

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: E²S Client #: _____
Address: 3008 Anderson Dr ste 102
City/State/Zip Code: Raleigh NC 27609
Project Manager: Pat Shillington
Telephone Number: 919-781-7798 Fax: 919-781-7796
Sampler Name: (Print Name) Chris Mason
Sampler Signature: Chris Mason

Project Name: EW Williams Construction
Project #: _____
Site/Location ID: Wake Co. State: NC
Report To: E²S
Invoice To: E²S
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify) Sod B/Sod	Analyze For: 8260	8270								REMARKS
SS-1	2/5/04	13:00	G		S					1	2	2	X	X								17434
SS-2	2/5/04	13:20	G		S					1	2	2	X	X								35
SS-3	2/5/04	13:40	G		S					1	2	2	X	X								36
SS-4	2/5/04	14:00	G		S					1	2	2	X	X								37
SS-5	2/5/04	14:20	G		S					1	2	2	X	X								38
SS-6	2/5/04	14:40	G		S					1	2	2	X	X								39
SS-7	2/5/04	15:00	G		S					1	2	2	X	X								40
SS-8	2/5/04	15:20	G		S					1	2	2	X	X								41
SS-9	2/5/04	15:40	G		S					1	2	2	X	X								42
SS-10	2/5/04	16:00	G		S					1	2	2	X	X								17443

Special Instructions:

Relinquished By: Chris Mason	Date: 2/6/04	Time: 10:00	Received By: Samuel Lee Hall	Date: 2-6-04	Time: 16:20
Relinquished By: Samuel Lee Hall	Date: 2/6-04	Time: 18:00	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	Date: 2/7/04	Time: 9:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Fax: 615-726-3404

363452

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: E²S Client #: _____
Address: on page 1
City/State/Zip Code: —
Project Manager: —
Telephone Number: — Fax: —
Sampler Name: (Print Name) Chris Mason
Sampler Signature: [signature]

Project Name: EW Williams Construction
Project #: _____
Site/Location ID: _____ State: _____
Report To: E²S
Invoice To: E²S
Quote #: _____ PO#: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: 8260	8270									REMARKS
SS-11	2/5/04	16:20	G		S					1	2	2	X	X									17444
SS-12	2/5/04	16:40	G		S					1	2	2	X	X									1 45
SS-13	2/5/04	17:00	G		S					1	2	2	X	X									17446

Special Instructions:

Relinquished By: [signature]	Date: 2/6/04	Time: 10:00	Received By: [signature]	Date: 2/6/04	Time: 16:20
Relinquished By: [signature]	Date: 2-6-04	Time: 18:00	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	Date: 2/7/04	Time: 9:00

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION

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800-765-0980 • 615-726-3404 Fax

2/16/04 CASE NARRATIVE

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EW WILLIAMS CONSTRUCTION
Project Number: .
Laboratory Project Number: 363452.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
SS-1	04-A17434	2/ 5/04
SS-2	04-A17435	2/ 5/04
SS-3	04-A17436	2/ 5/04
SS-4	04-A17437	2/ 5/04
SS-5	04-A17438	2/ 5/04
SS-6	04-A17439	2/ 5/04
SS-7	04-A17440	2/ 5/04
SS-8	04-A17441	2/ 5/04
SS-9	04-A17442	2/ 5/04
SS-10	04-A17443	2/ 5/04
SS-11	04-A17444	2/ 5/04
SS-12	04-A17445	2/ 5/04
SS-13	04-A17446	2/ 5/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Report Date: 2/16/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: 387

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17434
Sample ID: SS-1
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 13:00
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17434
Sample ID: SS-1
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17434
Sample ID: SS-1
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.362	1	2/12/04	14:17	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0471	mg/kg	0.0263	1	2/11/04	21:13	J. Yun	8260B	2733
Benzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Bromobenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Bromochloromethane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Bromoform	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Bromomethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
2-Butanone	ND	mg/kg	0.0263	1	2/11/04	21:13	J. Yun	8260B	2733
n-Butylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
sec-Butylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
tert-Butylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Carbon disulfide	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Carbon tetrachloride	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Chlorobenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Chloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Chloroform	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Chloromethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
2-Chlorotoluene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
4-Chlorotoluene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00263	1	2/11/04	21:13	J. Yun	8260B	2733
Dibromochloromethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,2-Dibromoethane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Dibromomethane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,2-Dichlorobenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,3-Dichlorobenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,4-Dichlorobenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Dichlorodifluoromethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17434
Sample ID: SS-1
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,2-Dichloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,1-Dichloroethene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
cis-1,2-Dichloroethene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
trans-1,2-Dichloroethene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,2-Dichloropropane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,3-Dichloropropane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
2,2-Dichloropropane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,1-Dichloropropene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
cis-1,3-Dichloropropene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
trans-1,3-Dichloropropene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Ethylbenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Hexachlorobutadiene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
2-Hexanone	ND	mg/kg	0.00527	1	2/11/04	21:13	J. Yun	8260B	2733
Isopropylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
p-Isopropyltoluene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
4-Methyl-2-pentanone	ND	mg/kg	0.00527	1	2/11/04	21:13	J. Yun	8260B	2733
Methylene chloride	ND	mg/kg	0.0026	1	2/11/04	21:13	J. Yun	8260B	2733
Naphthalene	ND	mg/kg	0.00263	1	2/11/04	21:13	J. Yun	8260B	2733
n-Propylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Styrene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Tetrachloroethene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Toluene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,2,3-Trichlorobenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,2,4-Trichlorobenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,1,1-Trichloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,1,2-Trichloroethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Trichloroethene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,2,3-Trichloropropane	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
1,2,4-Trimethylbenzene	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
1,3,5-Trimethylbenzene	ND	mg/kg	0.00105	1	2/11/04	21:13	J. Yun	8260B	2733
Vinyl chloride	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17434
Sample ID: SS-1
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Bromodichloromethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
Trichlorofluoromethane	ND	mg/kg	0.0011	1	2/11/04	21:13	J. Yun	8260B	2733
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	91.2	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	10.4 g	5.0 ml	2/ 5/04	13:04	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	98.	59. - 134.
VOA Surr Toluene-d8	108.	67. - 129.
VOA Surr, 4-BFB	119.	60. - 134.
VOA Surr, DBFM	92.	67. - 126.
BNA Surr-Nitrobenzene-d5	58.	10. - 164.
BNA Surr-2-Fluorobiphenyl	60.	51. - 96.
BNA Surr-Terphenyl-d14	70.	52. - 106.
BNA Surr-Phenol-d5	59.	47. - 98.
BNA Surr-2-Fluorophenol	55.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	65.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17434
Sample ID: SS-1
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17435
Sample ID: SS-2
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 13:20
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17435
Sample ID: SS-2
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17435
Sample ID: SS-2
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Phenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.342	1	2/12/04	15:33	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0267	1	2/10/04	18:07	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0267	1	2/10/04	18:07	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00267	1	2/10/04	18:07	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17435
Sample ID: SS-2
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00534	1	2/10/04	18:07	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00534	1	2/10/04	18:07	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0027	1	2/10/04	18:07	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00267	1	2/10/04	18:07	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00107	1	2/10/04	18:07	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17435
Sample ID: SS-2
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0010	1	2/10/04	18:07	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	96.4	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	9.71 g	5.0 ml	2/ 5/04	13:20	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	102.	59. - 134.
VOA Surr Toluene-d8	106.	67. - 129.
VOA Surr, 4-BFB	117.	60. - 134.
VOA Surr, DBFM	96.	67. - 126.
BNA Surr-Nitrobenzene-d5	64.	10. - 164.
BNA Surr-2-Fluorobiphenyl	67.	51. - 96.
BNA Surr-Terphenyl-d14	74.	52. - 106.
BNA Surr-Phenol-d5	63.	47. - 98.
BNA Surr-2-Fluorophenol	57.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	69.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17435
Sample ID: SS-2
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17436
Sample ID: SS-3
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 13:40
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17436
Sample ID: SS-3
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17436
Sample ID: SS-3
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.360	1	2/12/04	16:10	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0699	mg/kg	0.0312	1	2/10/04	18:26	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0312	1	2/10/04	18:26	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00312	1	2/10/04	18:26	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17436
Sample ID: SS-3
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00625	1	2/10/04	18:26	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00625	1	2/10/04	18:26	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0032	1	2/10/04	18:26	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00312	1	2/10/04	18:26	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00125	1	2/10/04	18:26	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17436
Sample ID: SS-3
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0012	1	2/10/04	18:26	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	91.7	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.4 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	8.73 g	5.0 ml	2/ 5/04	13:40	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	105.	59. - 134.
VOA Surr Toluene-d8	116.	67. - 129.
VOA Surr, 4-BFB	146. #	60. - 134.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	54.	10. - 164.
BNA Surr-2-Fluorobiphenyl	58.	51. - 96.
BNA Surr-Terphenyl-d14	68.	52. - 106.
BNA Surr-Phenol-d5	56.	47. - 98.
BNA Surr-2-Fluorophenol	50.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	58.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17436
Sample ID: SS-3
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17437
Sample ID: SS-4
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 14:00
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Anthracene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Carbazole	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Chrysene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17437
Sample ID: SS-4
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Fluorene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Isophorone	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17437
Sample ID: SS-4
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Phenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Pyrene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	3.56	10	2/13/04	20:04	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0805	mg/kg	0.0322	1	2/10/04	18:45	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0322	1	2/10/04	18:45	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00322	1	2/10/04	18:45	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17437
Sample ID: SS-4
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00643	1	2/10/04	18:45	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00643	1	2/10/04	18:45	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0032	1	2/10/04	18:45	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00322	1	2/10/04	18:45	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Toluene	0.0048	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00128	1	2/10/04	18:45	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17437
Sample ID: SS-4
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	0.0030	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0013	1	2/10/04	18:45	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	92.8	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.9 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	8.37 g	5.0 ml	2/ 5/04	14:00	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	103.	59. - 134.
VOA Surr Toluene-d8	108.	67. - 129.
VOA Surr, 4-BFB	131.	60. - 134.
VOA Surr, DBFM	97.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17437
Sample ID: SS-4
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC
requirements.BNA surrogates diluted out due to sample matrix.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17438
Sample ID: SS-5
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 14:20
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17438
Sample ID: SS-5
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17438
Sample ID: SS-5
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Phenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.346	1	2/15/04	0:05	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0334	1	2/10/04	19:04	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0334	1	2/10/04	19:04	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00334	1	2/10/04	19:04	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17438
Sample ID: SS-5
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00668	1	2/10/04	19:04	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00668	1	2/10/04	19:04	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0034	1	2/10/04	19:04	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00334	1	2/10/04	19:04	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00134	1	2/10/04	19:04	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17438
Sample ID: SS-5
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0014	1	2/10/04	19:04	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	95.5	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.4 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	7.84 g	5.0 ml	2/ 5/04	14:20	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	106.	59. - 134.
VOA Surr Toluene-d8	105.	67. - 129.
VOA Surr, 4-BFB	108.	60. - 134.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	61.	10. - 164.
BNA Surr-2-Fluorobiphenyl	70.	51. - 96.
BNA Surr-Terphenyl-d14	76.	52. - 106.
BNA Surr-Phenol-d5	65.	47. - 98.
BNA Surr-2-Fluorophenol	59.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	75.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17438
Sample ID: SS-5
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17439
Sample ID: SS-6
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 14:40
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17439
Sample ID: SS-6
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17439
Sample ID: SS-6
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Phenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.365	1	2/14/04	11:14	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0294	1	2/10/04	19:24	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0294	1	2/10/04	19:24	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00294	1	2/10/04	19:24	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17439
Sample ID: SS-6
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00588	1	2/10/04	19:24	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00588	1	2/10/04	19:24	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0030	1	2/10/04	19:24	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00294	1	2/10/04	19:24	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00117	1	2/10/04	19:24	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17439
Sample ID: SS-6
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Xylenes (Total)	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0012	1	2/10/04	19:24	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	90.4	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.3 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	9.39 g	5.0 ml	2/ 5/04	14:40	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	101.	59. - 134.
VOA Surr Toluene-d8	107.	67. - 129.
VOA Surr, 4-BFB	107.	60. - 134.
VOA Surr, DBFM	95.	67. - 126.
BNA Surr-Nitrobenzene-d5	63.	10. - 164.
BNA Surr-2-Fluorobiphenyl	68.	51. - 96.
BNA Surr-Terphenyl-d14	103.	52. - 106.
BNA Surr-Phenol-d5	66.	47. - 98.
BNA Surr-2-Fluorophenol	61.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	74.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17439
Sample ID: SS-6
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17440
Sample ID: SS-7
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 15:00
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17440
Sample ID: SS-7
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17440
Sample ID: SS-7
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Phenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.359	1	2/13/04	16:21	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0238	1	2/10/04	19:43	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0238	1	2/10/04	19:43	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Chlorobenzene	0.0016	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00238	1	2/10/04	19:43	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17440
Sample ID: SS-7
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00478	1	2/10/04	19:43	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00478	1	2/10/04	19:43	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0024	1	2/10/04	19:43	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00238	1	2/10/04	19:43	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00096	1	2/10/04	19:43	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17440
Sample ID: SS-7
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0010	1	2/10/04	19:43	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	91.9	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.7 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	11.4 g	5.0 ml	2/ 5/04	15:00	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	100.	59. - 134.
VOA Surr Toluene-d8	114.	67. - 129.
VOA Surr, 4-BFB	120.	60. - 134.
VOA Surr, DBFM	95.	67. - 126.
BNA Surr-Nitrobenzene-d5	60.	10. - 164.
BNA Surr-2-Fluorobiphenyl	60.	51. - 96.
BNA Surr-Terphenyl-d14	52.	52. - 106.
BNA Surr-Phenol-d5	61.	47. - 98.
BNA Surr-2-Fluorophenol	58.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	57.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17440
Sample ID: SS-7
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17441
Sample ID: SS-8
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 15:20
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17441
Sample ID: SS-8
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17441
Sample ID: SS-8
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.367	1	2/14/04	10:00	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.101	mg/kg	0.0254	1	2/10/04	20:02	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Brcmobenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0254	1	2/10/04	20:02	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Carbon disulfide	0.00341	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Chlorobenzene	0.0016	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00254	1	2/10/04	20:02	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17441
Sample ID: SS-8
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00510	1	2/10/04	20:02	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00510	1	2/10/04	20:02	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0026	1	2/10/04	20:02	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00254	1	2/10/04	20:02	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00102	1	2/10/04	20:02	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17441
Sample ID: SS-8
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	*Method	Batch
Xylenes (Total)	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0010	1	2/10/04	20:02	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	90.0	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	10.9 g	5.0 ml	2/ 5/04	15:20	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	102.	59. - 134.
VOA Surr Toluene-d8	106.	67. - 129.
VOA Surr, 4-BFB	116.	60. - 134.
VOA Surr, DBFM	99.	67. - 126.
BNA Surr-Nitrobenzene-d5	60.	10. - 164.
BNA Surr-2-Fluorobiphenyl	66.	51. - 96.
BNA Surr-Terphenyl-d14	83.	52. - 106.
BNA Surr-Phenol-d5	65.	47. - 98.
BNA Surr-2-Fluorophenol	61.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	76.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17441
Sample ID: SS-8
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17442
Sample ID: SS-9
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 15:40
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Anthracene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Carbazole	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Chrysene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17442
Sample ID: SS-9
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Fluorene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Isophorone	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17442
Sample ID: SS-9
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Pyrene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	18.8	50	2/15/04	0:42	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.147	mg/kg	0.0219	1	2/11/04	21:32	J. Yun	8260B	2733
Benzene	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
Bromobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Bromochloromethane	ND	mg/kg	0.00088	1	2/11/04	21:32	J. Yun	8260B	2733
Bromoform	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Bromomethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
2-Butanone	ND	mg/kg	0.0219	1	2/11/04	21:32	J. Yun	8260B	2733
n-Butylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
sec-Butylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
tert-Butylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Carbon disulfide	0.0105	mg/kg	0.00088	1	2/11/04	21:32	J. Yun	8260B	2733
Carbon tetrachloride	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
Chlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Chloroethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
Chloroform	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
Chloromethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
2-Chlorotoluene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
4-Chlorotoluene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.110	50	2/10/04	12:48	J. Yun	8260B	2763
Dibromochloromethane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,2-Dibromoethane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Dibromomethane	ND	mg/kg	0.00088	1	2/11/04	21:32	J. Yun	8260B	2733
1,2-Dichlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,3-Dichlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,4-Dichlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Dichlorodifluoromethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17442
Sample ID: SS-9
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,2-Dichloroethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,1-Dichloroethene	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
cis-1,2-Dichloroethene	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
trans-1,2-Dichloroethene	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,2-Dichloropropane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,3-Dichloropropane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
2,2-Dichloropropane	ND	mg/kg	0.00088	1	2/11/04	21:32	J. Yun	8260B	2733
1,1-Dichloropropene	ND	mg/kg	0.00088	1	2/11/04	21:32	J. Yun	8260B	2733
cis-1,3-Dichloropropene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
trans-1,3-Dichloropropene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Ethylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Hexachlorobutadiene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
2-Hexanone	ND	mg/kg	0.219	50	2/10/04	12:48	J. Yun	8260B	2763
Isopropylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
p-Isopropyltoluene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
4-Methyl-2-pentanone	ND	mg/kg	0.219	50	2/10/04	12:48	J. Yun	8260B	2763
Methylene chloride	ND	mg/kg	0.0022	1	2/11/04	21:32	J. Yun	8260B	2733
Naphthalene	ND	mg/kg	0.110	50	2/10/04	12:48	J. Yun	8260B	2763
n-Propylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Styrene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Tetrachloroethene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Toluene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,2,3-Trichlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,2,4-Trichlorobenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,1,1-Trichloroethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,1,2-Trichloroethane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Trichloroethene	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
1,2,3-Trichloropropane	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,2,4-Trimethylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
1,3,5-Trimethylbenzene	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Vinyl chloride	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17442
Sample ID: SS-9
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0439	50	2/10/04	12:48	J. Yun	8260B	2763
Bromodichloromethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
Trichlorofluoromethane	ND	mg/kg	0.0009	1	2/11/04	21:32	J. Yun	8260B	2733
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	87.6	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	13.0 g	5.0 ml	2/ 5/04	15:40	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	59. - 134.
VOA Surr Toluene-d8	106.	67. - 129.
VOA Surr, 4-BFB	104.	60. - 134.
VOA Surr, DBFM	88.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17442
Sample ID: SS-9
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC
requirements.BNA surrogates diluted out due to sample matrix.
8260 PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC requirements.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17443
Sample ID: SS-10
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 16:00
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17443
Sample ID: SS-10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17443
Sample ID: SS-10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:13	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0603	mg/kg	0.0350	1	2/10/04	20:40	J. Adams	8260B	9295
Benzene	0.0021	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0350	1	2/10/04	20:40	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00350	1	2/10/04	20:40	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17443
Sample ID: SS-10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00701	1	2/10/04	20:40	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00701	1	2/10/04	20:40	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0036	1	2/10/04	20:40	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00350	1	2/10/04	20:40	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00140	1	2/10/04	20:40	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17443
Sample ID: SS-10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0013	1	2/10/04	20:40	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	81.6	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	8.74 g	5.0 ml	2/ 5/04	16:00	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	99.	59. - 134.
VOA Surr Toluene-d8	90.	67. - 129.
VOA Surr, 4-BFB	103.	60. - 134.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	54.	10. - 164.
BNA Surr-2-Fluorobiphenyl	55.	51. - 96.
BNA Surr-Terphenyl-d14	54.	52. - 106.
BNA Surr-Phenol-d5	61.	47. - 98.
BNA Surr-2-Fluorophenol	58.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	51.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17443
Sample ID: SS-10
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17444
Sample ID: SS-11
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 16:20
Date Received: 2/ 7/04
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Anthracene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Carbazole	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Chrysene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17444
Sample ID: SS-11
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Fluorene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Isophorone	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17444
Sample ID: SS-11
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Pyrene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	0.404	1	2/13/04	18:50	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0378	1	2/10/04	20:59	J. Adams	8260B	9295
Benzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0378	1	2/10/04	20:59	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00378	1	2/10/04	20:59	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17444
Sample ID: SS-11
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00758	1	2/10/04	20:59	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00758	1	2/10/04	20:59	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0038	1	2/10/04	20:59	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00378	1	2/10/04	20:59	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00152	1	2/10/04	20:59	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17444
Sample ID: SS-11
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0015	1	2/10/04	20:59	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	81.7	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.5 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	8.08 g	5.0 ml	2/ 5/04	16:20	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	100.	59. - 134.
VOA Surr Toluene-d8	108.	67. - 129.
VOA Surr, 4-BFB	107.	60. - 134.
VOA Surr, DBFM	97.	67. - 126.
BNA Surr-Nitrobenzene-d5	66.	10. - 164.
BNA Surr-2-Fluorobiphenyl	60.	51. - 96.
BNA Surr-Terphenyl-d14	57.	52. - 106.
BNA Surr-Phenol-d5	68.	47. - 98.
BNA Surr-2-Fluorophenol	63.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	59.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17444
Sample ID: SS-11
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17445
Sample ID: SS-12
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 16:40
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Anthracene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Carbazole	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Chrysene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17445
Sample ID: SS-12
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Fluorene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Isophorone	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17445
Sample ID: SS-12
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Pyrene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	9.67	25	2/14/04	14:56	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0426	mg/kg	0.0287	1	2/10/04	21:18	J. Adams	8260B	9295
Benzene	0.0013	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0287	1	2/10/04	21:18	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00287	1	2/10/04	21:18	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17445
Sample ID: SS-12
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00574	1	2/10/04	21:18	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00574	1	2/10/04	21:18	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0029	1	2/10/04	21:18	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00287	1	2/10/04	21:18	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00115	1	2/10/04	21:18	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17445
Sample ID: SS-12
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0012	1	2/10/04	21:18	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	85.3	%			2/ 7/04	9:23	Fitzwater	CLP	8631

