P0024 RCO 2437

Dewberry

551 Piney Forest Road
P.O. Box 1509 (24543)
Danville, VA 24540

Transmittal

To: North Carolina Department of Environmental and Natural Resources
Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699

Date: 4/16/07
Project No: 10030540- E002NOV6

cc: Mr. Jeff Earp, County Manager

Attention: Ms. Jaclynne Drummond

We Transmit:	the following:	for:	
☐ as per your request	☐ prints	☐ your approval	☐ as requested by
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	☐ specifications		
	☐ shop drawings		
	☐ _____		

Received
APR 2007
Solid Waste Section

Copies	Date	Number	Description
	4/16/07		2nd semi-annual groundwater report – Caswell County Landfill Facility

Comments:

Signed: Matt P. Shepperd
Matt P. Shepperd, Environmental Scientist

If enclosures are not as noted, please notify us at once

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April 16, 2007

Ms. Jaclynne Drummond
North Carolina Department of Environmental and Natural Resources
Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699

Re: Caswell County, NC Landfill
2nd Semi-Annual 2006 Groundwater Monitoring Event Sampling Results

Dear Ms. Drummond:

Enclosed are the analytical laboratory's results from ProChem Analytical Inc. for groundwater samples collected from the above referenced facility on November 30, 2006. Groundwater samples were collected from five (5) down-gradient compliance monitoring wells (MW-2, MW-3, MW-4, MW-5, and MW-6) and from upgradient well MW-1. In addition, two (2) surface water samples (SW-1 & SW-2) were collected from the receiving creek, which is downgradient of the closed landfill. In order to fulfill the requirements from the North Carolina Department of Environment, Health, and Natural Resources (DEHNR), under the closed status, all groundwater and surface water samples were analyzed for the Resource Conservation & Recovery Act (RCRA) metals and DEHNR Table-1 Volatile Organic Compounds (VOCs). This event represents the 2nd semi-annual sampling event for 2006. A summary table of the parameters detected during this event is included as **Table 1** with this report.

General Notes:

The laboratory analytical results of the November 30, 2006, groundwater sampling event are included in **Attachment A.**

Analysis of Current Monitoring Data:

Upgradient Well (MW-1):

Metals:

The following metals were quantified in MW-1 during the 2nd semi-annual groundwater monitoring event.

- Barium (MW-1)
- Chromium (MW-1)

Volatile Organic Compounds (VOCs):

There were no VOCs quantified in the upgradient well during the 2nd semi-annual groundwater monitoring event.

Routine Laboratory Results

Chloride was quantified in the up-gradient monitoring well during the 2nd semi-annual groundwater monitoring event.

Downgradient Wells (MW-2, MW-3, MW-4, MW-5, and MW-6):

Metals:

The following metals were quantified in the downgradient monitoring wells during the 2nd semi-annual groundwater monitoring event:

- Barium (MW-2, MW-3, MW-4, MW-5, MW-6)
- Cadmium (MW-4)
- Chromium (MW-4, MW-6)
- Lead (MW-4, MW-6)

VOC's:

The following VOC's were quantified in downgradient compliance monitoring wells during the 2nd semi-annual, November 2006, sampling event.

- Chlorobenzene (MW-2, MW-3, MW-4, MW-5)
- Chloroethane (MW-2, MW-4, MW-5)
- 1,4-Dichlorobenzene (MW-2, MW-3, MW-4, MW-5)

Routine Laboratory Results:

Chloride was quantified in the following down-gradient monitoring wells during the 2nd semi-annual, November 2006, groundwater monitoring event.

- (MW-2, MW-3, MW-4, MW-5, MW-6)

Surface Water Locations (SW-1 and SW-2):

Metals:

- Barium (SW-1, SW-2)

VOCs:

There were no VOCs quantified in the surface water samples during the 2nd semi-annual, November 2006, groundwater monitoring event.

Routine Laboratory Results

Chloride was quantified in both surface water sampling locations during the 2nd semi-annual, November 2006, groundwater monitoring event.