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.7 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	10.2 g	5.0 ml	2/ 5/04	16:40	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	101.	59. - 134.
VOA Surr Toluene-d8	110.	67. - 129.
VOA Surr, 4-BFB	119.	60. - 134.
VOA Surr, DBFM	99.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17445
Sample ID: SS-12
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC
requirements.BNA surrogates diluted out due to sample matrix.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUTIE 102
RALEIGH, NC 27609

Project:
Project Name: EW WILLIAMS CONSTRUCTION
Sampler: CHRIS MASON

Lab Number: 04-A17446
Sample ID: SS-13
Sample Type: Soil
Site ID:

Date Collected: 2/ 5/04
Time Collected: 17:00
Date Received: 2/ 7/04
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Acenaphthylene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Anthracene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Benzo(a)anthracene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Benzo(a)pyrene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Benzo(b)fluoranthene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Benzo(g,h,i)perylene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Benzo(k)fluoranthene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Bromophenylphenylether	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Butylbenzylphthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Carbazole	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Chloro-3-methylphenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Chloroaniline	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
bis(2-Chloroethoxy)methane	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
bis(2-Chloroethyl)ether	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Chloronaphthalene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Chlorophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Chlorophenylphenylether	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Chrysene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Dibenzofuran	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Dibenz(a,h)anthracene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
1,2-Dichlorobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
1,3-Dichlorobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17446
Sample ID: SS-13
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
3,3'-Dichlorobenzidine	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4-Dichlorophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Diethylphthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4-Dimethylphenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Dimethylphthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Di-n-butylphthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4-Dinitrophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4-dinitrotoluene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,6-Dinitrotoluene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Di-n-octylphthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Fluoranthene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Fluorene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Hexachlorobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Hexachlorobutadiene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Hexachlorocyclopentadiene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Hexachloroethane	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Isophorone	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Methylnaphthalene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Methylphenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
m,p-Methylphenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Naphthalene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Nitroaniline	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
3-Nitroaniline	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Nitroaniline	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Nitrobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2-Nitrophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
4-Nitrophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
N-nitrosodi-n-propylamine	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
N-nitrosodiphenylamine	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Pentachlorophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Phenanthrene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17446
Sample ID: SS-13
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Pyrene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
Bis(2-ethylhexyl)phthalate	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
1,2,4-Trichlorobenzene	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4,5-Trichlorophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
2,4,6-Trichlorophenol	ND	mg/kg	1.93	5	2/13/04	21:18	R. Beard	8270C	2068
VOLATILE ORGANICS									
Acetone	0.0947	mg/kg	0.0263	1	2/10/04	21:37	J. Adams	8260B	9295
Benzene	0.0019	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Bromobenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Bromochloromethane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Bromoform	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Bromomethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
2-Butanone	ND	mg/kg	0.0263	1	2/10/04	21:37	J. Adams	8260B	9295
n-Butylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
sec-Butylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
tert-Butylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Carbon disulfide	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Carbon tetrachloride	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Chlorobenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Chloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Chloroform	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Chloromethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
2-Chlorotoluene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
4-Chlorotoluene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00263	1	2/10/04	21:37	J. Adams	8260B	9295
Dibromochloromethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,2-Dibromoethane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Dibromomethane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,2-Dichlorobenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,3-Dichlorobenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,4-Dichlorobenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Dichlorodifluoromethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17446
Sample ID: SS-13
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,2-Dichloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,1-Dichloroethene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
cis-1,2-Dichloroethene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
trans-1,2-Dichloroethene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,2-Dichloropropane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,3-Dichloropropane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
2,2-Dichloropropane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,1-Dichloropropene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
cis-1,3-Dichloropropene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
trans-1,3-Dichloropropene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Ethylbenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Hexachlorobutadiene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
2-Hexanone	ND	mg/kg	0.00526	1	2/10/04	21:37	J. Adams	8260B	9295
Isopropylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
p-Isopropyltoluene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
4-Methyl-2-pentanone	ND	mg/kg	0.00526	1	2/10/04	21:37	J. Adams	8260B	9295
Methylene chloride	ND	mg/kg	0.0027	1	2/10/04	21:37	J. Adams	8260B	9295
Naphthalene	ND	mg/kg	0.00263	1	2/10/04	21:37	J. Adams	8260B	9295
n-Propylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Styrene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Tetrachloroethene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Toluene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,2,3-Trichlorobenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,2,4-Trichlorobenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,1,1-Trichloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,1,2-Trichloroethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Trichloroethene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,2,3-Trichloropropane	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
1,2,4-Trimethylbenzene	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
1,3,5-Trimethylbenzene	ND	mg/kg	0.00105	1	2/10/04	21:37	J. Adams	8260B	9295
Vinyl chloride	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17446
Sample ID: SS-13
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Bromodichloromethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
Trichlorofluoromethane	ND	mg/kg	0.0011	1	2/10/04	21:37	J. Adams	8260B	9295
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	85.6	%			2/ 7/04	9:23	Fitzwater	CLP	8831

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	2/ 9/04		M. Ricke	3550
Volatile Organics	11.1 g	5.0 ml	2/ 5/04	17:00	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	100.	59. - 134.
VOA Surr Toluene-d8	127.	67. - 129.
VOA Surr, 4-BFB	140. #	60. - 134.
VOA Surr, DBFM	97.	67. - 126.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A17446
Sample ID: SS-13
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.
BNA PQL's elevated due to sample matrix.
Analysis at a lower dilution did not meet method QC
requirements.BNA surrogates diluted out due to sample matrix.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
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Laboratory Receipt Date: 2/ 7/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/kg	< 0.0003	0.0486	0.0500	97	33 - 139	9295	blank
Benzene	mg/kg	< 0.0003	0.0490	0.0500	98	33 - 139	2733	blank
Chlorobenzene	mg/kg	< 0.0006	0.0485	0.0500	97	22 - 144	9295	blank
Chlorobenzene	mg/kg	< 0.0006	0.0486	0.0500	97	22 - 144	2733	blank
1,1-Dichloroethene	mg/kg	< 0.0007	0.0423	0.0500	85	42 - 142	9295	blank
1,1-Dichloroethene	mg/kg	< 0.0007	0.0541	0.0500	108	42 - 142	2733	blank
Toluene	mg/kg	< 0.0008	0.0488	0.0500	98	18 - 150	9295	blank
Toluene	mg/kg	< 0.0008	0.0508	0.0500	102	18 - 150	2733	blank
Trichloroethene	mg/kg	< 0.0006	0.0456	0.0500	91	32 - 142	9295	blank
Trichloroethene	mg/kg	< 0.0006	0.0462	0.0500	92	32 - 142	2733	blank
Tetrachloroethene	mg/kg	< 0.0005	0.0450	0.0500	90	19 - 145	9295	blank
Tetrachloroethene	mg/kg	< 0.0005	0.0444	0.0500	89	19 - 145	2733	blank
VOA Surr 1,2-DCA-d4	% Rec				88	59 - 134	9295	
VOA Surr 1,2-DCA-d4	% Rec				76	59 - 134	2733	
VOA Surr Toluene-d8	% Rec				106	67 - 129	9295	
VOA Surr Toluene-d8	% Rec				109	67 - 129	2733	
VOA Surr, 4-BFB	% Rec				104	60 - 134	9295	
VOA Surr, 4-BFB	% Rec				110	60 - 134	2733	
VOA Surr, DBFM	% Rec				90	67 - 126	9295	
VOA Surr, DBFM	% Rec				88	67 - 126	2733	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/kg	0.0486	0.0503	3.44	43.	9295
Benzene	mg/kg	0.0490	0.0507	3.41	43.	2733
Chlorobenzene	mg/kg	0.0485	0.0511	5.22	46.	9295
Chlorobenzene	mg/kg	0.0486	0.0484	0.41	46.	2733
1,1-Dichloroethene	mg/kg	0.0423	0.0460	8.38	42.	9295
1,1-Dichloroethene	mg/kg	0.0541	0.0565	4.34	42.	2733
Toluene	mg/kg	0.0488	0.0509	4.21	48.	9295
Toluene	mg/kg	0.0508	0.0519	2.14	48.	2733
Trichloroethene	mg/kg	0.0456	0.0479	4.92	43.	9295
Trichloroethene	mg/kg	0.0462	0.0473	2.35	43.	2733
Tetrachloroethene	mg/kg	0.0450	0.0477	5.83	45.	9295
Tetrachloroethene	mg/kg	0.0444	0.0465	4.62	45.	2733
VOA Surr 1,2-DCA-d4	% Rec		88.			9295
VOA Surr 1,2-DCA-d4	% Rec		78.			2733
VOA Surr Toluene-d8	% Rec		105.			9295
VOA Surr Toluene-d8	% Rec		111.			2733
VOA Surr, 4-BFB	% Rec		102.			9295
VOA Surr, 4-BFB	% Rec		107.			2733
VOA Surr, DBFM	% Rec		93.			9295
VOA Surr, DBFM	% Rec		90.			2733
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/kg	1.06	1.06	0.00	38.	2068
N-nitrosodi-n-propylamine	mg/kg	1.12	1.19	6.06	39.	2068
1,2,4-Trichlorobenzene	mg/kg	1.12	1.12	0.00	43.	2068
4-Chloro-3-methylphenol	mg/kg	1.19	1.25	4.92	35.	2068
Acenaphthene	mg/kg	1.19	1.22	2.49	35.	2068
2,4-dinitrotoluene	mg/kg	1.29	1.39	7.46	35.	2068

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Pyrene	mg/kg	1.19	1.25	4.92	38.	2068
2-Chlorophenol	mg/kg	1.09	1.09	0.00	37.	2068
4-Nitrophenol	mg/kg	1.19	1.25	4.92	38.	2068
Pentachlorophenol	mg/kg	1.25	1.29	3.15	39.	2068

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/kg	0.250	0.209	84	42 - 149	9295
Acetone	mg/kg	0.250	0.254	102	42 - 149	2733
Benzene	mg/kg	0.0500	0.0474	95	69 - 128	9295
Benzene	mg/kg	0.0500	0.0476	95	69 - 128	2733
Bromobenzene	mg/kg	0.0500	0.0556	111	70 - 123	2763
Bromobenzene	mg/kg	0.0500	0.0571	114	70 - 123	9295
Bromobenzene	mg/kg	0.0500	0.0558	112	70 - 123	2733
Bromochloromethane	mg/kg	0.0500	0.0490	98	72 - 139	9295
Bromochloromethane	mg/kg	0.0500	0.0480	96	72 - 139	2733
Bromoform	mg/kg	0.0500	0.0519	104	57 - 127	2763
Bromoform	mg/kg	0.0500	0.0474	95	57 - 127	9295
Bromoform	mg/kg	0.0500	0.0486	97	57 - 127	2733
Bromomethane	mg/kg	0.0500	0.0386	77	44 - 145	9295
Bromomethane	mg/kg	0.0500	0.0328	66	44 - 145	2733
2-Butanone	mg/kg	0.250	0.222	89	46 - 152	9295
2-Butanone	mg/kg	0.250	0.256	102	46 - 152	2733
n-Butylbenzene	mg/kg	0.0500	0.0568	114	42 - 144	2763
n-Butylbenzene	mg/kg	0.0500	0.0572	114	42 - 144	9295

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
n-Butylbenzene	mg/kg	0.0500	0.0570	114	42 - 144	2733
sec-Butylbenzene	mg/kg	0.0500	0.0562	112	64 - 133	2763
sec-Butylbenzene	mg/kg	0.0500	0.0584	117	64 - 133	9295
sec-Butylbenzene	mg/kg	0.0500	0.0567	113	64 - 133	2733
tert-Butylbenzene	mg/kg	0.0500	0.0548	110	71 - 130	2763
tert-Butylbenzene	mg/kg	0.0500	0.0569	114	71 - 130	9295
tert-Butylbenzene	mg/kg	0.0500	0.0555	111	71 - 130	2733
Carbon disulfide	mg/kg	0.0500	0.0439	88	63 - 139	9295
Carbon disulfide	mg/kg	0.0500	0.0429	86	63 - 139	2733
Carbon tetrachloride	mg/kg	0.0500	0.0430	86	64 - 139	9295
Carbon tetrachloride	mg/kg	0.0500	0.0405	81	64 - 139	2733
Chlorobenzene	mg/kg	0.0500	0.0522	104	75 - 123	2763
Chlorobenzene	mg/kg	0.0500	0.0529	106	75 - 123	9295
Chlorobenzene	mg/kg	0.0500	0.0526	105	75 - 123	2733
Chloroethane	mg/kg	0.0500	0.0385	77	53 - 158	9295
Chloroethane	mg/kg	0.0500	0.0374	75	53 - 158	2733
Chloroform	mg/kg	0.0500	0.0452	90	68 - 133	9295
Chloroform	mg/kg	0.0500	0.0434	87	68 - 133	2733
Chloromethane	mg/kg	0.0500	0.0509	102	46 - 153	9295
Chloromethane	mg/kg	0.0500	0.0587	117	46 - 153	2733
2-Chlorotoluene	mg/kg	0.0500	0.0554	111	65 - 128	2763
2-Chlorotoluene	mg/kg	0.0500	0.0575	115	65 - 128	9295
2-Chlorotoluene	mg/kg	0.0500	0.0538	108	65 - 128	2733
4-Chlorotoluene	mg/kg	0.0500	0.0571	114	59 - 132	2763
4-Chlorotoluene	mg/kg	0.0500	0.0565	113	59 - 132	9295
4-Chlorotoluene	mg/kg	0.0500	0.0551	110	59 - 132	2733
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0616	123	54 - 134	2763
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0492	98	54 - 134	9295
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0558	112	54 - 134	2733
Dibromochloromethane	mg/kg	0.0500	0.0502	100	65 - 128	2763
Dibromochloromethane	mg/kg	0.0500	0.0490	98	65 - 128	9295

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Dibromochloromethane	mg/kg	0.0500	0.0491	98	65 - 128	2733
1,2-Dibromoethane	mg/kg	0.0500	0.0536	107	46 - 152	2763
1,2-Dibromoethane	mg/kg	0.0500	0.0514	103	46 - 152	9295
1,2-Dibromoethane	mg/kg	0.0500	0.0529	106	46 - 152	2733
Dibromomethane	mg/kg	0.0500	0.0470	94	70 - 135	9295
Dibromomethane	mg/kg	0.0500	0.0467	93	70 - 135	2733
1,2-Dichlorobenzene	mg/kg	0.0500	0.0598	120	69 - 127	2763
1,2-Dichlorobenzene	mg/kg	0.0500	0.0591	118	69 - 127	9295
1,2-Dichlorobenzene	mg/kg	0.0500	0.0593	119	69 - 127	2733
1,3-Dichlorobenzene	mg/kg	0.0500	0.0586	117	58 - 134	2763
1,3-Dichlorobenzene	mg/kg	0.0500	0.0603	121	58 - 134	9295
1,3-Dichlorobenzene	mg/kg	0.0500	0.0581	116	58 - 134	2733
1,4-Dichlorobenzene	mg/kg	0.0500	0.0609	122	56 - 131	2763
1,4-Dichlorobenzene	mg/kg	0.0500	0.0595	119	56 - 131	9295
1,4-Dichlorobenzene	mg/kg	0.0500	0.0596	119	56 - 131	2733
Dichlorodifluoromethane	mg/kg	0.0500	0.0489	98	45 - 166	9295
Dichlorodifluoromethane	mg/kg	0.0500	0.0434	87	45 - 166	2733
1,1-Dichloroethane	mg/kg	0.0500	0.0481	96	66 - 138	9295
1,1-Dichloroethane	mg/kg	0.0500	0.0474	95	66 - 138	2733
1,2-Dichloroethane	mg/kg	0.0500	0.0445	89	60 - 137	9295
1,2-Dichloroethane	mg/kg	0.0500	0.0417	83	60 - 137	2733
1,1-Dichloroethene	mg/kg	0.0500	0.0444	89	68 - 138	9295
1,1-Dichloroethene	mg/kg	0.0500	0.0436	87	68 - 138	2733
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0477	95	67 - 136	9295
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0459	92	67 - 136	2733
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0404	81	64 - 137	9295
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0397	79	64 - 137	2733
1,2-Dichloropropane	mg/kg	0.0500	0.0491	98	75 - 128	9295
1,2-Dichloropropane	mg/kg	0.0500	0.0493	99	75 - 128	2733
1,3-Dichloropropane	mg/kg	0.0500	0.0515	103	75 - 126	2763
1,3-Dichloropropane	mg/kg	0.0500	0.0521	104	75 - 126	9295

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,3-Dichloropropane	mg/kg	0.0500	0.0516	103	75 - 126	2733
2,2-Dichloropropane	mg/kg	0.0500	0.0436	87	57 - 139	9295
2,2-Dichloropropane	mg/kg	0.0500	0.0413	83	57 - 139	2733
1,1-Dichloropropene	mg/kg	0.0500	0.0456	91	68 - 137	9295
1,1-Dichloropropene	mg/kg	0.0500	0.0446	89	68 - 137	2733
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0508	102	75 - 128	2763
cis-1,3-Dichloroprcpene	mg/kg	0.0500	0.0497	99	75 - 128	9295
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0481	96	75 - 128	2733
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0508	102	64 - 130	2763
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0505	101	64 - 130	9295
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0470	94	64 - 130	2733
Ethylbenzene	mg/kg	0.0500	0.0508	102	72 - 125	2763
Ethylbenzene	mg/kg	0.0500	0.0517	103	72 - 125	9295
Ethylbenzene	mg/kg	0.0500	0.0502	100	72 - 125	2733
Hexachlorobutadiene	mg/kg	0.0500	0.0566	113	45 - 142	2763
Hexachlorobutadiene	mg/kg	0.0500	0.0549	110	45 - 142	9295
Hexachlorobutadiene	mg/kg	0.0500	0.0534	107	45 - 142	2733
2-Hexanone	mg/kg	0.250	0.287	115	52 - 147	2763
2-Hexanone	mg/kg	0.250	0.244	98	52 - 147	9295
2-Hexanone	mg/kg	0.250	0.264	106	52 - 147	2733
Isopropylbenzene	mg/kg	0.0500	0.0513	103	70 - 129	2763
Isopropylbenzene	mg/kg	0.0500	0.0514	103	70 - 129	9295
Isopropylbenzene	mg/kg	0.0500	0.0496	99	70 - 129	2733
p-Isopropyltoluene	mg/kg	0.0500	0.0573	115	57 - 135	2763
p-Isopropyltoluene	mg/kg	0.0500	0.0588	118	57 - 135	9295
p-Isopropyltoluene	mg/kg	0.0500	0.0584	117	57 - 135	2733
4-Methyl-2-pentanone	mg/kg	0.250	0.278	111	54 - 142	2763
4-Methyl-2-pentanone	mg/kg	0.250	0.252	101	54 - 142	9295
4-Methyl-2-pentanone	mg/kg	0.250	0.266	106	54 - 142	2733
Methylene chloride	mg/kg	0.0500	0.0327	65	57 - 137	9295
Methylene chloride	mg/kg	0.0500	0.0320	64	57 - 137	2733

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Naphthalene	mg/kg	0.0500	0.0595	119	58 - 143	2763
Naphthalene	mg/kg	0.0500	0.0527	105	58 - 143	9295
Naphthalene	mg/kg	0.0500	0.0626	125	58 - 143	2733
n-Propylbenzene	mg/kg	0.0500	0.0572	114	61 - 134	2763
n-Propylbenzene	mg/kg	0.0500	0.0597	119	61 - 134	9295
n-Propylbenzene	mg/kg	0.0500	0.0566	113	61 - 134	2733
Styrene	mg/kg	0 0500	0.0524	105	73 - 132	2763
Styrene	mg/kg	0.0500	0.0538	108	73 - 132	9295
Styrene	mg/kg	0.0500	0.0533	107	73 - 132	2733
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0489	98	75 - 126	2763
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0493	99	75 - 126	9295
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0482	96	75 - 126	2733
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0592	118	67 - 132	2763
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0566	113	67 - 132	9295
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0591	118	67 - 132	2733
Tetrachloroethene	mg/kg	0.0500	0.0523	105	64 - 132	2763
Tetrachloroethene	mg/kg	0.0500	0.0522	104	64 - 132	9295
Tetrachloroethene	mg/kg	0.0500	0.0518	104	64 - 132	2733
Toluene	mg/kg	0.0500	0.0506	101	74 - 123	2763
Toluene	mg/kg	0.0500	0.0516	103	74 - 123	9295
Toluene	mg/kg	0.0500	0.0498	100	74 - 123	2733
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0700	140	44 - 145	2763
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0626	125	44 - 145	9295
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0646	129	44 - 145	2733
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0652	130	41 - 146	2763
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0610	122	41 - 146	9295
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0608	122	41 - 146	2733
1,1,1-Trichloroethane	mg/kg	0.0500	0.0436	87	65 - 138	9295
1,1,1-Trichloroethane	mg/kg	0.0500	0.0408	82	65 - 138	2733
1,1,2-Trichloroethane	mg/kg	0.0500	0.0531	106	75 - 128	2763
1,1,2-Trichloroethane	mg/kg	0.0500	0.0516	103	75 - 128	9295

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1,1,2-Trichloroethane	mg/kg	0.0500	0.0522	104	75 - 128	2733
Trichloroethene	mg/kg	0.0500	0.0485	97	72 - 131	9295
Trichloroethene	mg/kg	0.0500	0.0478	96	72 - 131	2733
1,2,3-Trichloropropane	mg/kg	0.0500	0.0606	121	62 - 133	2763
1,2,3-Trichloropropane	mg/kg	0.0500	0.0564	113	62 - 133	9295
1,2,3-Trichloropropane	mg/kg	0.0500	0.0565	113	62 - 133	2733
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0541	108	60 - 132	2763
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0549	110	60 - 132	9295
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0529	106	60 - 132	2733
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0567	113	65 - 131	2763
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0559	112	65 - 131	9295
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0554	111	65 - 131	2733
Vinyl chloride	mg/kg	0.0500	0.0511	102	61 - 147	9295
Vinyl chloride	mg/kg	0.0500	0.0482	96	61 - 147	2733
Xylenes (Total)	mg/kg	0.150	0.153	102	70 - 128	2763
Xylenes (Total)	mg/kg	0.150	0.157	105	70 - 128	9295
Xylenes (Total)	mg/kg	0.150	0.151	101	70 - 128	2733
Bromodichloromethane	mg/kg	0.0500	0.0439	88	66 - 134	9295
Bromodichloromethane	mg/kg	0.0500	0.0424	85	66 - 134	2733
Trichlorofluoromethane	mg/kg	0.0500	0.0433	87	57 - 148	9295
Trichlorofluoromethane	mg/kg	0.0500	0.0404	81	57 - 148	2733
VOA Surr 1,2-DCA-d4	% Rec			104	59 - 134	2763
VOA Surr 1,2-DCA-d4	% Rec			89	59 - 134	9295
VOA Surr 1,2-DCA-d4	% Rec			84	59 - 134	2733
VOA Surr Toluene-d8	% Rec			108	67 - 129	2763
VOA Surr Toluene-d8	% Rec			108	67 - 129	9295
VOA Surr Toluene-d8	% Rec			106	67 - 129	2733
VOA Surr, 4-BFB	% Rec			104	60 - 134	2763
VOA Surr, 4-BFB	% Rec			106	60 - 134	9295
VOA Surr, 4-BFB	% Rec			101	60 - 134	2733
VOA Surr, DBFM	% Rec			98	67 - 126	2763

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			92	67 - 126	9295
VOA Surr, DBFM	% Rec			91	67 - 126	2733
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/kg	1.67	1.22	73	51 - 107	2068
Acenaphthylene	mg/kg	1.67	1.19	71	50 - 109	2068
Anthracene	mg/kg	1.67	1.25	75	52 - 112	2068
Benzo(a)anthracene	mg/kg	1.67	1.22	73	49 - 112	2068
Benzo(a)pyrene	mg/kg	1.67	1.32	79	49 - 108	2068
Benzo(b)fluoranthene	mg/kg	1.67	1.29	77	45 - 110	2068
Benzo(g,h,i)perylene	mg/kg	1.67	1.29	77	40 - 127	2068
Benzo(k)fluoranthene	mg/kg	1.67	1.22	73	50 - 117	2068
4-Bromophenylphenylether	mg/kg	1.67	1.09	65	52 - 120	2068
Butylbenzylphthalate	mg/kg	1.67	1.32	79	49 - 123	2068
Carbazole	mg/kg	1.67	1.32	79	47 - 103	2068
4-Chloro-3-methylphenol	mg/kg	1.67	1.29	77	53 - 112	2068
4-Chloroaniline	mg/kg	1.67	1.02	61	39 - 100	2068
bis(2-Chloroethoxy)methane	mg/kg	1.67	1.35	81	49 - 105	2068
bis(2-Chloroethyl)ether	mg/kg	1.67	1.09	65	43 - 110	2068
bis(2-Chloroisopropyl)ether	mg/kg	1.67	1.19	71	45 - 108	2068
2-Chloronaphthalene	mg/kg	1.67	1.19	71	49 - 114	2068
4-Chlorophenylphenylether	mg/kg	1.67	1.22	73	53 - 116	2068
Chrysene	mg/kg	1.67	1.19	71	49 - 113	2068
Dibenzofuran	mg/kg	1.67	1.25	75	52 - 112	2068
Dibenz(a,h)anthracene	mg/kg	1.67	1.29	77	30 - 125	2068
1,2-Dichlorobenzene	mg/kg	1.67	1.09	65	48 - 106	2068
1,3-Dichlorobenzene	mg/kg	1.67	1.02	61	47 - 103	2068
1,4-Dichlorobenzene	mg/kg	1.67	1.02	61	48 - 102	2068
3,3'-Dichlorobenzidine	mg/kg	1.67	1.02	61	31 - 141	2068
Diethylphthalate	mg/kg	1.67	1.29	77	51 - 119	2068
Dimethylphthalate	mg/kg	1.67	1.19	71	55 - 113	2068
2,4-dinitrotoluene	mg/kg	1.67	1.35	81	54 - 120	2068

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2,6-Dinitrotoluene	mg/kg	1.67	1.32	79	52 - 122	2068
Di-n-octylphthalate	mg/kg	1.67	1.35	81	43 - 137	2068
Fluoranthene	mg/kg	1.67	1.25	75	54 - 114	2068
Fluorene	mg/kg	1.67	1.25	75	48 - 114	2068
Hexachlorobenzene	mg/kg	1.67	1.22	73	52 - 119	2068
Hexachlorobutadiene	mg/kg	1.67	1.22	73	45 - 113	2068
Hexachlorocyclopentadiene	mg/kg	1.67	1.09	65	38 - 115	2068
Hexachloroethane	mg/kg	1.67	0.990	59	43 - 112	2068
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.45	87	43 - 127	2068
Isophorone	mg/kg	1.67	1.25	75	48 - 106	2068
2-Methylnaphthalene	mg/kg	1.67	1.25	75	45 - 116	2068
Naphthalene	mg/kg	1.67	1.16	69	47 - 105	2068
2-Nitroaniline	mg/kg	1.67	1.29	77	41 - 106	2068
3-Nitroaniline	mg/kg	1.67	1.06	63	39 - 108	2068
4-Nitroaniline	mg/kg	1.67	1.25	75	41 - 111	2068
Nitrobenzene	mg/kg	1.67	1.16	69	36 - 115	2068
N-nitrosodi-n-propylamine	mg/kg	1.67	1.19	71	45 - 113	2068
N-nitrosodiphenylamine	mg/kg	1.67	1.22	73	57 - 116	2068
Phenanthrene	mg/kg	1.67	1.19	71	55 - 109	2068
Pyrene	mg/kg	1.67	1.25	75	48 - 113	2068
Bis(2-ethylhexyl)phthalate	mg/kg	1.67	1.29	77	50 - 125	2068
1,2,4-Trichlorobenzene	mg/kg	1.67	1.12	67	48 - 109	2068
2,4,6-Trichlorophenol	mg/kg	1.67	1.12	67	50 - 112	2068
2-Chlorophenol	mg/kg	1.67	1.09	65	49 - 103	2068
2,4-Dichlorophenol	mg/kg	1.67	1.19	71	50 - 111	2068
2,4-Dimethylphenol	mg/kg	1.67	1.35	81	46 - 104	2068
4,6-Dinitro-2-methylphenol	mg/kg	1.67	1.29	77	38 - 127	2068
2,4-Dinitrophenol	mg/kg	1.67	1.35	81	30 - 125	2068
2-Methylphenol	mg/kg	1.67	1.25	75	48 - 105	2068
m,p-Methylphenol	mg/kg	1.67	1.42	85	49 - 107	2068
2-Nitrophenol	mg/kg	1.67	1.16	69	49 - 111	2068

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
4-Nitrophenol	mg/kg	1.67	1.29	77	39 - 122	2068
Pentachlorophenol	mg/kg	1.67	1.22	73	42 - 117	2068
Phenol	mg/kg	1.67	1.12	67	47 - 104	2068
2,4,5-Trichlorophenol	mg/kg	1.67	1.32	79	51 - 114	2068

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.0103	mg/kg	9295	2/10/04	17:29
Acetone	< 0.0103	mg/kg	2733	2/11/04	17:41
Benzene	< 0.0003	mg/kg	9295	2/10/04	17:29
Benzene	< 0.0003	mg/kg	2733	2/11/04	17:41
Bromobenzene	< 0.00050	mg/kg	2763	2/ 9/04	18:05
Bromobenzene	< 0.00050	mg/kg	9295	2/10/04	17:29
Bromobenzene	< 0.00050	mg/kg	2733	2/11/04	17:41
Bromochloromethane	< 0.00050	mg/kg	9295	2/10/04	17:29
Bromochloromethane	< 0.00050	mg/kg	2733	2/11/04	17:41
Bromoform	< 0.0008	mg/kg	2763	2/ 9/04	18:05

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Bromoform	< 0.0008	mg/kg	9295	2/10/04	17:29
Bromoform	< 0.0008	mg/kg	2733	2/11/04	17:41
Bromomethane	< 0.0009	mg/kg	9295	2/10/04	17:29
Bromomethane	< 0.0009	mg/kg	2733	2/11/04	17:41
2-Butanone	< 0.0210	mg/kg	9295	2/10/04	17:29
2-Butanone	< 0.0210	mg/kg	2733	2/11/04	17:41
n-Butylbenzene	< 0.00070	mg/kg	2763	2/ 9/04	18:05
n-Butylbenzene	< 0.00070	mg/kg	9295	2/10/04	17:29
n-Butylbenzene	< 0.00070	mg/kg	2733	2/11/04	17:41
sec-Butylbenzene	< 0.00070	mg/kg	2763	2/ 9/04	18:05
sec-Butylbenzene	< 0.00070	mg/kg	9295	2/10/04	17:29
sec-Butylbenzene	< 0.00070	mg/kg	2733	2/11/04	17:41
tert-Butylbenzene	< 0.00060	mg/kg	2763	2/ 9/04	18:05
tert-Butylbenzene	< 0.00060	mg/kg	9295	2/10/04	17:29
tert-Butylbenzene	< 0.00060	mg/kg	2733	2/11/04	17:41
Carbon disulfide	< 0.00040	mg/kg	9295	2/10/04	17:29
Carbon disulfide	< 0.00040	mg/kg	2733	2/11/04	17:41
Carbon tetrachloride	< 0.0006	mg/kg	9295	2/10/04	17:29
Carbon tetrachloride	< 0.0006	mg/kg	2733	2/11/04	17:41
Chlorobenzene	< 0.0006	mg/kg	2763	2/ 9/04	18:05
Chlorobenzene	< 0.0006	mg/kg	9295	2/10/04	17:29
Chlorobenzene	< 0.0006	mg/kg	2733	2/11/04	17:41
Chloroethane	< 0.0010	mg/kg	9295	2/10/04	17:29
Chloroethane	< 0.0010	mg/kg	2733	2/11/04	17:41
Chloroform	< 0.0007	mg/kg	9295	2/10/04	17:29
Chloroform	< 0.0007	mg/kg	2733	2/11/04	17:41
Chloromethane	< 0.0005	mg/kg	9295	2/10/04	17:29
Chloromethane	< 0.0005	mg/kg	2733	2/11/04	17:41
2-Chlorotoluene	< 0.00060	mg/kg	2763	2/ 9/04	18:05
2-Chlorotoluene	< 0.00060	mg/kg	9295	2/10/04	17:29
2-Chlorotoluene	< 0.00060	mg/kg	2733	2/11/04	17:41

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4-Chlorotoluene	< 0.00040	mg/kg	2763	2/ 9/04	18:05
4-Chlorotoluene	< 0.00040	mg/kg	9295	2/10/04	17:29
4-Chlorotoluene	< 0.00040	mg/kg	2733	2/11/04	17:41
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	2763	2/ 9/04	18:05
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	9295	2/10/04	17:29
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	2733	2/11/04	17:41
Dibromochloromethane	< 0.0006	mg/kg	2763	2/ 9/04	18:05
Dibromochloromethane	< 0.0006	mg/kg	9295	2/10/04	17:29
Dibromochloromethane	< 0.0006	mg/kg	2733	2/11/04	17:41
1,2-Dibromoethane	< 0.00060	mg/kg	2763	2/ 9/04	18:05
1,2-Dibromoethane	< 0.00060	mg/kg	9295	2/10/04	17:29
1,2-Dibromoethane	< 0.00060	mg/kg	2733	2/11/04	17:41
Dibromomethane	< 0.00090	mg/kg	9295	2/10/04	17:29
Dibromomethane	< 0.00090	mg/kg	2733	2/11/04	17:41
1,2-Dichlorobenzene	< 0.0004	mg/kg	2763	2/ 9/04	18:05
1,2-Dichlorobenzene	< 0.0004	mg/kg	9295	2/10/04	17:29
1,2-Dichlorobenzene	< 0.0004	mg/kg	2733	2/11/04	17:41
1,3-Dichlorobenzene	< 0.0006	mg/kg	2763	2/ 9/04	18:05
1,3-Dichlorobenzene	< 0.0006	mg/kg	9295	2/10/04	17:29
1,3-Dichlorobenzene	< 0.0006	mg/kg	2733	2/11/04	17:41
1,4-Dichlorobenzene	< 0.0005	mg/kg	2763	2/ 9/04	18:05
1,4-Dichlorobenzene	< 0.0005	mg/kg	9295	2/10/04	17:29
1,4-Dichlorobenzene	< 0.0005	mg/kg	2733	2/11/04	17:41
Dichlorodifluoromethane	< 0.0006	mg/kg	9295	2/10/04	17:29
Dichlorodifluoromethane	< 0.0006	mg/kg	2733	2/11/04	17:41
1,1-Dichloroethane	< 0.0008	mg/kg	9295	2/10/04	17:29
1,1-Dichloroethane	< 0.0008	mg/kg	2733	2/11/04	17:41
1,2-Dichloroethane	< 0.0004	mg/kg	9295	2/10/04	17:29
1,2-Dichloroethane	< 0.0004	mg/kg	2733	2/11/04	17:41
1,1-Dichloroethene	< 0.0007	mg/kg	9295	2/10/04	17:29
1,1-Dichloroethene	< 0.0007	mg/kg	2733	2/11/04	17:41

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
cis-1,2-Dichloroethene	< 0.0004	mg/kg	9295	2/10/04	17:29
cis-1,2-Dichloroethene	< 0.0004	mg/kg	2733	2/11/04	17:41
trans-1,2-Dichloroethene	< 0.0007	mg/kg	9295	2/10/04	17:29
trans-1,2-Dichloroethene	< 0.0007	mg/kg	2733	2/11/04	17:41
1,2-Dichloropropane	< 0.0008	mg/kg	9295	2/10/04	17:29
1,2-Dichloropropane	< 0.0008	mg/kg	2733	2/11/04	17:41
1,3-Dichloropropane	< 0.00040	mg/kg	2763	2/ 9/04	18:05
1,3-Dichloropropane	< 0.00040	mg/kg	9295	2/10/04	17:29
1,3-Dichloropropane	< 0.00040	mg/kg	2733	2/11/04	17:41
2,2-Dichloropropane	< 0.00070	mg/kg	9295	2/10/04	17:29
2,2-Dichloropropane	< 0.00070	mg/kg	2733	2/11/04	17:41
1,1-Dichloropropene	< 0.00080	mg/kg	9295	2/10/04	17:29
1,1-Dichloropropene	< 0.00080	mg/kg	2733	2/11/04	17:41
cis-1,3-Dichloropropene	< 0.0006	mg/kg	2763	2/ 9/04	18:05
cis-1,3-Dichloropropene	< 0.0006	mg/kg	9295	2/10/04	17:29
cis-1,3-Dichloropropene	< 0.0006	mg/kg	2733	2/11/04	17:41
trans-1,3-Dichloropropene	< 0.0005	mg/kg	2763	2/ 9/04	18:05
trans-1,3-Dichloropropene	< 0.0005	mg/kg	9295	2/10/04	17:29
trans-1,3-Dichloropropene	< 0.0005	mg/kg	2733	2/11/04	17:41
Ethylbenzene	< 0.0005	mg/kg	2763	2/ 9/04	18:05
Ethylbenzene	< 0.0005	mg/kg	9295	2/10/04	17:29
Ethylbenzene	< 0.0005	mg/kg	2733	2/11/04	17:41
Hexachlorobutadiene	< 0.00050	mg/kg	2763	2/ 9/04	18:05
Hexachlorobutadiene	< 0.00050	mg/kg	9295	2/10/04	17:29
Hexachlorobutadiene	< 0.00050	mg/kg	2733	2/11/04	17:41
2-Hexanone	< 0.00650	mg/kg	2763	2/ 9/04	18:05
2-Hexanone	< 0.00650	mg/kg	9295	2/10/04	17:29
2-Hexanone	< 0.00650	mg/kg	2733	2/11/04	17:41
Isopropylbenzene	< 0.00060	mg/kg	2763	2/ 9/04	18:05
Isopropylbenzene	< 0.00060	mg/kg	9295	2/10/04	17:29
Isopropylbenzene	< 0.00060	mg/kg	2733	2/11/04	17:41

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
p-Isopropyltoluene	< 0.00070	mg/kg	2763	2/ 9/04	18:05
p-Isopropyltoluene	< 0.00070	mg/kg	9295	2/10/04	17:29
p-Isopropyltoluene	< 0.00070	mg/kg	2733	2/11/04	17:41
4-Methyl-2-pentanone	< 0.00360	mg/kg	2763	2/ 9/04	18:05
4-Methyl-2-pentanone	< 0.00360	mg/kg	9295	2/10/04	17:29
4-Methyl-2-pentanone	< 0.00360	mg/kg	2733	2/11/04	17:41
Methylene chloride	< 0.0007	mg/kg	9295	2/10/04	17:29
Methylene chloride	< 0.0007	mg/kg	2733	2/11/04	17:41
Naphthalene	0.00120	mg/kg	2763	2/ 9/04	18:05
Naphthalene	0.00110	mg/kg	9295	2/10/04	17:29
Naphthalene	< 0.00100	mg/kg	2733	2/11/04	17:41
n-Propylbenzene	< 0.00050	mg/kg	2763	2/ 9/04	18:05
n-Propylbenzene	< 0.00050	mg/kg	9295	2/10/04	17:29
n-Propylbenzene	< 0.00050	mg/kg	2733	2/11/04	17:41
Styrene	< 0.00040	mg/kg	2763	2/ 9/04	18:05
Styrene	< 0.00040	mg/kg	9295	2/10/04	17:29
Styrene	< 0.00040	mg/kg	2733	2/11/04	17:41
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	2763	2/ 9/04	18:05
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	9295	2/10/04	17:29
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	2733	2/11/04	17:41
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	2763	2/ 9/04	18:05
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	9295	2/10/04	17:29
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	2733	2/11/04	17:41
Tetrachloroethene	< 0.0005	mg/kg	2763	2/ 9/04	18:05
Tetrachloroethene	< 0.0005	mg/kg	9295	2/10/04	17:29
Tetrachloroethene	< 0.0005	mg/kg	2733	2/11/04	17:41
Toluene	< 0.0008	mg/kg	2763	2/ 9/04	18:05
Toluene	< 0.0008	mg/kg	9295	2/10/04	17:29
Toluene	< 0.0008	mg/kg	2733	2/11/04	17:41
1,2,3-Trichlorobenzene	0.00110	mg/kg	2763	2/ 9/04	18:05
1,2,3-Trichlorobenzene	0.00120	mg/kg	9295	2/10/04	17:29

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EW WILLIAMS CONSTRUCTION
Page: 16
Laboratory Receipt Date: 2/ 7/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	2733	2/11/04	17:41
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	2763	2/ 9/04	18:05
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	9295	2/10/04	17:29
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	2733	2/11/04	17:41
1,1,1-Trichloroethane	< 0.0008	mg/kg	9295	2/10/04	17:29
1,1,1-Trichloroethane	< 0.0008	mg/kg	2733	2/11/04	17:41
1,1,2-Trichloroethane	< 0.0005	mg/kg	2763	2/ 9/04	18:05
1,1,2-Trichloroethane	< 0.0005	mg/kg	9295	2/10/04	17:29
1,1,2-Trichloroethane	< 0.0005	mg/kg	2733	2/11/04	17:41
Trichloroethene	< 0.0006	mg/kg	9295	2/10/04	17:29
Trichloroethene	< 0.0006	mg/kg	2733	2/11/04	17:41
1,2,3-Trichloropropane	< 0.00070	mg/kg	2763	2/ 9/04	18:05
1,2,3-Trichloropropane	< 0.00070	mg/kg	9295	2/10/04	17:29
1,2,3-Trichloropropane	< 0.00070	mg/kg	2733	2/11/04	17:41
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	2763	2/ 9/04	18:05
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	9295	2/10/04	17:29
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	2733	2/11/04	17:41
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	2763	2/ 9/04	18:05
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	9295	2/10/04	17:29
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	2733	2/11/04	17:41
Vinyl chloride	< 0.0010	mg/kg	9295	2/10/04	17:29
Vinyl chloride	< 0.0010	mg/kg	2733	2/11/04	17:41
Xylenes (Total)	< 0.0013	mg/kg	2763	2/ 9/04	18:05
Xylenes (Total)	< 0.0013	mg/kg	9295	2/10/04	17:29
Xylenes (Total)	< 0.0013	mg/kg	2733	2/11/04	17:41
Bromodichloromethane	< 0.0009	mg/kg	9295	2/10/04	17:29
Bromodichloromethane	< 0.0009	mg/kg	2733	2/11/04	17:41
Trichlorofluoromethane	< 0.0005	mg/kg	9295	2/10/04	17:29
Trichlorofluoromethane	< 0.0005	mg/kg	2733	2/11/04	17:41

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EW WILLIAMS CONSTRUCTION
Page: 17
Laboratory Receipt Date: 2/ 7/04

VOA Surr 1,2-DCA-d4	108.	% Rec	2763	2/ 9/04	18:05
VOA Surr 1,2-DCA-d4	107.	% Rec	9295	2/10/04	17:29
VOA Surr 1,2-DCA-d4	104.	% Rec	2733	2/11/04	17:41
VOA Surr Toluene-d8	104.	% Rec	2763	2/ 9/04	18:05
VOA Surr Toluene-d8	105.	% Rec	9295	2/10/04	17:29
VOA Surr Toluene-d8	101.	% Rec	2733	2/11/04	17:41
VOA Surr, 4-BFB	105.	% Rec	2763	2/ 9/04	18:05
VOA Surr, 4-BFB	107.	% Rec	9295	2/10/04	17:29
VOA Surr, 4-BFB	108.	% Rec	2733	2/11/04	17:41
VOA Surr, DBFM	98.	% Rec	2763	2/ 9/04	18:05
VOA Surr, DBFM	97.	% Rec	9295	2/10/04	17:29
VOA Surr, DBFM	97.	% Rec	2733	2/11/04	17:41
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.330	mg/kg	2068	2/11/04	15:22
Acenaphthylene	< 0.330	mg/kg	2068	2/11/04	15:22
Anthracene	< 0.330	mg/kg	2068	2/11/04	15:22
Benzo(a)anthracene	< 0.330	mg/kg	2068	2/11/04	15:22
Benzo(a)pyrene	< 0.330	mg/kg	2068	2/11/04	15:22
Benzo(b)fluoranthene	< 0.330	mg/kg	2068	2/11/04	15:22
Benzo(g,h,i)perylene	< 0.330	mg/kg	2068	2/11/04	15:22
Benzo(k)fluoranthene	< 0.330	mg/kg	2068	2/11/04	15:22
4-Bromophenylphenylether	< 0.330	mg/kg	2068	2/11/04	15:22
Butylbenzylphthalate	< 0.330	mg/kg	2068	2/11/04	15:22
Carbazole	< 0.330	mg/kg	2068	2/11/04	15:22
4-Chloro-3-methylphenol	< 0.330	mg/kg	2068	2/11/04	15:22
4-Chloroaniline	< 0.330	mg/kg	2068	2/11/04	15:22
bis(2-Chloroethoxy)methane	< 0.330	mg/kg	2068	2/11/04	15:22
bis(2-Chloroethyl)ether	< 0.330	mg/kg	2068	2/11/04	15:22
bis(2-Chloroisopropyl)ether	< 0.330	mg/kg	2068	2/11/04	15:22
2-Chloronaphthalene	< 0.330	mg/kg	2068	2/11/04	15:22
2-Chlorophenol	< 0.330	mg/kg	2068	2/11/04	15:22
4-Chlorophenylphenylether	< 0.330	mg/kg	2068	2/11/04	15:22
Chrysene	< 0.330	mg/kg	2068	2/11/04	15:22
Dibenzofuran	< 0.330	mg/kg	2068	2/11/04	15:22
Dibenz(a,h)anthracene	< 0.330	mg/kg	2068	2/11/04	15:22
1,2-Dichlorobenzene	< 0.330	mg/kg	2068	2/11/04	15:22

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EW WILLIAMS CONSTRUCTION
Page: 18
Laboratory Receipt Date: 2/ 7/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,3-Dichlorobenzene	< 0.330	mg/kg	2068	2/11/04	15:22
1,4-Dichlorobenzene	< 0.330	mg/kg	2068	2/11/04	15:22
3,3'-Dichlorobenzidine	< 0.330	mg/kg	2068	2/11/04	15:22
2,4-Dichlorophenol	< 0.330	mg/kg	2068	2/11/04	15:22
Diethylphthalate	< 0.330	mg/kg	2068	2/11/04	15:22
2,4-Dimethylphenol	< 0.330	mg/kg	2068	2/11/04	15:22
Dimethylphthalate	< 0.330	mg/kg	2068	2/11/04	15:22
Di-n-butylphthalate	< 0.330	mg/kg	2068	2/11/04	15:22
4,6-Dinitro-2-methylphenol	< 0.330	mg/kg	2068	2/11/04	15:22
2,4-Dinitrophenol	< 0.330	mg/kg	2068	2/11/04	15:22
2,4-dinitrotoluene	< 0.330	mg/kg	2068	2/11/04	15:22
2,6-Dinitrotoluene	< 0.330	mg/kg	2068	2/11/04	15:22
Di-n-octylphthalate	< 0.330	mg/kg	2068	2/11/04	15:22
Fluoranthene	< 0.330	mg/kg	2068	2/11/04	15:22
Fluorene	< 0.330	mg/kg	2068	2/11/04	15:22
Hexachlorobenzene	< 0.330	mg/kg	2068	2/11/04	15:22
Hexachlorobutadiene	< 0.330	mg/kg	2068	2/11/04	15:22
Hexachlorocyclopentadiene	< 0.330	mg/kg	2068	2/11/04	15:22
Hexachloroethane	< 0.330	mg/kg	2068	2/11/04	15:22
Indeno(1,2,3-cd)pyrene	< 0.330	mg/kg	2068	2/11/04	15:22
Isophorone	< 0.330	mg/kg	2068	2/11/04	15:22
2-Methylnaphthalene	< 0.330	mg/kg	2068	2/11/04	15:22
2-Methylphenol	< 0.330	mg/kg	2068	2/11/04	15:22
m,p-Methylphenol	< 0.330	mg/kg	2068	2/11/04	15:22
Naphthalene	< 0.330	mg/kg	2068	2/11/04	15:22
2-Nitroaniline	< 0.330	mg/kg	2068	2/11/04	15:22
3-Nitroaniline	< 0.330	mg/kg	2068	2/11/04	15:22
4-Nitroaniline	< 0.330	mg/kg	2068	2/11/04	15:22
Nitrobenzene	< 0.330	mg/kg	2068	2/11/04	15:22
2-Nitrophenol	< 0.330	mg/kg	2068	2/11/04	15:22
4-Nitrophenol	< 0.330	mg/kg	2068	2/11/04	15:22

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EW WILLIAMS CONSTRUCTION
Page: 19
Laboratory Receipt Date: 2/ 7/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
N-nitrosodi-n-propylamine	< 0.330	mg/kg	2068	2/11/04	15:22
N-nitrosodiphenylamine	< 0.330	mg/kg	2068	2/11/04	15:22
Pentachlorophenol	< 0.330	mg/kg	2068	2/11/04	15:22
Phenanthrene	< 0.330	mg/kg	2068	2/11/04	15:22
Phenol	< 0.330	mg/kg	2068	2/11/04	15:22
Pyrene	< 0.330	mg/kg	2068	2/11/04	15:22
Bis(2-ethylhexyl)phthalate	< 0.330	mg/kg	2068	2/11/04	15:22
1,2,4-Trichlorobenzene	< 0.330	mg/kg	2068	2/11/04	15:22
2,4,5-Trichlorophenol	< 0.330	mg/kg	2068	2/11/04	15:22
2,4,6-Trichlorophenol	< 0.330	mg/kg	2068	2/11/04	15:22

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 363452

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Nashville, TN 37204

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Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

373124

Client Name: ~~Williams~~ E2S Client #: 2306
Address: 3008 Anderson Dr., Suite 102
City/State/Zip Code: Raleigh, NC 27609
Project Manager: Pat Shillington
Telephone Number: 919-781-7798 Fax:
Sampler Name: (Print Name) T. Patrick Shillington
Sampler Signature: T. Patrick Shillington

Project Name: Williams
Project #:
Site/Location ID: State:
Report To: Same
Invoice To: Same
Quote #: PO#:

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other

Preservation & # of Containers

Analyze For:

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	TPH 5030/3550	TPH 9071	TCLP RCRA Metals	8260	6270	Total RCRA Metals					REMARKS
CS-1	4/26/04	11:54									3		X	X	X					637	64	/	63766
CS-2	4/26/04	12:38									3		X	X	X					637	65	/	767
S-20	4/26/04	2:10						2		2	2					X	X	X					768
S-21	4/26/04	3:05						2		3	2					X	X						769
S-22	4/26/04	3:22						2		3	2					X	X						770
S-23	4/26/04	3:31						2		3	2					X	X						771
S-24	4/26/04	4:06						2		3	2					X	X	X					772
S-25	4/26/04	4:16						2		3	2					X	X	X					773
S-26	4/26/04	4:23						2		3	2					X	X						774
S-27	4/26/04	4:31						2		3	2					X	X						63775

Special Instructions:

Relinquished By: T. Patrick Shillington	Date: 4/27/04	Time: 7:31	Received By: Samuel Lee Hayes	Date: 4/27/04	Time: 15:37
Relinquished By: Samuel Lee Hayes	Date: 4/27/04	Time: 17:45	Received By: [signature]	Date: 4/28/04	Time: 930
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.8°C
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

373124

Client Name: E2S Client #: 2306
Address: 3008 Anderson Drive, Suite 102
City/State/Zip Code: Raleigh, NC 27609
Project Manager: Pat Shilling for
Telephone Number: 919-781-7796 Fax:
Sampler Name: (Print Name) Pat Shilling for
Sampler Signature: T. Pat Shilling

Project Name: Williams
Project #:
Site/Location ID: State:
Report To: Sue
Invoice To: Sue
Quote #: PO#:

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: EPA 8260	EPA 8270	Total MCP Metals	REMARKS
S-28	4/26/04	4:42						2		3	3		X	X	X	63776
S-29	4/26/04	4:56						2		3	2		X	X		63777

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions:

Relinquished By: T. Pat Shilling	Date: 4/27/04	Time: 3:31	Received By: Samuel Lee Hon	Date: 4/27/04	Time: 1513
Relinquished By: Samuel Lee Hon	Date: 4/27/04	Time: 17:45	Received By:	Date: 4/28/04	Time: 930
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.6c
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	jdjacobs	**Phone:**	919-781-7798	NC Closed	☑
Client Name:	E2S: ENGINEERI	**Sample Range:**	63764-63777	Date Closed	4/28/2004
Client Contact:	PAT SHILLINGTO	**SDG:**	373124		
Client Account:	2306	**Analyst:**	71		
Date Created:	4/28/2004	**Supervisor:**	Paul Buckingham		
NC #:	63777	**NC Type:**	NC Analytical 1		
Project Name:	WILLIAMS	**Terminal Manager:**			
Project Number:					
Project Origin	NC				
Regulatory :					

Process: Oil & Grease Method?
Action: Run Method 9071B HEM (soil).

Corrected By: Jennifer Huckaba
Closed: ☑ Jhuckaba

Comments:

Comment added by: jdjacobs on 4/28/2004 3:30:37 PM
NC closed with out comments

****

Comment added by: Jhuckaba on 4/28/2004 3:28:52 PM
Process Closed without Comment

****

Please verify TPH 9071 as TPH 9071A HEM.

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Nashville Division

COOLER RECEIPT FORM **BC#**

Client Name : E2S

Cooler Received/Opened On: 4/28/04 Accessioned By: James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 1.6 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES...NO....NA
   a. If yes, how many, what kind and where: 1 Tape Front
3. Were custody seals on containers and intact?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA
5. Were custody papers inside cooler?..... YES....NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES....NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

    1ZV97409139936 8590, 1ZV97409139949 6782

    Fed-Ex UPS Velocity Airborne Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

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5/ 7/04 CASE NARRATIVE

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: WILLIAMS
Project Number: .
Laboratory Project Number: 373124.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
CS-1	04-A63764	4/26/04
CS-2	04-A63765	4/26/04
CS-1	04-A63766	4/26/04
CS-2	04-A63767	4/26/04
S-20	04-A63768	4/26/04
S-21	04-A63769	4/26/04
S-22	04-A63770	4/26/04
S-23	04-A63771	4/26/04
S-24	04-A63772	4/26/04
S-25	04-A63773	4/26/04
S-26	04-A63774	4/26/04
S-27	04-A63775	4/26/04
S-28	04-A63776	4/26/04
S-29	04-A63777	4/26/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: _____ Report Date: 5/ 7/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Services
Eric S. Smith, QA/QC Director
Gail A. Lage, Technical Services
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Technical Services

Laboratory Certification Number: 387

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63764
Sample ID: CS-1
Sample Type: Solid waste
Site ID:

Date Collected: 4/26/04
Time Collected: 11:54
Date Received: 4/28/04
Time Received: 9:30
Page: 1

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Time	Analyst	Method	QC Batch
Arsenic, TCLP	< 0.100	mg/l	5.0	105	5/ 3/04	8:42	G.McCord	6010B	2361
Barium, TCLP	< 1.00	mg/l	100	95	5/ 3/04	8:42	G.McCord	6010B	2361
Cadmium, TCLP	< 0.100	mg/l	1.0	98	5/ 3/04	8:42	G.McCord	6010B	2361
Chromium, TCLP	< 0.500	mg/l	5.0	94	5/ 3/04	8:42	G.McCord	6010B	2361
Lead, TCLP	< 0.500	mg/l	5.0	100	5/ 3/04	8:42	G.McCord	6010B	2361
Mercury, TCLP	< 0.0100	mg/l	0.2	110	5/ 1/04	12:16	K. Keller	7470A	1222
Selenium, TCLP	< 0.100	mg/l	1.0	118	5/ 3/04	8:42	G.McCord	6010B	2361
Silver, TCLP	< 0.100	mg/l	5.0	103	5/ 3/04	8:42	G.McCord	6010B	2361
TCLP Extraction	Initiated				4/29/04	16:00	B.Minor	1311	9852

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63765
Sample ID: CS-2
Sample Type: Solid waste
Site ID:

Date Collected: 4/26/04
Time Collected: 12:38
Date Received: 4/28/04
Time Received: 9:30
Page: 1

TCLP Results

Analyte	Result	Units	Reg Limit	Matrix Spike Recovery (%)	Date	Time	Analyst	Method	QC Batch
Arsenic, TCLP	< 0.100	mg/l	5.0	105	5/ 3/04	8:42	G.McCord	6010B	2361
Barium, TCLP	< 1.00	mg/l	100	95	5/ 3/04	8:42	G.McCord	6010B	2361
Cadmium, TCLP	< 0.100	mg/l	1.0	98	5/ 3/04	8:42	G.McCord	6010B	2361
Chromium, TCLP	< 0.500	mg/l	5.0	94	5/ 3/04	8:42	G.McCord	6010B	2361
Lead, TCLP	< 0.500	mg/l	5.0	100	5/ 3/04	8:42	G.McCord	6010B	2361
Mercury, TCLP	< 0.0100	mg/l	0.2	110	5/ 1/04	12:16	K. Keller	7470A	1222
Selenium, TCLP	< 0.100	mg/l	1.0	118	5/ 3/04	8:42	G.McCord	6010B	2361
Silver, TCLP	< 0.100	mg/l	5.0	103	5/ 3/04	8:42	G.McCord	6010B	2361
TCLP Extraction	Initiated				4/29/04	16:00	B.Minor	1311	9852

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63766
Sample ID: CS-1
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 11:54
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.7	%		1	4/28/04	13:13	B.Plett	CLP	8809
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	0.12	1	4/29/04	20:10	D. Otero	8015B	8806
TPH (Diesel Range)	57	mg/kg	12.4	1	4/30/04	17:16	M.Jarrett	8015B	2231
Oil & Grease as HEM	2190	mg/kg	61.2	1	4/29/04	12:21	M. Ricke	9071B	9310

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.8 gm	1.0 ml	4/29/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	74.	60. - 130.
EPH surr-o-Terphenyl	98.	49. - 145.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63766
Sample ID: CS-1
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63767
Sample ID: CS-2
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 12:38
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84.2	%		1	4/28/04	13:13	B.Plett	CLP	8809
ORGANIC PARAMETERS									
TPH (Gasoline Range)	2.41	mg/kg	0.12	1	4/29/04	20:41	D. Otero	8015B	8806
TPH (Diesel Range)	165	mg/kg	23.8	2	5/ 1/04	10:18	M.Jarrett	8015B	2231
Oil & Grease as HEM	2480	mg/kg	62	1	4/29/04	12:21	M. Ricke	9071B	9310

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.8 gm	1.0 ml	4/29/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	52. #	60. - 130.
EPH surr-o-Terphenyl	78.	49. - 145.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63767
Sample ID: CS-2
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63768
Sample ID: S-20
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 14:10
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63768
Sample ID: S-20
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63768
Sample ID: S-20
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.438	1	5/ 6/04	19:03	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0607	1	5/ 4/04	13:58	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0607	1	5/ 4/04	13:58	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Chlorobenzene	0.0028	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00607	1	5/ 4/04	13:58	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63768
Sample ID: S-20
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0121	1	5/ 4/04	13:58	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0121	1	5/ 4/04	13:58	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0061	1	5/ 4/04	13:58	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00607	1	5/ 4/04	13:58	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00243	1	5/ 4/04	13:58	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0024	1	5/ 4/04	13:58	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63768
Sample ID: S-20
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	116.	67. - 126.
BNA Surr-Nitrobenzene-d5	64.	10. - 164.
BNA Surr-2-Fluorobiphenyl	64.	51. - 96.
BNA Surr-Terphenyl-d14	76.	52. - 106.
BNA Surr-Phenol-d5	67.	47. - 98.
BNA Surr-2-Fluorophenol	62.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	62.	50. - 108.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63769
Sample ID: S-21
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 15:05
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63769
Sample ID: S-21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63769
Sample ID: S-21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	19:28	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.126	mg/kg	0.0512	1	5/ 4/04	14:29	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0512	1	5/ 4/04	14:29	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00512	1	5/ 4/04	14:29	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63769
Sample ID: S-21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0102	1	5/ 4/04	14:29	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0102	1	5/ 4/04	14:29	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0051	1	5/ 4/04	14:29	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00512	1	5/ 4/04	14:29	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00205	1	5/ 4/04	14:29	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63769
Sample ID: S-21
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0021	1	5/ 4/04	14:29	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	86.4	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.6 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	5.65 g	5.0 ml	4/26/04	15:05	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	106.	59. - 134.
VOA Surr Toluene-d8	96.	67. - 129.
VOA Surr, 4-BFB	89.	60. - 134.
VOA Surr, DBFM	114.	67. - 126.
BNA Surr-Nitrobenzene-d5	68.	10. - 164.
BNA Surr-2-Fluorobiphenyl	71.	51. - 96.
BNA Surr-Terphenyl-d14	88.	52. - 106.
BNA Surr-Phenol-d5	72.	47. - 98.
BNA Surr-2-Fluorophenol	68.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	72.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63769
Sample ID: S-21
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63770
Sample ID: S-22
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 15:22
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63770
Sample ID: S-22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63770
Sample ID: S-22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.373	1	5/ 6/04	19:53	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.0517	mg/kg	0.0497	1	5/ 4/04	15:26	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0497	1	5/ 4/04	15:26	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00497	1	5/ 4/04	15:26	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63770
Sample ID: S-22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.00992	1	5/ 4/04	15:26	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.00992	1	5/ 4/04	15:26	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0050	1	5/ 4/04	15:26	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00497	1	5/ 4/04	15:26	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00198	1	5/ 4/04	15:26	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63770
Sample ID: S-22
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0020	1	5/ 4/04	15:26	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	88.4	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.9 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	5.70 g	5.0 ml	4/26/04	15:22	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	102.	59. - 134.
VOA Surr Toluene-d8	99.	67. - 129.
VOA Surr, 4-BFB	88.	60. - 134.
VOA Surr, DBFM	115.	67. - 126.
BNA Surr-Nitrobenzene-d5	74.	10. - 164.
BNA Surr-2-Fluorobiphenyl	72.	51. - 96.
BNA Surr-Terphenyl-d14	95.	52. - 106.
BNA Surr-Phenol-d5	77.	47. - 98.
BNA Surr-2-Fluorophenol	74.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	76.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63770
Sample ID: S-22
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63771
Sample ID: S-23
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 15:31
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63771
Sample ID: S-23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63771
Sample ID: S-23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.445	1	5/ 6/04	20:19	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.256	mg/kg	0.0702	1	5/ 4/04	15:57	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0702	1	5/ 4/04	15:57	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00702	1	5/ 4/04	15:57	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63771
Sample ID: S-23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0140	1	5/ 4/04	15:57	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0140	1	5/ 4/04	15:57	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0070	1	5/ 4/04	15:57	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00702	1	5/ 4/04	15:57	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00281	1	5/ 4/04	15:57	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63771
Sample ID: S-23
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0028	1	5/ 4/04	15:57	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	74.1	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	4.81 g	5.0 ml	4/26/04	15:31	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	109.	59. - 134.
VOA Surr Toluene-d8	94.	67. - 129.
VOA Surr, 4-BFB	88.	60. - 134.
VOA Surr, DBFM	118.	67. - 126.
BNA Surr-Nitrobenzene-d5	65.	10. - 164.
BNA Surr-2-Fluorobiphenyl	64.	51. - 96.
BNA Surr-Terphenyl-d14	82.	52. - 106.
BNA Surr-Phenol-d5	65.	47. - 98.
BNA Surr-2-Fluorophenol	64.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	67.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63771
Sample ID: S-23
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63772
Sample ID: S-24
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:06
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63772
Sample ID: S-24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63772
Sample ID: S-24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.383	1	5/ 6/04	20:44	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.0950	mg/kg	0.0475	1	5/ 4/04	16:26	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0475	1	5/ 4/04	16:26	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00475	1	5/ 4/04	16:26	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63772
Sample ID: S-24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.00950	1	5/ 4/04	16:26	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.00950	1	5/ 4/04	16:26	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0048	1	5/ 4/04	16:26	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00475	1	5/ 4/04	16:26	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00190	1	5/ 4/04	16:26	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63772
Sample ID: S-24
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0019	1	5/ 4/04	16:26	J. Yun	8260B	5275
METALS									
Arsenic	ND	mg/kg	1.15	1	5/ 1/04	12:48	G.McCord	6010B	883
Barium	33.6	mg/kg	2.30	1	5/ 1/04	12:48	G.McCord	6010B	883
Cadmium	ND	mg/kg	1.15	1	5/ 1/04	12:48	G.McCord	6010B	883
Chromium	18.8	mg/kg	1.15	1	5/ 1/04	12:48	G.McCord	6010B	883
Lead	6.89	mg/kg	1.15	1	5/ 1/04	12:48	G.McCord	6010B	883
Mercury	ND	mg/kg	0.117	1	5/ 1/04	12:12	K. Keller	7471A	821
Selenium	ND	mg/kg	2.30	1	5/ 1/04	12:48	G.McCord	6010B	883
Silver	ND	mg/kg	1.15	1	5/ 1/04	12:48	G.McCord	6010B	883
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	86.1	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.3 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	6.11 g	5.0 ml	4/26/04	16:06	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	104.	59. - 134.
VOA Surr Toluene-d8	97.	67. - 129.
VOA Surr, 4-BFB	88.	60. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63772
Sample ID: S-24
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	116.	67. - 126.
BNA Surr-Nitrobenzene-d5	123.	10. - 164.
BNA Surr-2-Fluorobiphenyl	129. #	51. - 96.
BNA Surr-Terphenyl-d14	158. #	52. - 106.
BNA Surr-Phenol-d5	127. #	47. - 98.
BNA Surr-2-Fluorophenol	116. #	42. - 95.
BNA Surr-2,4,6-Tribromophenol	132. #	50. - 108.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.
BNA surrogates were added 2x during prep procedure. Surrogates outside QC limits for this reason.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63773
Sample ID: S-25
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:16
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63773
Sample ID: S-25
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63773
Sample ID: S-25
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.393	1	5/ 6/04	21:09	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.0979	mg/kg	0.0581	1	5/ 4/04	16:57	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0581	1	5/ 4/04	16:57	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00581	1	5/ 4/04	16:57	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL TESTING CORPORATION

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800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A63773
Sample ID: S-25
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0116	1	5/ 4/04	16:57	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0116	1	5/ 4/04	16:57	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0058	1	5/ 4/04	16:57	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00581	1	5/ 4/04	16:57	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	16:57	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 04-A63773
Sample ID: S-25
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0024	1	5/ 4/04	16:57	J. Yun	8260B	5275
METALS									
Arsenic	ND	mg/kg	1.18	1	5/ 1/04	12:48	G.McCord	6010B	883
Barium	41.9	mg/kg	2.36	1	5/ 1/04	12:48	G.McCord	6010B	883
Cadmium	ND	mg/kg	1.18	1	5/ 1/04	12:48	G.McCord	6010B	883
Chromium	4.79	mg/kg	1.18	1	5/ 1/04	12:48	G.McCord	6010B	883
Lead	9.42	mg/kg	1.18	1	5/ 1/04	12:48	G.McCord	6010B	883
Mercury	ND	mg/kg	0.118	1	5/ 1/04	12:12	K. Keller	7471A	821
Selenium	ND	mg/kg	2.36	1	5/ 1/04	12:48	G.McCord	6010B	883
Silver	ND	mg/kg	1.18	1	5/ 1/04	12:48	G.McCord	6010B	883
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84.0	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.6 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	5.12 g	5.0 ml	4/26/04	16:16	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	106.	59. - 134.
VOA Surr Toluene-d8	97.	67. - 129.
VOA Surr, 4-BFB	89.	60. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63773
Sample ID: S-25
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	118.	67. - 126.
BNA Surr-Nitrobenzene-d5	71.	10. - 164.
BNA Surr-2-Fluorobiphenyl	72.	51. - 96.
BNA Surr-Terphenyl-d14	84.	52. - 106.
BNA Surr-Phenol-d5	72.	47. - 98.
BNA Surr-2-Fluorophenol	71.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	69.	50. - 108.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63774
Sample ID: S-26
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:23
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63774
Sample ID: S-26
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63774
Sample ID: S-26
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.467	1	5/ 6/04	21:34	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.215	mg/kg	0.0580	1	5/ 4/04	17:28	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0580	1	5/ 4/04	17:28	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Carbon disulfide	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00580	1	5/ 4/04	17:28	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63774
Sample ID: S-26
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0116	1	5/ 4/04	17:28	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0116	1	5/ 4/04	17:28	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0058	1	5/ 4/04	17:28	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00580	1	5/ 4/04	17:28	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00232	1	5/ 4/04	17:28	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63774
Sample ID: S-26
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0023	1	5/ 4/04	17:28	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	70.7	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	6.10 g	5.0 ml	4/26/04	16:23	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	113.	59. - 134.
VOA Surr Toluene-d8	97.	67. - 129.
VOA Surr, 4-BFB	84.	60. - 134.
VOA Surr, DBFM	120.	67. - 126.
BNA Surr-Nitrobenzene-d5	73.	10. - 164.
BNA Surr-2-Fluorobiphenyl	72.	51. - 96.
BNA Surr-Terphenyl-d14	87.	52. - 106.
BNA Surr-Phenol-d5	75.	47. - 98.
BNA Surr-2-Fluorophenol	72.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	71.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63774
Sample ID: S-26
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63775
Sample ID: S-27
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:31
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63775
Sample ID: S-27
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63775
Sample ID: S-27
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.382	1	5/ 6/04	21:59	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.107	mg/kg	0.0324	1	5/ 4/04	19:15	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0324	1	5/ 4/04	19:15	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Carbon disulfide	0.00135	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00324	1	5/ 4/04	19:15	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63775
Sample ID: S-27
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.00646	1	5/ 4/04	19:15	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.00646	1	5/ 4/04	19:15	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0032	1	5/ 4/04	19:15	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00324	1	5/ 4/04	19:15	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00129	1	5/ 4/04	19:15	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63775
Sample ID: S-27
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0013	1	5/ 4/04	19:15	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	86.5	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	8.94 g	5.0 ml	4/26/04	16:31	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	112.	59. - 134.
VOA Surr Toluene-d8	97.	67. - 129.
VOA Surr, 4-BFB	88.	60. - 134.
VOA Surr, DBFM	120.	67. - 126.
BNA Surr-Nitrobenzene-d5	48.	10. - 164.
BNA Surr-2-Fluorobiphenyl	49. #	51. - 96.
BNA Surr-Terphenyl-d14	59.	52. - 106.
BNA Surr-Phenol-d5	48.	47. - 98.
BNA Surr-2-Fluorophenol	45.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	50.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63775
Sample ID: S-27
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63776
Sample ID: S-28
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:42
Date Received: 4/28/04
Time Received: 9:30

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63776
Sample ID: S-28
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63776
Sample ID: S-28
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.419	1	5/ 6/04	22:24	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	0.122	mg/kg	0.0506	1	5/ 4/04	18:22	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0506	1	5/ 4/04	18:22	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Carbon disulfide	0.00577	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00506	1	5/ 4/04	18:22	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63776
Sample ID: S-28
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.0101	1	5/ 4/04	18:22	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.0101	1	5/ 4/04	18:22	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0051	1	5/ 4/04	18:22	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00506	1	5/ 4/04	18:22	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00202	1	5/ 4/04	18:22	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63776
Sample ID: S-28
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0020	1	5/ 4/04	18:22	J. Yun	8260B	5275
METALS									
Arsenic	ND	mg/kg	1.23	1	5/ 1/04	12:48	G.McCord	6010B	883
Barium	46.9	mg/kg	2.45	1	5/ 1/04	12:48	G.McCord	6010B	883
Cadmium	ND	mg/kg	1.23	1	5/ 1/04	12:48	G.McCord	6010B	883
Chromium	12.9	mg/kg	1.23	1	5/ 1/04	12:48	G.McCord	6010B	883
Lead	14.0	mg/kg	1.23	1	5/ 1/04	12:48	G.McCord	6010B	883
Mercury	ND	mg/kg	0.122	1	5/ 1/04	12:12	K. Keller	7471A	821
Selenium	ND	mg/kg	2.45	1	5/ 1/04	12:48	G.McCord	6010B	883
Silver	ND	mg/kg	1.23	1	5/ 1/04	12:48	G.McCord	6010B	883
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.7	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.7 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	6.28 g	5.0 ml	4/26/04	16:42	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	106.	59. - 134.
VOA Surr Toluene-d8	95.	67. - 129.
VOA Surr, 4-BFB	94.	60. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63776
Sample ID: S-28
Project:

Surrogate	% Recovery	Target Range
VOA Surr, DBFM	118.	67. - 126.
BNA Surr-Nitrobenzene-d5	77.	10. - 164.
BNA Surr-2-Fluorobiphenyl	76.	51. - 96.
BNA Surr-Terphenyl-d14	90.	52. - 106.
BNA Surr-Phenol-d5	77.	47. - 98.
BNA Surr-2-Fluorophenol	74.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	75.	50. - 108.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

E2S: ENGINEERING 2306
PAT SHILLINGTON
3008 ANDERSON DRIVE SUITE 102
RALEIGH, NC 27609

Project:
Project Name: WILLIAMS
Sampler: T.PATRICK SHILLINGTON

Lab Number: 04-A63777
Sample ID: S-29
Sample Type: Soil
Site ID:

Date Collected: 4/26/04
Time Collected: 16:56
Date Received: 4/28/04
Time Received: 9:30
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Acenaphthylene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Anthracene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Benzo(a)anthracene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Benzo(a)pyrene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Benzo(b)fluoranthene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Benzo(g,h,i)perylene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Benzo(k)fluoranthene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Bromophenylphenylether	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Butylbenzylphthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Carbazole	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Chloro-3-methylphenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Chloroaniline	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
bis(2-Chloroethoxy)methane	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
bis(2-Chloroethyl)ether	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Chloronaphthalene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Chlorophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Chlorophenylphenylether	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Chrysene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Dibenzofuran	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Dibenz(a,h)anthracene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
1,2-Dichlorobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
1,3-Dichlorobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63777
Sample ID: S-29
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
3,3'-Dichlorobenzidine	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4-Dichlorophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Diethylphthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4-Dimethylphenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Dimethylphthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Di-n-butylphthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4-Dinitrophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4-dinitrotoluene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,6-Dinitrotoluene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Di-n-octylphthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Fluoranthene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Fluorene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Hexachlorobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Hexachlorobutadiene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Hexachlorocyclopentadiene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Hexachloroethane	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Isophorone	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Methylnaphthalene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Methylphenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
m,p-Methylphenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Naphthalene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Nitroaniline	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
3-Nitroaniline	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Nitroaniline	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Nitrobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2-Nitrophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
4-Nitrophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
N-nitrosodi-n-propylamine	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
N-nitrosodiphenylamine	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Pentachlorophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Phenanthrene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63777
Sample ID: S-29
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Pyrene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
1,2,4-Trichlorobenzene	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4,5-Trichlorophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
2,4,6-Trichlorophenol	ND	mg/kg	0.442	1	5/ 6/04	22:49	M.Schott	8270C	2380
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0426	1	5/ 4/04	18:49	J. Yun	8260B	5275
Benzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Bromobenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Bromochloromethane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Bromoform	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Bromomethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
2-Butanone	ND	mg/kg	0.0426	1	5/ 4/04	18:49	J. Yun	8260B	5275
n-Butylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
sec-Butylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
tert-Butylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Carbon disulfide	0.00282	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Carbon tetrachloride	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Chlorobenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Chloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Chloroform	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Chloromethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
2-Chlorotoluene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
4-Chlorotoluene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00426	1	5/ 4/04	18:49	J. Yun	8260B	5275
Dibromochloromethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2-Dibromoethane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Dibromomethane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2-Dichlorobenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,3-Dichlorobenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,4-Dichlorobenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Dichlorodifluoromethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63777
Sample ID: S-29
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2-Dichloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1-Dichloroethene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
cis-1,2-Dichloroethene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
trans-1,2-Dichloroethene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2-Dichloropropane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,3-Dichloropropane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
2,2-Dichloropropane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1-Dichloropropene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
cis-1,3-Dichloropropene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
trans-1,3-Dichloropropene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Ethylbenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Hexachlorobutadiene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
2-Hexanone	ND	mg/kg	0.00853	1	5/ 4/04	18:49	J. Yun	8260B	5275
Isopropylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
p-Isopropyltoluene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
4-Methyl-2-pentanone	ND	mg/kg	0.00853	1	5/ 4/04	18:49	J. Yun	8260B	5275
Methylene chloride	ND	mg/kg	0.0043	1	5/ 4/04	18:49	J. Yun	8260B	5275
Naphthalene	ND	mg/kg	0.00426	1	5/ 4/04	18:49	J. Yun	8260B	5275
n-Propylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Styrene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Tetrachloroethene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Toluene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2,3-Trichlorobenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2,4-Trichlorobenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1,1-Trichloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,1,2-Trichloroethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Trichloroethene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2,3-Trichloropropane	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,2,4-Trimethylbenzene	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
1,3,5-Trimethylbenzene	ND	mg/kg	0.00170	1	5/ 4/04	18:49	J. Yun	8260B	5275
Vinyl chloride	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63777
Sample ID: S-29
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Bromodichloromethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
Trichlorofluoromethane	ND	mg/kg	0.0017	1	5/ 4/04	18:49	J. Yun	8260B	5275
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	74.6	%			4/28/04	13:10	B.Plett	CLP	8810

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	5/ 6/04		M. Ricke	3550
Volatile Organics	7.86 g	5.0 ml	4/26/04	16:56	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	112.	59. - 134.
VOA Surr Toluene-d8	96.	67. - 129.
VOA Surr, 4-BFB	84.	60. - 134.
VOA Surr, DBFM	118.	67. - 126.
BNA Surr-Nitrobenzene-d5	73.	10. - 164.
BNA Surr-2-Fluorobiphenyl	72.	51. - 96.
BNA Surr-Terphenyl-d14	87.	52. - 106.
BNA Surr-Phenol-d5	74.	47. - 98.
BNA Surr-2-Fluorophenol	72.	42. - 95.
BNA Surr-2,4,6-Tribromophenol	74.	50. - 108.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A63777
Sample ID: S-29
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 1
Laboratory Receipt Date: 4/28/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TPH (Gasoline Range)	mg/kg	< 5.00	10.4	10.0	104	25. - 152.	8806	'64047
TPH (Diesel Range)	mg/kg	< 10.0	40.4	40.0	101	33. - 146.	2231	04-A64054
VOA PARAMETERS								
Benzene	mg/kg	< 0.0003	0.0411	0.0500	82	33 - 139	5275	blank
Chlorobenzene	mg/kg	< 0.0006	0.0403	0.0500	81	22 - 144	5275	blank
1,1-Dichloroethene	mg/kg	< 0.0007	0.0445	0.0500	89	42 - 142	5275	blank
Toluene	mg/kg	< 0.0008	0.0386	0.0500	77	18 - 150	5275	blank
Trichloroethene	mg/kg	< 0.0006	0.0429	0.0500	86	32 - 142	5275	blank
Tetrachloroethene	mg/kg	< 0.0005	0.0379	0.0500	76	19 - 145	5275	blank
VOA Surr 1,2-DCA-d4	% Rec				94	59 - 134	5275	
VOA Surr Toluene-d8	% Rec				98	67 - 129	5275	
VOA Surr, 4-BFB	% Rec				87	60 - 134	5275	
VOA Surr, DBFM	% Rec				112	67 - 126	5275	
EXTRACTABLE PARAMETERS								
1,4-Dichlorobenzene	mg/kg	< 0.330	1.12	1.67	67	45 - 102	2380	BLANK
N-nitrosodi-n-propylamine	mg/kg	< 0.330	1.29	1.67	77	37 - 120	2380	BLANK
1,2,4-Trichlorobenzene	mg/kg	< 0.330	1.12	1.67	67	31 - 127	2380	BLANK
4-Chloro-3-methylphenol	mg/kg	< 0.330	1.22	1.67	73	44 - 120	2380	BLANK
Acenaphthene	mg/kg	< 0.330	1.16	1.67	69	35 - 123	2380	BLANK
2,4-dinitrotoluene	mg/kg	< 0.330	1.29	1.67	77	45 - 124	2380	BLANK
Pyrene	mg/kg	< 0.330	1.35	1.67	81	35 - 126	2380	BLANK
2-Chlorophenol	mg/kg	< 0.330	1.16	1.67	69	34 - 116	2380	BLANK
4-Nitrophenol	mg/kg	< 0.330	1.25	1.67	75	20 - 139	2380	BLANK
Pentachlorophenol	mg/kg	< 0.330	1.25	1.67	75	36 - 118	2380	BLANK

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 2
Laboratory Receipt Date: 4/28/04

METALS								
Arsenic	mg/kg	3.95	21.7	20.0	89	80 - 120	883	'63773
Barium	mg/kg	35.2	401.	400.	91	80 - 120	883	'63773
Cadmium	mg/kg	< 0.99	17.3	20.0	86	80 - 120	883	'63773
Chromium	mg/kg	28.5	69.1	40.0	102	80 - 120	883	'63773
Lead	mg/kg	7.91	98.5	100.	91	80 - 120	883	'63773
Mercury	mg/kg	< 0.0980	0.194	0.170	114	80 - 120	821	04-A63635
Selenium	mg/kg	< 1.98	15.7	20.0	78#	80 - 120	883	'63773
Silver	mg/kg	< 0.99	9.21	10.0	92	80 - 120	883	'63773
Arsenic, TCLP	mg/l	< 0.100	10.5	10.0	105	80 - 120	2361	04-A63765
Barium, TCLP	mg/l	< 1.00	95.4	100.	95	80 - 120	2361	04-A63765
Cadmium, TCLP	mg/l	< 0.100	9.80	10.0	98	80 - 120	2361	04-A63765
Chromium, TCLP	mg/l	< 0.500	46.8	50.0	94	80 - 120	2361	04-A63765
Lead, TCLP	mg/l	< 0.500	50.0	50.0	100	80 - 120	2361	04-A63765
Mercury, TCLP	mg/l	< 0.0100	1.10	1.00	110	80 - 120	1222	04-A64421
Selenium, TCLP	mg/l	< 0.100	11.8	10.0	118	80 - 120	2361	04-A63765
Silver, TCLP	mg/l	< 0.100	10.3	10.0	103	80 - 120	2361	04-A63765
MISC PARAMETERS								
Oil & Grease as HEM	mg/kg	1770	5610	4000	96	80 - 120	9310	04-A63766

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	10.4	10.8	3.77	32.	8806
TPH (Diesel Range)	mg/kg	40.4	39.6	2.00	50.	2231
VOA PARAMETERS						
Benzene	mg/kg	0.0411	0.0472	13.82	43.	5275
Chlorobenzene	mg/kg	0.0403	0.0462	13.64	46.	5275
1,1-Dichloroethene	mg/kg	0.0445	0.0526	16.68	42.	5275
Toluene	mg/kg	0.0386	0.0445	14.20	48.	5275
Trichloroethene	mg/kg	0.0429	0.0517	18.60	43.	5275

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 3
Laboratory Receipt Date: 4/28/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Tetrachloroethene	mg/kg	0.0379	0.0438	14.44	45.	5275
VOA Surr 1,2-DCA-d4	% Rec		99.			5275
VOA Surr Toluene-d8	% Rec		97.			5275
VOA Surr, 4-BFB	% Rec		84.			5275
VOA Surr, DBFM	% Rec		116.			5275
EXTRACTABLE PARAMETERS						
1,4-Dichlorobenzene	mg/kg	1.12	1.22	8.55	38.	2380
N-nitrosodi-n-propylamine	mg/kg	1.29	1.32	2.30	39.	2380
1,2,4-Trichlorobenzene	mg/kg	1.12	1.22	8.55	43.	2380
4-Chloro-3-methylphenol	mg/kg	1.22	1.29	5.58	35.	2380
Acenaphthene	mg/kg	1.16	1.22	5.04	35.	2380
2,4-dinitrotoluene	mg/kg	1.29	1.32	2.30	35.	2380
Pyrene	mg/kg	1.35	1.42	5.05	38.	2380
2-Chlorophenol	mg/kg	1.16	1.22	5.04	37.	2380
4-Nitrophenol	mg/kg	1.25	1.29	3.15	38.	2380
Pentachlorophenol	mg/kg	1.25	1.32	5.45	39.	2380
METALS						
Arsenic	mg/kg	21.7	22.5	3.62	20	883
Barium	mg/kg	401.	409.	1.98	20	883
Cadmium	mg/kg	17.3	17.6	1.72	20	883
Chromium	mg/kg	69.1	70.5	2.01	20	883
Lead	mg/kg	98.5	100.	1.51	20	883
Mercury	mg/kg	0.194	0.185	4.75	20	821
Selenium	mg/kg	15.7	15.9	1.27	20	883
Silver	mg/kg	9.21	9.50	3.10	20	883
Arsenic, TCLP	mg/l	10.5	10.4	0.96	20	2361
Barium, TCLP	mg/l	95.4	95.5	0.10	20	2361
Cadmium, TCLP	mg/l	9.80	9.68	1.23	20	2361
Chromium, TCLP	mg/l	46.8	46.4	0.86	20	2361
Lead, TCLP	mg/l	50.0	49.6	0.80	20	2361
Mercury, TCLP	mg/l	1.10	1.07	2.76	20	1222

Project QC continued . . .

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Selenium, TCLP	mg/l	11.8	11.7	0.85	20	2361
Silver, TCLP	mg/l	10.3	10.2	0.98	20	2361
Oil & Grease as HEM	mg/kg	5610	5440	3.08	20	9310

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	10.0	10.8	108	76 - 122	8806
TPH (Diesel Range)	mg/kg	40.0	39.2	98	48 - 135	2231
VOA PARAMETERS						
Acetone	mg/kg	0.250	0.207	83	42 - 149	5275
Benzene	mg/kg	0.0500	0.0503	101	69 - 128	5275
Bromobenzene	mg/kg	0.0500	0.0427	85	70 - 123	5275
Bromochloromethane	mg/kg	0.0500	0.0592	118	72 - 139	5275
Bromoform	mg/kg	0.0500	0.0549	110	57 - 127	5275
Bromomethane	mg/kg	0.0500	0.0350	70	44 - 145	5275
2-Butanone	mg/kg	0.250	0.243	97	46 - 152	5275
n-Butylbenzene	mg/kg	0.0500	0.0396	79	42 - 144	5275
sec-Butylbenzene	mg/kg	0.0500	0.0431	86	64 - 133	5275
tert-Butylbenzene	mg/kg	0.0500	0.0462	92	71 - 130	5275
Carbon disulfide	mg/kg	0.0500	0.0485	97	63 - 139	5275
Carbon tetrachloride	mg/kg	0.0500	0.0510	102	64 - 139	5275
Chlorobenzene	mg/kg	0.0500	0.0498	100	75 - 123	5275
Chloroethane	mg/kg	0.0500	0.0520	104	53 - 158	5275
Chloroform	mg/kg	0.0500	0.0520	104	68 - 133	5275
Chloromethane	mg/kg	0.0500	0.0386	77	46 - 153	5275

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Chlorotoluene	mg/kg	0.0500	0.0423	85	65 - 128	5275
4-Chlorotoluene	mg/kg	0.0500	0.0393	79	59 - 132	5275
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0426	85	54 - 134	5275
Dibromochloromethane	mg/kg	0.0500	0.0533	107	65 - 128	5275
1,2-Dibromoethane	mg/kg	0.0500	0.0506	101	46 - 152	5275
Dibromomethane	mg/kg	0.0500	0.0523	105	70 - 135	5275
1,2-Dichlorobenzene	mg/kg	0.0500	0.0518	104	69 - 127	5275
1,3-Dichlorobenzene	mg/kg	0.0500	0.0482	96	58 - 134	5275
1,4-Dichlorobenzene	mg/kg	0.0500	0.0466	93	56 - 131	5275
Dichlorodifluoromethane	mg/kg	0.0500	0.0384	77	45 - 166	5275
1,1-Dichloroethane	mg/kg	0.0500	0.0521	104	66 - 138	5275
1,2-Dichloroethane	mg/kg	0.0500	0.0519	104	60 - 137	5275
1,1-Dichloroethene	mg/kg	0.0500	0.0549	110	68 - 138	5275
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0521	104	67 - 136	5275
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0482	96	64 - 137	5275
1,2-Dichloropropane	mg/kg	0.0500	0.0514	103	75 - 128	5275
1,3-Dichloropropane	mg/kg	0.0500	0.0504	101	75 - 126	5275
2,2-Dichloropropane	mg/kg	0.0500	0.0485	97	57 - 139	5275
1,1-Dichloropropene	mg/kg	0.0500	0.0498	100	68 - 137	5275
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0508	102	75 - 128	5275
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0474	95	64 - 130	5275
Ethylbenzene	mg/kg	0.0500	0.0476	95	72 - 125	5275
Hexachlorobutadiene	mg/kg	0.0500	0.0524	105	45 - 142	5275
2-Hexanone	mg/kg	0.250	0.200	80	52 - 147	5275
Isopropylbenzene	mg/kg	0.0500	0.0493	99	70 - 129	5275
p-Isopropyltoluene	mg/kg	0.0500	0.0441	88	57 - 135	5275
4-Methyl-2-pentanone	mg/kg	0.250	0.217	87	54 - 142	5275
Methylene chloride	mg/kg	0.0500	0.0530	106	57 - 137	5275
Naphthalene	mg/kg	0.0500	0.0458	92	58 - 143	5275
n-Propylbenzene	mg/kg	0.0500	0.0404	81	61 - 134	5275
Styrene	mg/kg	0.0500	0.0494	99	73 - 132	5275

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0550	110	75 - 126	5275
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0429	86	67 - 132	5275
Tetrachloroethene	mg/kg	0.0500	0.0543	109	64 - 132	5275
Toluene	mg/kg	0.0500	0.0476	95	74 - 123	5275
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0525	105	44 - 145	5275
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0455	91	41 - 146	5275
1,1,1-Trichloroethane	mg/kg	0.0500	0.0521	104	65 - 138	5275
1,1,2-Trichloroethane	mg/kg	0.0500	0.0497	99	75 - 128	5275
Trichloroethene	mg/kg	0.0500	0.0556	111	72 - 131	5275
1,2,3-Trichloropropane	mg/kg	0.0500	0.0390	78	62 - 133	5275
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0434	87	60 - 132	5275
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0426	85	65 - 131	5275
Vinyl chloride	mg/kg	0.0500	0.0447	89	61 - 147	5275
Xylenes (Total)	mg/kg	0.150	0.140	93	70 - 128	5275
Bromodichloromethane	mg/kg	0.0500	0.0548	110	66 - 134	5275
Trichlorofluoromethane	mg/kg	0.0500	0.0484	97	57 - 148	5275
VOA Surr 1,2-DCA-d4	% Rec			92	59 - 134	5275
VOA Surr Toluene-d8	% Rec			95	67 - 129	5275
VOA Surr, 4-BFB	% Rec			84	60 - 134	5275
VOA Surr, DBFM	% Rec			111	67 - 126	5275
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/kg	1.67	1.19	71	51 - 107	2380
Acenaphthylene	mg/kg	1.67	1.25	75	50 - 109	2380
Anthracene	mg/kg	1.67	1.32	79	52 - 112	2380
Benzo(a)anthracene	mg/kg	1.67	1.52	91	49 - 112	2380
Benzo(a)pyrene	mg/kg	1.67	1.25	75	49 - 108	2380
Benzo(b)fluoranthene	mg/kg	1.67	1.22	73	45 - 110	2380
Benzo(g,h,i)perylene	mg/kg	1.67	1.19	71	40 - 127	2380
Benzo(k)fluoranthene	mg/kg	1.67	1.19	71	50 - 117	2380
4-Bromophenylphenylether	mg/kg	1.67	1.06	63	52 - 120	2380
Butylbenzylphthalate	mg/kg	1.67	1.55	93	49 - 123	2380

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Carbazole	mg/kg	1.67	1.32	79	47 - 103	2380
4-Chloro-3-methylphenol	mg/kg	1.67	1.25	75	53 - 112	2380
4-Chloroaniline	mg/kg	1.67	1.29	77	39 - 100	2380
bis(2-Chloroethoxy)methane	mg/kg	1.67	1.32	79	49 - 105	2380
bis(2-Chloroethyl)ether	mg/kg	1.67	1.12	67	43 - 110	2380
bis(2-Chloroisopropyl)ether	mg/kg	1.67	1.19	71	45 - 108	2380
2-Chloronaphthalene	mg/kg	1.67	1.19	71	49 - 114	2380
4-Chlorophenylphenylether	mg/kg	1.67	1.19	71	53 - 116	2380
Chrysene	mg/kg	1.67	1.42	85	49 - 113	2380
Dibenzofuran	mg/kg	1.67	1.22	73	52 - 112	2380
Dibenz(a,h)anthracene	mg/kg	1.67	1.25	75	30 - 125	2380
1,2-Dichlorobenzene	mg/kg	1.67	1.16	69	48 - 106	2380
1,3-Dichlorobenzene	mg/kg	1.67	1.12	67	47 - 103	2380
1,4-Dichlorobenzene	mg/kg	1.67	1.12	67	48 - 102	2380
3,3'-Dichlorobenzidine	mg/kg	1.67	1.55	93	31 - 141	2380
Diethylphthalate	mg/kg	1.67	1.25	75	51 - 119	2380
Dimethylphthalate	mg/kg	1.67	1.22	73	55 - 113	2380
2,4-dinitrotoluene	mg/kg	1.67	1.35	81	54 - 120	2380
2,6-Dinitrotoluene	mg/kg	1.67	1.39	83	52 - 122	2380
Di-n-octylphthalate	mg/kg	1.67	1.16	69	43 - 137	2380
Fluoranthene	mg/kg	1.67	1.32	79	54 - 114	2380
Fluorene	mg/kg	1.67	1.25	75	48 - 114	2380
Hexachlorobenzene	mg/kg	1.67	1.19	71	52 - 119	2380
Hexachlorobutadiene	mg/kg	1.67	1.25	75	45 - 113	2380
Hexachlorocyclopentadiene	mg/kg	1.67	1.12	67	38 - 115	2380
Hexachloroethane	mg/kg	1.67	1.16	69	43 - 112	2380
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.25	75	43 - 127	2380
Isophorone	mg/kg	1.67	1.22	73	48 - 106	2380
2-Methylnaphthalene	mg/kg	1.67	1.22	73	45 - 116	2380
Naphthalene	mg/kg	1.67	1.12	67	47 - 105	2380
2-Nitroaniline	mg/kg	1.67	1.39	83	41 - 106	2380

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
3-Nitroaniline	mg/kg	1.67	1.39	83	39 - 108	2380
4-Nitroaniline	mg/kg	1.67	1.42	85	41 - 111	2380
Nitrobenzene	mg/kg	1.67	1.16	69	36 - 115	2380
N-nitrosodi-n-propylamine	mg/kg	1.67	1.29	77	45 - 113	2380
N-nitrosodiphenylamine	mg/kg	1.67	1.19	71	57 - 116	2380
Phenanthrene	mg/kg	1.67	1.22	73	55 - 109	2380
Pyrene	mg/kg	1.67	1.39	83	48 - 113	2380
Bis(2-ethylhexyl)phthalate	mg/kg	1.67	1.48	89	50 - 125	2380
1,2,4-Trichlorobenzene	mg/kg	1.67	1.09	65	48 - 109	2380
2,4,6-Trichlorophenol	mg/kg	1.67	1.16	69	50 - 112	2380
2-Chlorophenol	mg/kg	1.67	1.16	69	49 - 103	2380
2,4-Dichlorophenol	mg/kg	1.67	1.12	67	50 - 111	2380
2,4-Dimethylphenol	mg/kg	1.67	1.39	83	46 - 104	2380
4,6-Dinitro-2-methylphenol	mg/kg	1.67	1.32	79	38 - 127	2380
2,4-Dinitrophenol	mg/kg	1.67	1.42	85	30 - 125	2380
2-Methylphenol	mg/kg	1.67	1.32	79	48 - 105	2380
m,p-Methylphenol	mg/kg	1.67	1.48	89	49 - 107	2380
2-Nitrophenol	mg/kg	1.67	1.19	71	49 - 111	2380
4-Nitrophenol	mg/kg	1.67	1.35	81	39 - 122	2380
Pentachlorophenol	mg/kg	1.67	1.32	79	42 - 117	2380
Phenol	mg/kg	1.67	1.22	73	47 - 104	2380
2,4,5-Trichlorophenol	mg/kg	1.67	1.25	75	51 - 114	2380
METALS						
Arsenic	mg/kg	20.0	19.4	97	80 - 120	883
Barium	mg/kg	400.	392.	98	80 - 120	883
Cadmium	mg/kg	20.0	19.4	97	80 - 120	883
Chromium	mg/kg	40.0	41.4	104	80 - 120	883
Lead	mg/kg	100.	95.6	96	80 - 120	883
Mercury	mg/kg	0.170	0.163	96	85 - 115	821
Selenium	mg/kg	20.0	16.8	84	80 - 120	883
Silver	mg/kg	10.0	10.2	102	75 - 125	883

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Arsenic, TCLP	mg/l	1.00	1.03	103	80 - 120	2361
Barium, TCLP	mg/l	10.0	9.92	99	80 - 120	2361
Cadmium, TCLP	mg/l	1.00	0.991	99	80 - 120	2361
Chromium, TCLP	mg/l	5.00	4.83	97	80 - 120	2361
Lead, TCLP	mg/l	5.00	5.01	100	80 - 120	2361
Mercury, TCLP	mg/l	0.100	0.108	108	76 - 123	1222
Selenium, TCLP	mg/l	1.00	1.12	112	80 - 120	2361
Silver, TCLP	mg/l	1.00	1.05	105	80 - 120	2361
MISC PARAMETERS						
Oil & Grease as HEM	mg/kg	4000	3850	96	70 - 117	9310

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TPH (Gasoline Range)	< 5.00	mg/kg	8806	4/29/04	14:29
TPH (Diesel Range)	< 10.0	mg/kg	2231	4/30/04	14:22

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UST surr-Trifluorotoluene	74.	% Recovery	8806	4/29/04	14:29
EPH surr-o-Terphenyl	103.	% Recovery	2231	4/30/04	14:22
VOA PARAMETERS					
Acetone	< 0.0103	mg/kg	5275	5/ 4/04	11:24
Benzene	< 0.0003	mg/kg	5275	5/ 4/04	11:24
Bromobenzene	< 0.00050	mg/kg	5275	5/ 4/04	11:24
Bromochloromethane	< 0.00050	mg/kg	5275	5/ 4/04	11:24
Bromoform	< 0.0008	mg/kg	5275	5/ 4/04	11:24
Bromomethane	< 0.0009	mg/kg	5275	5/ 4/04	11:24
2-Butanone	< 0.0210	mg/kg	5275	5/ 4/04	11:24
n-Butylbenzene	< 0.00070	mg/kg	5275	5/ 4/04	11:24
sec-Butylbenzene	< 0.00070	mg/kg	5275	5/ 4/04	11:24
tert-Butylbenzene	< 0.00060	mg/kg	5275	5/ 4/04	11:24
Carbon disulfide	< 0.00040	mg/kg	5275	5/ 4/04	11:24
Carbon tetrachloride	< 0.0006	mg/kg	5275	5/ 4/04	11:24
Chlorobenzene	< 0.0006	mg/kg	5275	5/ 4/04	11:24
Chloroethane	< 0.0010	mg/kg	5275	5/ 4/04	11:24
Chloroform	< 0.0007	mg/kg	5275	5/ 4/04	11:24
Chloromethane	< 0.0005	mg/kg	5275	5/ 4/04	11:24
2-Chlorotoluene	< 0.00060	mg/kg	5275	5/ 4/04	11:24
4-Chlorotoluene	< 0.00040	mg/kg	5275	5/ 4/04	11:24
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	5275	5/ 4/04	11:24
Dibromochloromethane	< 0.0006	mg/kg	5275	5/ 4/04	11:24
1,2-Dibromoethane	< 0.00060	mg/kg	5275	5/ 4/04	11:24
Dibromomethane	< 0.00090	mg/kg	5275	5/ 4/04	11:24
1,2-Dichlorobenzene	< 0.0004	mg/kg	5275	5/ 4/04	11:24
1,3-Dichlorobenzene	< 0.0006	mg/kg	5275	5/ 4/04	11:24
1,4-Dichlorobenzene	< 0.0005	mg/kg	5275	5/ 4/04	11:24
Dichlorodifluoromethane	< 0.0006	mg/kg	5275	5/ 4/04	11:24
1,1-Dichloroethane	< 0.0008	mg/kg	5275	5/ 4/04	11:24
1,2-Dichloroethane	< 0.0004	mg/kg	5275	5/ 4/04	11:24
1,1-Dichloroethene	< 0.0007	mg/kg	5275	5/ 4/04	11:24
cis-1,2-Dichloroethene	< 0.0004	mg/kg	5275	5/ 4/04	11:24
trans-1,2-Dichloroethene	< 0.0007	mg/kg	5275	5/ 4/04	11:24
1,2-Dichloropropane	< 0.0008	mg/kg	5275	5/ 4/04	11:24
1,3-Dichloropropane	< 0.00040	mg/kg	5275	5/ 4/04	11:24

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
2,2-Dichloropropane	< 0.00070	mg/kg	5275	5/ 4/04	11:24
1,1-Dichloropropene	< 0.00080	mg/kg	5275	5/ 4/04	11:24
cis-1,3-Dichloropropene	< 0.0006	mg/kg	5275	5/ 4/04	11:24
trans-1,3-Dichloropropene	< 0.0005	mg/kg	5275	5/ 4/04	11:24
Ethylbenzene	< 0.0005	mg/kg	5275	5/ 4/04	11:24
Hexachlorobutadiene	< 0.00050	mg/kg	5275	5/ 4/04	11:24
2-Hexanone	< 0.00650	mg/kg	5275	5/ 4/04	11:24
Isopropylbenzene	< 0.00060	mg/kg	5275	5/ 4/04	11:24
p-Isopropyltoluene	< 0.00070	mg/kg	5275	5/ 4/04	11:24
4-Methyl-2-pentanone	< 0.00360	mg/kg	5275	5/ 4/04	11:24
Methylene chloride	< 0.0007	mg/kg	5275	5/ 4/04	11:24
Naphthalene	< 0.00100	mg/kg	5275	5/ 4/04	11:24
n-Propylbenzene	< 0.00050	mg/kg	5275	5/ 4/04	11:24
Styrene	< 0.00040	mg/kg	5275	5/ 4/04	11:24
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	5275	5/ 4/04	11:24
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	5275	5/ 4/04	11:24
Tetrachloroethene	< 0.0005	mg/kg	5275	5/ 4/04	11:24
Toluene	< 0.0008	mg/kg	5275	5/ 4/04	11:24
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	5275	5/ 4/04	11:24
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	5275	5/ 4/04	11:24
1,1,1-Trichloroethane	< 0.0008	mg/kg	5275	5/ 4/04	11:24
1,1,2-Trichloroethane	< 0.0005	mg/kg	5275	5/ 4/04	11:24
Trichloroethene	< 0.0006	mg/kg	5275	5/ 4/04	11:24
1,2,3-Trichloropropane	< 0.00070	mg/kg	5275	5/ 4/04	11:24
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	5275	5/ 4/04	11:24
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	5275	5/ 4/04	11:24
Vinyl chloride	< 0.0010	mg/kg	5275	5/ 4/04	11:24
Xylenes (Total)	< 0.0013	mg/kg	5275	5/ 4/04	11:24
Bromodichloromethane	< 0.0009	mg/kg	5275	5/ 4/04	11:24
Trichlorofluoromethane	< 0.0005	mg/kg	5275	5/ 4/04	11:24

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 12
Laboratory Receipt Date: 4/28/04

VOA Surr 1,2-DCA-d4	112.	% Rec	5275	5/ 4/04	11:24
VOA Surr Toluene-d8	94.	% Rec	5275	5/ 4/04	11:24
VOA Surr, 4-BFB	91.	% Rec	5275	5/ 4/04	11:24
VOA Surr, DBFM	116.	% Rec	5275	5/ 4/04	11:24
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Acenaphthylene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Anthracene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Benzo(a)anthracene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Benzo(a)pyrene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Benzo(b)fluoranthene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Benzo(g,h,i)perylene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Benzo(k)fluoranthene	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Bromophenylphenylether	< 0.330	mg/kg	2380	5/ 6/04	16:54
Butylbenzylphthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54
Carbazole	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Chloro-3-methylphenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Chloroaniline	< 0.330	mg/kg	2380	5/ 6/04	16:54
bis(2-Chloroethoxy)methane	< 0.330	mg/kg	2380	5/ 6/04	16:54
bis(2-Chloroethyl)ether	< 0.330	mg/kg	2380	5/ 6/04	16:54
bis(2-Chloroisopropyl)ether	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Chloronaphthalene	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Chlorophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Chlorophenylphenylether	< 0.330	mg/kg	2380	5/ 6/04	16:54
Chrysene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Dibenzofuran	< 0.330	mg/kg	2380	5/ 6/04	16:54
Dibenz(a,h)anthracene	< 0.330	mg/kg	2380	5/ 6/04	16:54
1,2-Dichlorobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54
1,3-Dichlorobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54
1,4-Dichlorobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54
3,3'-Dichlorobenzidine	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,4-Dichlorophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
Diethylphthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,4-Dimethylphenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
Dimethylphthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54
Di-n-butylphthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 13
Laboratory Receipt Date: 4/28/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4,6-Dinitro-2-methylphenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,4-Dinitrophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,4-dinitrotoluene	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,6-Dinitrotoluene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Di-n-octylphthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54
Fluoranthene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Fluorene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Hexachlorobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Hexachlorobutadiene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Hexachlorocyclopentadiene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Hexachloroethane	< 0.330	mg/kg	2380	5/ 6/04	16:54
Indeno(1,2,3-cd)pyrene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Isophorone	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Methylnaphthalene	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Methylphenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
m,p-Methylphenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
Naphthalene	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Nitroaniline	< 0.330	mg/kg	2380	5/ 6/04	16:54
3-Nitroaniline	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Nitroaniline	< 0.330	mg/kg	2380	5/ 6/04	16:54
Nitrobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54
2-Nitrophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
4-Nitrophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
N-nitrosodi-n-propylamine	< 0.330	mg/kg	2380	5/ 6/04	16:54
N-nitrosodiphenylamine	< 0.330	mg/kg	2380	5/ 6/04	16:54
Pentachlorophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
Phenanthrene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Phenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
Pyrene	< 0.330	mg/kg	2380	5/ 6/04	16:54
Bis(2-ethylhexyl)phthalate	< 0.330	mg/kg	2380	5/ 6/04	16:54
1,2,4-Trichlorobenzene	< 0.330	mg/kg	2380	5/ 6/04	16:54

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: WILLIAMS
Page: 14
Laboratory Receipt Date: 4/28/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
2,4,5-Trichlorophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
2,4,6-Trichlorophenol	< 0.330	mg/kg	2380	5/ 6/04	16:54
METALS					
Arsenic	< 0.09	mg/kg	883	5/ 1/04	12:48
Barium	< 0.14	mg/kg	883	5/ 1/04	12:48
Cadmium	< 0.11	mg/kg	883	5/ 1/04	12:48
Chromium	< 0.31	mg/kg	883	5/ 1/04	12:48
Lead	< 0.36	mg/kg	883	5/ 1/04	12:48
Mercury	< 0.100	mg/kg	821	5/ 1/04	12:12
Selenium	< 1.20	mg/kg	883	5/ 1/04	12:48
Silver	< 0.73	mg/kg	883	5/ 1/04	12:48
Arsenic, TCLP	< 0.100	mg/l	2361	5/ 3/04	8:42
Barium, TCLP	< 1.00	mg/l	2361	5/ 3/04	8:42
Cadmium, TCLP	< 0.100	mg/l	2361	5/ 3/04	8:42
Chromium, TCLP	< 0.500	mg/l	2361	5/ 3/04	8:42
Lead, TCLP	< 0.500	mg/l	2361	5/ 3/04	8:42
Mercury, TCLP	< 0.0100	mg/l	1222	5/ 1/04	12:16
Selenium, TCLP	< 0.100	mg/l	2361	5/ 3/04	8:42
Silver, TCLP	< 0.100	mg/l	2361	5/ 3/04	8:42
MISC PARAMETERS					
Oil & Grease as HEM	< 50.0	mg/kg	9310	4/29/04	12:21

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 373124

TestAmerica ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Page 1 of 2

Client Name: E2S Client #: 2306
Address: 3008 Anderson Dr., Suite 102
City/State/Zip Code: Raleigh NC 27609
Project Manager: Pat Shillington
Telephone Number: 919-781-7798 Fax:
Sampler Name: (Print Name) Courtland Amerson
Sampler Signature: G. Courtland Amerson

Project Name: E.W. Williams
Project #:
Site/Location ID: State:
Report To: same
Invoice To: same
Quote #: PO#:

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other

Preservation & # of Containers

Analyze For: NPB1531 02/21/06 17:00

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify) Sodium Bisulfate	8260	8270								REMARKS
CT-1	2/7/06	10:00	G							1	4	2	X	X								1531-01
CT-2	2/7/06	11:40	G							1	4	2	X	X								02
CT-3	2/7/06	1:20	G							1	4	2	X	X								03
CT-9	2/7/06	222	G							1	4	2	X	X								04
TP-1F	2/8/06	9:30	C							1	4	2	X	X								05
TP-1V	2/8/06	9:35	G							1	4	2	X	X								06
TP-2F	2/8/06	12:00	C							1	4	2	X	X								07
TP-2V	2/8/06	9:40	G							1	4	2	X	X								08
TP-3F	2/8/06	12:50	C							1	4	2	X	X								09
TP-4F	2/8/06	1:10	G							1	4	2	X	X								10

Special Instructions:

Relinquished By: Courtland Amerson	Date: 2/8/06	Time: 4:30	Received By: Samuel Lee Hayes	Date: 2/8/06	Time: 16:30
Relinquished By: Samuel Lee Hayes	Date: 2/9/06	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	Date: 2/10/06	Time: 8:05

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: E2S Client #: 2306
Address: 3008 Anderson Dr., Suite 102
City/State/Zip Code: Raleigh, NC 27609
Project Manager: Pat Sweeling
Telephone Number: _____ Fax: _____
Sampler Name: (Print Name) Courtland Amerson
Sampler Signature: G. Courtland Amerson

Project Name: E W. Williams Page 2 of 2
Project #: _____
Site/Location ID: _____ State: _____
Report To: Same
Invoice To: Same
Quote #: _____ PO#: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: 8260	8270									REMARKS
TP-5F	2/8/06	1:20	C							1	4	2	X	X									1531-11
TP-6F	2/8/06	1:25	C							1	4	2	X	X									12
TP-7F	2/8/06	1:30	C							1	4	2	X	X									13
TP-8F	2/8/06	1:40	C							1	4	2	X	X									14
TP-8V	2/8/06	2:00	G							1	4	2	X	X									15

Special Instructions:

Relinquished By: G. Courtland Amerson	Date: 2/8/06	Time: 4:30	Received By: Samuel Lee Hayes	Date: 2/8/06	Time: 16:30
Relinquished By: Samuel Lee Hayes	Date: 2/9/06	Time: 17:00	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	Date: 2/10/06	Time: 8:05

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

NPB1531

COOLER RECEIPT FORM **BC#**

Client Name : $\Sigma_2 S$

Cooler Received/Opened On: 2/10/06 **Accessioned By:** Paul R. Buckingham II

Log-in Personnel Signature

1. Temperature of Cooler when triaged: see attached **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where: 1 front
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA soils
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA labeled by will
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

3118 (-0.2) 4422 (-1.2)

Fed-Ex UPS Velocity DHL Route Off-street Misc.

19. If a Non-Conformance exists, see attached or comments below:

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 4/5/05

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 22, 2006

Client: E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn: Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Nbr: E.W. Williams
Date Received: 02/10/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
CT-1	NPB1531-01	02/07/06 10:00
CT-3	NPB1531-02	02/07/06 11:40
CT-7	NPB1531-03	02/07/06 11:20
CT-9	NPB1531-04	02/07/06 14:22
TP-1F	NPB1531-05	02/08/06 09:30
TP-1V	NPB1531-06	02/08/06 09:35
TP-2F	NPB1531-07	02/08/06 12:00
TP-2V	NPB1531-08	02/08/06 09:40
TP-3F	NPB1531-09	02/08/06 12:50
TP-4F	NPB1531-10	02/08/06 13:10
TP-5F	NPB1531-11	02/08/06 13:20
TP-6F	NPB1531-12	02/08/06 13:25
TP-7F	NPB1531-13	02/08/06 13:30
TP-8F	NPB1531-14	02/08/06 13:40
TP-8V	NPB1531-15	02/08/06 14:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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North Carolina Certification Number: 387

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Jessica Vickers

Jessica Vickers
Senior Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-01 (CT-1 - Soil) Sampled: 02/07/06 10:00								
General Chemistry Parameters								
% Dry Solids	77.9		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		mg/kg	0.0435	1	02/16/06 08:39	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0435	1	02/16/06 08:39	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2-Dichlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0435	1	02/16/06 08:39	SW846 8260B	6021681

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-01 (CT-1 - Soil) - cont. Sampled: 02/07/06 10:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00870	1	02/16/06 08:39	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0435	1	02/16/06 08:39	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00174	1	02/16/06 08:39	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00435	1	02/16/06 08:39	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*97 %*					*02/16/06 08:39*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*99 %*					*02/16/06 08:39*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*101 %*					*02/16/06 08:39*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*107 %*					*02/16/06 08:39*	*SW846 8260B*	*6021681*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-01 (CT-1 - Soil) - cont. Sampled: 02/07/06 10:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.664	1	02/15/06 21:18	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-01 (CT-1 - Soil) - cont. Sampled: 02/07/06 10:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Phenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.664	1	02/15/06 21:18	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.332	1	02/15/06 21:18	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.830	1	02/15/06 21:18	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*69 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*71 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*72 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*71 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*81 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*80 %*					*02/15/06 21:18*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-02 (CT-3 - Soil) Sampled: 02/07/06 11:40								
General Chemistry Parameters								
% Dry Solids	**72.6**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.0374**		mg/kg	0.0332	1	02/16/06 09:08	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0332	1	02/16/06 09:08	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-02 (CT-3 - Soil) - cont. Sampled: 02/07/06 11:40

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0332	1	02/16/06 09:08	SW846 8260B	6021681
Isopropylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00665	1	02/16/06 09:08	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0332	1	02/16/06 09:08	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00133	1	02/16/06 09:08	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00332	1	02/16/06 09:08	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*99 %*					*02/16/06 09:08*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*02/16/06 09:08*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*98 %*					*02/16/06 09:08*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*105 %*					*02/16/06 09:08*	*SW846 8260B*	*6021681*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-02 (CT-3 - Soil) - cont. Sampled: 02/07/06 11:40								
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.658	1	02/15/06 21:40	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-02 (CT-3 - Soil) - cont. Sampled: 02/07/06 11:40								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Phenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.658	1	02/15/06 21:40	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.328	1	02/15/06 21:40	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.821	1	02/15/06 21:40	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*71 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*73 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*75 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*72 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*83 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*84 %*					*02/15/06 21:40*	*SW846 8270C*	*6022107*

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-03 (CT-7 - Soil) Sampled: 02/07/06 11:20								
General Chemistry Parameters								
% Dry Solids	**81.1**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		mg/kg	0.0387	1	02/16/06 09:38	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0387	1	02/16/06 09:38	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2-Dichlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0387	1	02/16/06 09:38	SW846 8260B	6021681

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Client E2S: Engineering (2306)
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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-03 (CT-7 - Soil) - cont. Sampled: 02/07/06 11:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00774	1	02/16/06 09:38	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0387	1	02/16/06 09:38	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00155	1	02/16/06 09:38	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00387	1	02/16/06 09:38	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*98 %*					*02/16/06 09:38*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*96 %*					*02/16/06 09:38*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*101 %*					*02/16/06 09:38*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*108 %*					*02/16/06 09:38*	*SW846 8260B*	*6021681*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107

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Client E2S: Engineering (2306)
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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-03 (CT-7 - Soil) - cont. Sampled: 02/07/06 11:20

Semivolatile Organic Compounds by EPA Method 8270C - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.656	1	02/15/06 22:02	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-03 (CT-7 - Soil) - cont. Sampled: 02/07/06 11:20								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Phenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.656	1	02/15/06 22:02	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.328	1	02/15/06 22:02	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.819	1	02/15/06 22:02	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*71 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*72 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*72 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*72 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*84 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*84 %*					*02/15/06 22:02*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-04 (CT-9 - Soil) Sampled: 02/07/06 14:22								
General Chemistry Parameters								
% Dry Solids	**78.0**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		mg/kg	0.0386	1	02/16/06 10:08	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0386	1	02/16/06 10:08	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-04 (CT-9 - Soil) - cont. Sampled: 02/07/06 14:22

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0386	1	02/16/06 10:08	SW846 8260B	6021681
Isopropylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00772	1	02/16/06 10:08	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0386	1	02/16/06 10:08	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00154	1	02/16/06 10:08	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00386	1	02/16/06 10:08	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*100 %*					*02/16/06 10:08*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*02/16/06 10:08*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*101 %*					*02/16/06 10:08*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*103 %*					*02/16/06 10:08*	*SW846 8260B*	*6021681*

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-04 (CT-9 - Soil) - cont. Sampled: 02/07/06 14:22

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acenaphthene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.658	1	02/15/06 22:24	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107

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Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-04 (CT-9 - Soil) - cont. Sampled: 02/07/06 14:22								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Phenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.658	1	02/15/06 22:24	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.328	1	02/15/06 22:24	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.821	1	02/15/06 22:24	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*75 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*76 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*76 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*77 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*85 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*85 %*					*02/15/06 22:24*	*SW846 8270C*	*6022107*

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-05 (TP-1F - Soil) Sampled: 02/08/06 09:30								
General Chemistry Parameters								
% Dry Solids	**84.3**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.143**		mg/kg	0.0439	1	02/16/06 10:38	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0439	1	02/16/06 10:38	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2-Dichlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0439	1	02/16/06 10:38	SW846 8260B	6021681

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-05 (TP-1F - Soil) - cont. Sampled: 02/08/06 09:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00879	1	02/16/06 10:38	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0439	1	02/16/06 10:38	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00176	1	02/16/06 10:38	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00439	1	02/16/06 10:38	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*98 %*					*02/16/06 10:38*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*100 %*					*02/16/06 10:38*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*102 %*					*02/16/06 10:38*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*110 %*					*02/16/06 10:38*	*SW846 8260B*	*6021681*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-05 (TP-1F - Soil) - cont. Sampled: 02/08/06 09:30

Semivolatile Organic Compounds by EPA Method 8270C - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.665	1	02/15/06 23:30	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107

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Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-05 (TP-1F - Soil) - cont. Sampled: 02/08/06 09:30								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Phenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.665	1	02/15/06 23:30	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.332	1	02/15/06 23:30	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.830	1	02/15/06 23:30	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*61 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*62 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*63 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*65 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*68 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*71 %*					*02/15/06 23:30*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-06 (TP-1V - Soil) Sampled: 02/08/06 09:35								
General Chemistry Parameters								
% Dry Solids	**87.7**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.0977**		mg/kg	0.0411	1	02/16/06 11:08	SW846 8260B	6021681
Benzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Bromobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Bromochloromethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Bromodichloromethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Bromoform	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Bromomethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
2-Butanone	ND		mg/kg	0.0411	1	02/16/06 11:08	SW846 8260B	6021681
sec-Butylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
n-Butylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
tert-Butylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Carbon disulfide	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
Carbon Tetrachloride	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Chlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Chlorodibromomethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Chloroethane	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
Chloroform	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Chloromethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
2-Chlorotoluene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
4-Chlorotoluene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Dibromomethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,4-Dichlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,3-Dichlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-06 (TP-1V - Soil) - cont. Sampled: 02/08/06 09:35

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Dichlorodifluoromethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1-Dichloroethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2-Dichloroethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
cis-1,2-Dichloroethene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1-Dichloroethene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
trans-1,2-Dichloroethene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,3-Dichloropropane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2-Dichloropropane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
2,2-Dichloropropane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
cis-1,3-Dichloropropene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
trans-1,3-Dichloropropene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1-Dichloropropene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Ethylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Hexachlorobutadiene	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
2-Hexanone	ND		mg/kg	0.0411	1	02/16/06 11:08	SW846 8260B	6021681
Isopropylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
p-Isopropyltoluene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Methyl tert-Butyl Ether	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Methylene Chloride	ND		mg/kg	0.00822	1	02/16/06 11:08	SW846 8260B	6021681
4-Methyl-2-pentanone	ND		mg/kg	0.0411	1	02/16/06 11:08	SW846 8260B	6021681
Naphthalene	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
n-Propylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Styrene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Tetrachloroethene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Toluene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2,3-Trichlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2,4-Trichlorobenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,1,2-Trichloroethane	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
1,1,1-Trichloroethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Trichloroethene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Trichlorofluoromethane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2,3-Trichloropropane	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,3,5-Trimethylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
1,2,4-Trimethylbenzene	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Vinyl chloride	ND		mg/kg	0.00164	1	02/16/06 11:08	SW846 8260B	6021681
Xylenes, total	ND		mg/kg	0.00411	1	02/16/06 11:08	SW846 8260B	6021681
Surr: 1,2-Dichloroethane-d4 (72-125%)	*93 %*					*02/16/06 11:08*	*SW846 8260B*	*6021681*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*02/16/06 11:08*	*SW846 8260B*	*6021681*
Surr: Toluene-d8 (80-124%)	*102 %*					*02/16/06 11:08*	*SW846 8260B*	*6021681*
Surr: 4-Bromofluorobenzene (25-185%)	*106 %*					*02/16/06 11:08*	*SW846 8260B*	*6021681*

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-06 (TP-1V - Soil) - cont. Sampled: 02/08/06 09:35

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acenaphthene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.662	1	02/15/06 22:46	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-06 (TP-1V - Soil) - cont. Sampled: 02/08/06 09:35								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Phenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.662	1	02/15/06 22:46	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.331	1	02/15/06 22:46	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.827	1	02/15/06 22:46	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*73 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*73 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*73 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*75 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*83 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*83 %*					*02/15/06 22:46*	*SW846 8270C*	*6022107*

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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-07 (TP-2F - Soil) Sampled: 02/08/06 12:00								
General Chemistry Parameters								
% Dry Solids	**91.8**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.145**		mg/kg	0.0460	1	02/16/06 18:53	SW846 8260B	6022074
Benzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Bromobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Bromochloromethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Bromodichloromethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Bromoform	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Bromomethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
2-Butanone	ND		mg/kg	0.0460	1	02/16/06 18:53	SW846 8260B	6022074
sec-Butylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
n-Butylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
tert-Butylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Carbon disulfide	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
Carbon Tetrachloride	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Chlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Chlorodibromomethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Chloroethane	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
Chloroform	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Chloromethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
2-Chlorotoluene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
4-Chlorotoluene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Dibromomethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,4-Dichlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,3-Dichlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2-Dichlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Dichlorodifluoromethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1-Dichloroethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2-Dichloroethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
cis-1,2-Dichloroethene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1-Dichloroethene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
trans-1,2-Dichloroethene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,3-Dichloropropane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2-Dichloropropane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
2,2-Dichloropropane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
cis-1,3-Dichloropropene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
trans-1,3-Dichloropropene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1-Dichloropropene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Ethylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Hexachlorobutadiene	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
2-Hexanone	ND		mg/kg	0.0460	1	02/16/06 18:53	SW846 8260B	6022074

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Work Order: NPB1531
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Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-07 (TP-2F - Soil) - cont. Sampled: 02/08/06 12:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
p-Isopropyltoluene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Methyl tert-Butyl Ether	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Methylene Chloride	ND		mg/kg	0.00919	1	02/16/06 18:53	SW846 8260B	6022074
4-Methyl-2-pentanone	ND		mg/kg	0.0460	1	02/16/06 18:53	SW846 8260B	6022074
Naphthalene	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
n-Propylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Styrene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Tetrachloroethene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Toluene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2,3-Trichlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2,4-Trichlorobenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,1,2-Trichloroethane	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
1,1,1-Trichloroethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Trichloroethene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Trichlorofluoromethane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2,3-Trichloropropane	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,3,5-Trimethylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
1,2,4-Trimethylbenzene	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Vinyl chloride	ND		mg/kg	0.00184	1	02/16/06 18:53	SW846 8260B	6022074
Xylenes, total	ND		mg/kg	0.00460	1	02/16/06 18:53	SW846 8260B	6022074
Surr: 1,2-Dichloroethane-d4 (72-125%)	*97 %*					*02/16/06 18:53*	*SW846 8260B*	*6022074*
Surr: Dibromofluoromethane (73-124%)	*96 %*					*02/16/06 18:53*	*SW846 8260B*	*6022074*
Surr: Toluene-d8 (80-124%)	*106 %*					*02/16/06 18:53*	*SW846 8260B*	*6022074*
Surr: 4-Bromofluorobenzene (25-185%)	*124 %*					*02/16/06 18:53*	*SW846 8260B*	*6022074*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Benzo (a) anthracene	**0.419**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Benzo (a) pyrene	**0.438**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Benzo (b) fluoranthene	**0.423**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Benzo (k) fluoranthene	**0.383**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-07 (TP-2F - Soil) - cont. Sampled: 02/08/06 12:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Chrysene	**0.424**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.650	1	02/15/06 23:52	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Fluoranthene	**0.841**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-07 (TP-2F - Soil) - cont. Sampled: 02/08/06 12:00								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	**0.437**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Phenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Pyrene	**0.723**		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.650	1	02/15/06 23:52	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.325	1	02/15/06 23:52	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.812	1	02/15/06 23:52	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*70 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*74 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*78 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*75 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*79 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*80 %*					*02/15/06 23:52*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-08 (TP-2V - Soil) Sampled: 02/08/06 09:40								
General Chemistry Parameters								
% Dry Solids	**83.0**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		mg/kg	0.0417	1	02/16/06 19:23	SW846 8260B	6022074
Benzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Bromobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Bromochloromethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Bromodichloromethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Bromoform	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Bromomethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
2-Butanone	ND		mg/kg	0.0417	1	02/16/06 19:23	SW846 8260B	6022074
sec-Butylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
n-Butylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
tert-Butylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Carbon disulfide	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
Carbon Tetrachloride	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Chlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Chlorodibromomethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Chloroethane	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
Chloroform	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Chloromethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
2-Chlorotoluene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
4-Chlorotoluene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Dibromomethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,4-Dichlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,3-Dichlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074

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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-08 (TP-2V - Soil) - cont. Sampled: 02/08/06 09:40

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Dichlorodifluoromethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1-Dichloroethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2-Dichloroethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
cis-1,2-Dichloroethene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1-Dichloroethene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
trans-1,2-Dichloroethene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,3-Dichloropropane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2-Dichloropropane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
2,2-Dichloropropane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
cis-1,3-Dichloropropene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
trans-1,3-Dichloropropene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1-Dichloropropene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Ethylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Hexachlorobutadiene	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
2-Hexanone	ND		mg/kg	0.0417	1	02/16/06 19:23	SW846 8260B	6022074
Isopropylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
p-Isopropyltoluene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Methyl tert-Butyl Ether	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Methylene Chloride	ND		mg/kg	0.00835	1	02/16/06 19:23	SW846 8260B	6022074
4-Methyl-2-pentanone	ND		mg/kg	0.0417	1	02/16/06 19:23	SW846 8260B	6022074
Naphthalene	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
n-Propylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Styrene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Tetrachloroethene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Toluene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2,3-Trichlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2,4-Trichlorobenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,1,2-Trichloroethane	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
1,1,1-Trichloroethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Trichloroethene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Trichlorofluoromethane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2,3-Trichloropropane	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,3,5-Trimethylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
1,2,4-Trimethylbenzene	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Vinyl chloride	ND		mg/kg	0.00167	1	02/16/06 19:23	SW846 8260B	6022074
Xylenes, total	ND		mg/kg	0.00417	1	02/16/06 19:23	SW846 8260B	6022074
Surr: 1,2-Dichloroethane-d4 (72-125%)	*96 %*					*02/16/06 19:23*	*SW846 8260B*	*6022074*
Surr: Dibromofluoromethane (73-124%)	*97 %*					*02/16/06 19:23*	*SW846 8260B*	*6022074*
Surr: Toluene-d8 (80-124%)	*103 %*					*02/16/06 19:23*	*SW846 8260B*	*6022074*
Surr: 4-Bromofluorobenzene (25-185%)	*108 %*					*02/16/06 19:23*	*SW846 8260B*	*6022074*

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Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-08 (TP-2V - Soil) - cont. Sampled: 02/08/06 09:40								
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.666	1	02/15/06 23:08	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-08 (TP-2V - Soil) - cont. Sampled: 02/08/06 09:40								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Phenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.666	1	02/15/06 23:08	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.333	1	02/15/06 23:08	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.832	1	02/15/06 23:08	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*79 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*83 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*81 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*82 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*92 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*95 %*					*02/15/06 23:08*	*SW846 8270C*	*6022107*

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-09 (TP-3F - Soil) Sampled: 02/08/06 12:50								
General Chemistry Parameters								
% Dry Solids	**79.5**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.205**		mg/kg	0.0429	1	02/16/06 19:53	SW846 8260B	6022074
Benzene	**0.00173**		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Bromobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Bromochloromethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Bromodichloromethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Bromoform	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Bromomethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
2-Butanone	ND		mg/kg	0.0429	1	02/16/06 19:53	SW846 8260B	6022074
sec-Butylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
n-Butylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
tert-Butylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Carbon disulfide	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
Carbon Tetrachloride	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Chlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Chlorodibromomethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Chloroethane	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
Chloroform	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Chloromethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
2-Chlorotoluene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
4-Chlorotoluene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Dibromomethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,4-Dichlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,3-Dichlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2-Dichlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Dichlorodifluoromethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1-Dichloroethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2-Dichloroethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
cis-1,2-Dichloroethene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1-Dichloroethene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
trans-1,2-Dichloroethene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,3-Dichloropropane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2-Dichloropropane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
2,2-Dichloropropane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
cis-1,3-Dichloropropene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
trans-1,3-Dichloropropene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1-Dichloropropene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Ethylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Hexachlorobutadiene	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
2-Hexanone	ND		mg/kg	0.0429	1	02/16/06 19:53	SW846 8260B	6022074

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-09 (TP-3F - Soil) - cont. Sampled: 02/08/06 12:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
p-Isopropyltoluene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Methyl tert-Butyl Ether	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Methylene Chloride	ND		mg/kg	0.00858	1	02/16/06 19:53	SW846 8260B	6022074
4-Methyl-2-pentanone	ND		mg/kg	0.0429	1	02/16/06 19:53	SW846 8260B	6022074
Naphthalene	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
n-Propylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Styrene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Tetrachloroethene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Toluene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2,3-Trichlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2,4-Trichlorobenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,1,2-Trichloroethane	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
1,1,1-Trichloroethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Trichloroethene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Trichlorofluoromethane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2,3-Trichloropropane	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,3,5-Trimethylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
1,2,4-Trimethylbenzene	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Vinyl chloride	ND		mg/kg	0.00172	1	02/16/06 19:53	SW846 8260B	6022074
Xylenes, total	ND		mg/kg	0.00429	1	02/16/06 19:53	SW846 8260B	6022074
Surr: 1,2-Dichloroethane-d4 (72-125%)	*97 %*					*02/16/06 19:53*	*SW846 8260B*	*6022074*
Surr: Dibromofluoromethane (73-124%)	*96 %*					*02/16/06 19:53*	*SW846 8260B*	*6022074*
Surr: Toluene-d8 (80-124%)	*104 %*					*02/16/06 19:53*	*SW846 8260B*	*6022074*
Surr: 4-Bromofluorobenzene (25-185%)	*111 %*					*02/16/06 19:53*	*SW846 8260B*	*6022074*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	**1.98**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Acenaphthylene	**0.690**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Anthracene	**6.50**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Benzo (a) anthracene	**17.1**		mg/kg	8.22	25	02/17/06 07:44	SW846 8270C	6022107
Benzo (a) pyrene	**15.5**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Benzo (b) fluoranthene	**13.6**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Benzo (g,h,i) perylene	**8.46**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Benzo (k) fluoranthene	**12.3**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Carbazole	**2.74**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-09 (TP-3F - Soil) - cont. Sampled: 02/08/06 12:50

Semivolatile Organic Compounds by EPA Method 8270C - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Chrysene	**16.0**		mg/kg	8.22	25	02/17/06 07:44	SW846 8270C	6022107
Dibenz (a,h) anthracene	**3.59**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Dibenzofuran	**1.37**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.658	1	02/16/06 00:14	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Fluoranthene	**37.6**		mg/kg	8.22	25	02/17/06 07:44	SW846 8270C	6022107
Fluorene	**2.66**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	**8.18**		mg/kg	1.64	5	02/17/06 09:55	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Methylnaphthalene	**0.388**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Naphthalene	**0.589**		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-09RE1 (TP-3F - Soil) - cont. Sampled: 02/08/06 12:50								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	**20.4**		mg/kg	8.22	25	02/17/06 07:44	SW846 8270C	6022107
Phenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
Pyrene	**28.7**		mg/kg	8.22	25	02/17/06 07:44	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.658	1	02/16/06 00:14	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.329	1	02/16/06 00:14	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.822	1	02/16/06 00:14	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*76 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: 2-Fluorophenol (26-105%)	*63 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: 2-Fluorophenol (26-105%)	*72 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*75 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*60 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*74 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*78 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*66 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*73 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*77 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*65 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*75 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*88 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*57 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*80 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*89 %*					*02/16/06 00:14*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*68 %*					*02/17/06 07:44*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*79 %*					*02/17/06 09:55*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-10 (TP-4F - Soil) Sampled: 02/08/06 13:10								
General Chemistry Parameters								
% Dry Solids	**80.7**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.144**		mg/kg	0.0405	1	02/16/06 20:41	SW846 8260B	6022074
Benzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Bromobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Bromochloromethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Bromodichloromethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Bromoform	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Bromomethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
2-Butanone	ND		mg/kg	0.0405	1	02/16/06 20:41	SW846 8260B	6022074
sec-Butylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
n-Butylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
tert-Butylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Carbon disulfide	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
Carbon Tetrachloride	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Chlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Chlorodibromomethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074

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Client E2S: Engineering (2306)
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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-10 (TP-4F - Soil) - cont. Sampled: 02/08/06 13:10

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Chloroethane	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
Chloroform	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Chloromethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
2-Chlorotoluene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
4-Chlorotoluene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Dibromomethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,4-Dichlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,3-Dichlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2-Dichlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Dichlorodifluoromethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1-Dichloroethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2-Dichloroethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
cis-1,2-Dichloroethene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1-Dichloroethene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
trans-1,2-Dichloroethene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,3-Dichloropropane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2-Dichloropropane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
2,2-Dichloropropane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
cis-1,3-Dichloropropene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
trans-1,3-Dichloropropene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1-Dichloropropene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Ethylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Hexachlorobutadiene	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
2-Hexanone	ND		mg/kg	0.0405	1	02/16/06 20:41	SW846 8260B	6022074
Isopropylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
p-Isopropyltoluene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Methyl tert-Butyl Ether	**0.0118**		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Methylene Chloride	ND		mg/kg	0.00809	1	02/16/06 20:41	SW846 8260B	6022074
4-Methyl-2-pentanone	ND		mg/kg	0.0405	1	02/16/06 20:41	SW846 8260B	6022074
Naphthalene	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
n-Propylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Styrene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Tetrachloroethene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Toluene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2,3-Trichlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2,4-Trichlorobenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,1,2-Trichloroethane	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
1,1,1-Trichloroethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Trichloroethene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-10 (TP-4F - Soil) - cont. Sampled: 02/08/06 13:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichlorofluoromethane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2,3-Trichloropropane	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,3,5-Trimethylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
1,2,4-Trimethylbenzene	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Vinyl chloride	ND		mg/kg	0.00162	1	02/16/06 20:41	SW846 8260B	6022074
Xylenes, total	ND		mg/kg	0.00405	1	02/16/06 20:41	SW846 8260B	6022074
Surr: 1,2-Dichloroethane-d4 (72-125%)	*95 %*					*02/16/06 20:41*	*SW846 8260B*	*6022074*
Surr: Dibromofluoromethane (73-124%)	*96 %*					*02/16/06 20:41*	*SW846 8260B*	*6022074*
Surr: Toluene-d8 (80-124%)	*102 %*					*02/16/06 20:41*	*SW846 8260B*	*6022074*
Surr: 4-Bromofluorobenzene (25-185%)	*113 %*					*02/16/06 20:41*	*SW846 8260B*	*6022074*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.649	1	02/16/06 00:36	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107

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Client E2S: Engineering (2306)
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Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-10 (TP-4F - Soil) - cont. Sampled: 02/08/06 13:10

Semivolatile Organic Compounds by EPA Method 8270C - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
2,4-Dinitrophenol	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Phenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.649	1	02/16/06 00:36	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.324	1	02/16/06 00:36	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.811	1	02/16/06 00:36	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*61 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*72 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*80 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*79 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*74 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*87 %*					*02/16/06 00:36*	*SW846 8270C*	*6022107*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-11 (TP-5F - Soil) Sampled: 02/08/06 13:20								
General Chemistry Parameters								
% Dry Solids	**88.1**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.175**		mg/kg	0.0416	1	02/16/06 21:08	SW846 8260B	6022074
Benzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Bromobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Bromochloromethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Bromodichloromethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Bromoform	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Bromomethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
2-Butanone	ND		mg/kg	0.0416	1	02/16/06 21:08	SW846 8260B	6022074
sec-Butylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
n-Butylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
tert-Butylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Carbon disulfide	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
Carbon Tetrachloride	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Chlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Chlorodibromomethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Chloroethane	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
Chloroform	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Chloromethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
2-Chlorotoluene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
4-Chlorotoluene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Dibromomethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,4-Dichlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,3-Dichlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2-Dichlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Dichlorodifluoromethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1-Dichloroethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2-Dichloroethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
cis-1,2-Dichloroethene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1-Dichloroethene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
trans-1,2-Dichloroethene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,3-Dichloropropane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2-Dichloropropane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
2,2-Dichloropropane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
cis-1,3-Dichloropropene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
trans-1,3-Dichloropropene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1-Dichloropropene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Ethylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Hexachlorobutadiene	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
2-Hexanone	ND		mg/kg	0.0416	1	02/16/06 21:08	SW846 8260B	6022074

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-11 (TP-5F - Soil) - cont. Sampled: 02/08/06 13:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
p-Isopropyltoluene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Methyl tert-Butyl Ether	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Methylene Chloride	ND		mg/kg	0.00832	1	02/16/06 21:08	SW846 8260B	6022074
4-Methyl-2-pentanone	ND		mg/kg	0.0416	1	02/16/06 21:08	SW846 8260B	6022074
Naphthalene	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
n-Propylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Styrene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Tetrachloroethene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Toluene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2,3-Trichlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2,4-Trichlorobenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,1,2-Trichloroethane	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
1,1,1-Trichloroethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Trichloroethene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Trichlorofluoromethane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2,3-Trichloropropane	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,3,5-Trimethylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
1,2,4-Trimethylbenzene	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Vinyl chloride	ND		mg/kg	0.00166	1	02/16/06 21:08	SW846 8260B	6022074
Xylenes, total	ND		mg/kg	0.00416	1	02/16/06 21:08	SW846 8260B	6022074
Surr: 1,2-Dichloroethane-d4 (72-125%)	*98 %*					*02/16/06 21:08*	*SW846 8260B*	*6022074*
Surr: Dibromofluoromethane (73-124%)	*98 %*					*02/16/06 21:08*	*SW846 8260B*	*6022074*
Surr: Toluene-d8 (80-124%)	*102 %*					*02/16/06 21:08*	*SW846 8260B*	*6022074*
Surr: 4-Bromofluorobenzene (25-185%)	*110 %*					*02/16/06 21:08*	*SW846 8260B*	*6022074*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-11 (TP-5F - Soil) - cont. Sampled: 02/08/06 13:20								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.662	1	02/16/06 00:58	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107

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Work Order: NPB1531
Project Name: E2S: Engineering
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ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-11 (TP-5F - Soil) - cont. Sampled: 02/08/06 13:20								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Phenanthrene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Phenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.662	1	02/16/06 00:58	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.331	1	02/16/06 00:58	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.827	1	02/16/06 00:58	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*73 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*76 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*77 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*76 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*81 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*85 %*					*02/16/06 00:58*	*SW846 8270C*	*6022107*
Sample ID: NPB1531-12 (TP-6F - Soil) Sampled: 02/08/06 13:25								
General Chemistry Parameters								
% Dry Solids	**78.5**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.226**		mg/kg	0.0408	1	02/17/06 12:46	SW846 8260B	6022075
Benzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Bromobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Bromochloromethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Bromodichloromethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Bromoform	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Bromomethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
2-Butanone	ND		mg/kg	0.0408	1	02/17/06 12:46	SW846 8260B	6022075
sec-Butylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
n-Butylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
tert-Butylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Carbon disulfide	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
Carbon Tetrachloride	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Chlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Chlorodibromomethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Chloroethane	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
Chloroform	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Chloromethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
2-Chlorotoluene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
4-Chlorotoluene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Dibromomethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,4-Dichlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,3-Dichlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-12 (TP-6F - Soil) - cont. Sampled: 02/08/06 13:25

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,2-Dichlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Dichlorodifluoromethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1-Dichloroethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2-Dichloroethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
cis-1,2-Dichloroethene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1-Dichloroethene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
trans-1,2-Dichloroethene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,3-Dichloropropane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2-Dichloropropane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
2,2-Dichloropropane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
cis-1,3-Dichloropropene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
trans-1,3-Dichloropropene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1-Dichloropropene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Ethylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Hexachlorobutadiene	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
2-Hexanone	ND		mg/kg	0.0408	1	02/17/06 12:46	SW846 8260B	6022075
Isopropylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
p-Isopropyltoluene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Methyl tert-Butyl Ether	**0.00262**		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Methylene Chloride	ND		mg/kg	0.00816	1	02/17/06 12:46	SW846 8260B	6022075
4-Methyl-2-pentanone	ND		mg/kg	0.0408	1	02/17/06 12:46	SW846 8260B	6022075
Naphthalene	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
n-Propylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Styrene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Tetrachloroethene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Toluene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2,3-Trichlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2,4-Trichlorobenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,1,2-Trichloroethane	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
1,1,1-Trichloroethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Trichloroethene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Trichlorofluoromethane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2,3-Trichloropropane	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,3,5-Trimethylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
1,2,4-Trimethylbenzene	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Vinyl chloride	ND		mg/kg	0.00163	1	02/17/06 12:46	SW846 8260B	6022075
Xylenes, total	ND		mg/kg	0.00408	1	02/17/06 12:46	SW846 8260B	6022075
Surr: 1,2-Dichloroethane-d4 (72-125%)	*99 %*					*02/17/06 12:46*	*SW846 8260B*	*6022075*
Surr: Dibromofluoromethane (73-124%)	*100 %*					*02/17/06 12:46*	*SW846 8260B*	*6022075*
Surr: Toluene-d8 (80-124%)	*110 %*					*02/17/06 12:46*	*SW846 8260B*	*6022075*
Surr: 4-Bromofluorobenzene (25-185%)	*132 %*					*02/17/06 12:46*	*SW846 8260B*	*6022075*

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Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-12 (TP-6F - Soil) - cont. Sampled: 02/08/06 13:25

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acenaphthene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.646	1	02/17/06 08:06	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-12 (TP-6F - Soil) - cont. Sampled: 02/08/06 13:25								
Semivolatile Organic Compounds by EPA Method 8270C - cont.								
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
Phenanthrene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Phenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Pyrene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
Pyridine	ND		mg/kg	0.646	1	02/17/06 08:06	SW846 8270C	6022107
1,2,4-Trichlorobenzene	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2,4,6-Trichlorophenol	ND		mg/kg	0.322	1	02/17/06 08:06	SW846 8270C	6022107
2,4,5-Trichlorophenol	ND		mg/kg	0.807	1	02/17/06 08:06	SW846 8270C	6022107
Surr: 2-Fluorophenol (26-105%)	*73 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*
Surr: Phenol-d5 (33-109%)	*71 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*
Surr: Nitrobenzene-d5 (10-153%)	*77 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*
Surr: 2-Fluorobiphenyl (35-106%)	*73 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*
Surr: 2,4,6-Tribromophenol (21-125%)	*78 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*
Surr: Terphenyl-d14 (41-117%)	*77 %*					*02/17/06 08:06*	*SW846 8270C*	*6022107*

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Client E2S: Engineering (2306)
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Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-13 (TP-7F - Soil) Sampled: 02/08/06 13:30								
General Chemistry Parameters								
% Dry Solids	**84.9**		%	0.500	1	02/14/06 10:40	SW-846	6022161
Volatile Organic Compounds by EPA Method 8260B								
Acetone	**0.142**		mg/kg	0.0430	1	02/17/06 13:15	SW846 8260B	6022075
Benzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Bromobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Bromochloromethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Bromodichloromethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Bromoform	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Bromomethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
2-Butanone	ND		mg/kg	0.0430	1	02/17/06 13:15	SW846 8260B	6022075
sec-Butylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
n-Butylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
tert-Butylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Carbon disulfide	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
Carbon Tetrachloride	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Chlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Chlorodibromomethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Chloroethane	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
Chloroform	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Chloromethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
2-Chlorotoluene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
4-Chlorotoluene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2-Dibromo-3-chloropropane	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Dibromomethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,4-Dichlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,3-Dichlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2-Dichlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Dichlorodifluoromethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1-Dichloroethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2-Dichloroethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
cis-1,2-Dichloroethene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1-Dichloroethene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
trans-1,2-Dichloroethene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,3-Dichloropropane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2-Dichloropropane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
2,2-Dichloropropane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
cis-1,3-Dichloropropene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
trans-1,3-Dichloropropene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1-Dichloropropene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Ethylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Hexachlorobutadiene	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
2-Hexanone	ND		mg/kg	0.0430	1	02/17/06 13:15	SW846 8260B	6022075

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client E2S: Engineering (2306)
3008 Anderson Drive Suite 102
Raleigh, NC 27609
Attn Pat Shillington

Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB1531-13 (TP-7F - Soil) - cont. Sampled: 02/08/06 13:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Isopropylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
p-Isopropyltoluene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Methyl tert-Butyl Ether	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Methylene Chloride	ND		mg/kg	0.00859	1	02/17/06 13:15	SW846 8260B	6022075
4-Methyl-2-pentanone	ND		mg/kg	0.0430	1	02/17/06 13:15	SW846 8260B	6022075
Naphthalene	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
n-Propylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Styrene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1,2,2-Tetrachloroethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1,1,2-Tetrachloroethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Tetrachloroethene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Toluene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2,3-Trichlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2,4-Trichlorobenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,1,2-Trichloroethane	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
1,1,1-Trichloroethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Trichloroethene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Trichlorofluoromethane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2,3-Trichloropropane	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,3,5-Trimethylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
1,2,4-Trimethylbenzene	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Vinyl chloride	ND		mg/kg	0.00172	1	02/17/06 13:15	SW846 8260B	6022075
Xylenes, total	ND		mg/kg	0.00430	1	02/17/06 13:15	SW846 8260B	6022075
Surr: 1,2-Dichloroethane-d4 (72-125%)	*100 %*					*02/17/06 13:15*	*SW846 8260B*	*6022075*
Surr: Dibromofluoromethane (73-124%)	*96 %*					*02/17/06 13:15*	*SW846 8260B*	*6022075*
Surr: Toluene-d8 (80-124%)	*105 %*					*02/17/06 13:15*	*SW846 8260B*	*6022075*
Surr: 4-Bromofluorobenzene (25-185%)	*117 %*					*02/17/06 13:15*	*SW846 8260B*	*6022075*
Semivolatile Organic Compounds by EPA Method 8270C								
Acenaphthene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Acenaphthylene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Anthracene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Benzo (a) anthracene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Benzo (a) pyrene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Benzo (b) fluoranthene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Benzo (g,h,i) perylene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Benzo (k) fluoranthene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4-Bromophenyl phenyl ether	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Butyl benzyl phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Carbazole	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4-Chloro-3-methylphenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4-Chloroaniline	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Bis(2-chloroethoxy)methane	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Bis(2-chloroethyl)ether	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107

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Client E2S: Engineering (2306)
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Raleigh, NC 27609
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Work Order: NPB1531
Project Name: E2S: Engineering
Project Number: E.W. Williams
Received: 02/10/06 08:05

ANALYTICAL REPORT

Sample ID: NPB1531-13 (TP-7F - Soil) - cont. Sampled: 02/08/06 13:30

Semivolatile Organic Compounds by EPA Method 8270C - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bis(2-chloroisopropyl)ether	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Chloronaphthalene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Chlorophenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4-Chlorophenyl phenyl ether	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Chrysene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Dibenz (a,h) anthracene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Dibenzofuran	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Di-n-butyl phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
1,4-Dichlorobenzene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
1,2-Dichlorobenzene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
1,3-Dichlorobenzene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
3,3'-Dichlorobenzidine	ND		mg/kg	0.654	1	02/17/06 08:27	SW846 8270C	6022107
2,4-Dichlorophenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Diethyl phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2,4-Dimethylphenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Dimethyl phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4,6-Dinitro-2-methylphenol	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
2,4-Dinitrophenol	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
2,6-Dinitrotoluene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2,4-Dinitrotoluene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Di-n-octyl phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Bis(2-ethylhexyl)phthalate	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Fluoranthene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Fluorene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Hexachlorobenzene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Hexachlorobutadiene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Hexachlorocyclopentadiene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Hexachloroethane	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Isophorone	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Methylnaphthalene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Methylphenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Naphthalene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
3/4-Methylphenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Nitroaniline	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
3-Nitroaniline	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
4-Nitroaniline	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
Nitrobenzene	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
2-Nitrophenol	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
4-Nitrophenol	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107
N-Nitrosodiphenylamine	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
N-Nitrosodi-n-propylamine	ND		mg/kg	0.327	1	02/17/06 08:27	SW846 8270C	6022107
Pentachlorophenol	ND		mg/kg	0.817	1	02/17/06 08:27	SW846 8270C	6022107