If you should have any questions or comments concerning any of the enclosed data, please do not hesitate to contact us.

Sincerely,

Dewberry & Davis, Inc.

Matt P. Shepperd
Environmental Scientist

Patrick M. Wales, GIT
Environmental Director

Enclosure

cc: Mr. Jeff Earp, County Manager, Caswell County North Carolina

P:\10030540\Admin\Reports\2nd semi-annual report.doc

Table 1

Detect Summary

Compliance Monitoring

P:\10030540\Technical\Environmental\2006\2nd_semi-annual.DetectSummary 11/06.xls

QUANTIFIED VALUES	Quantitation Limit (LOQ) (ug/L)	Caswell County Landfill 1st Semi-Annual Groundwater Monitoring Event November 30, 2006							
		Upgradient Well	Downgradient Compliance Wells					Stream Samples	
		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	SW-1	SW-2
Total Metals (ug/L)									
Arsenic (As)	5.00	ND	ND	ND	ND	ND	ND	ND	ND
Barium (Ba)	1.00	176	111	79.3	120	76.1	132.0	26.9	30.4
Cadmium (Cd)	1.00		ND	ND	1.49	ND	ND	ND	ND
Chromium (Cr)	5.00	18.1			18.1		31.7		ND
Lead (Pb)	5.00			ND	7.12	ND	18.5	ND	ND
Mercury (Hg)	0.20	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	5.00	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2.00	ND		ND		ND	ND	ND	ND
Volatile Organic Compounds (ug/L)									
Acetone	25.0	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	2.0	ND		ND			ND	ND	ND
Carbon Disulfide	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	2.0	ND	14.7	6.1	7.5	3.7	ND	ND	ND
Chloroethane	2.0	ND	2.8		3.1	2.6	ND	ND	ND
cis-1,2-Dichloroethylene	2.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	2.0	ND		ND			ND	ND	ND
1,4-Dichlorobenzene	2.0	ND	14.9	6	14.1	11.0	ND	ND	ND
1,1-Dichloroethane	2.0	ND	ND	ND	ND		ND	ND	ND
Ethylbenzene	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	2.0	* J 1.9	* J 1.1	ND	* J 1.8	* J 1.8	* J 1.8	* J 1.6	* 2.3
Naphthalene	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Routine Laboratory Results (mg/L)									
Chloride	1.00	160	76.5	40.9	72.2	72.8	2.65	3.42	6.21

ND = Not Detected
*** = Blank-Qualified**

Dewberry

Appendix A

Analytical Results

10030540

ProChem Analytical Incorporated
1405 Municipal Road, Roanoke, VA 24012
ProChemAnalytical.com

CASWELL COUNTY LANDFILL
ANALYTICAL RESULTS REPORT

Dewberry and Davis
551 Piney Forest Rd.
Danville, VA 24540
ATTN: Mr. Patrick Wales

Report Date/Number: December 21, 2006

Laboratory Name: ProChem Analytical, Inc.

Job No.: Caswell County Landfill Sampling Event - 2nd Semiannual – November 2006

ClientNo: 10931

No. samples received: 10: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, SW-1, SW-2, Equipment Blank, Trip Blank

Sample Collection Date/Time: 11/30/06 09:00-11:10

Sample Receipt Date/Time: 12/01/06 14:00

Sample Temperatures: All samples received on ice, 2 Degrees Celsius

Analysis Methods: Test Methods for evaluating Solid Waste, Physical/Chemical Methods, SW 846, 3rd Edition; Inorganic Digestion - 3005A; ICP - 6010B (Update III, Rev.2, 12/96) - Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver; CVAAS - Mercury 7470A (Update II, Rev. I 9/94); Volatile Organics 8260B. Methods for the Chemical Analysis of Water and Wastes, EPA – Ion Chromatography (Chloride)- 300.0.

Extraction Dates: No organic extractions required.

Analytical Comments: Sample MW-5 was used for LD/MS/MSD analysis. All laboratory duplicates, matrix spikes and matrix spike duplicates were within the quality assurance objectives. The Volatile surrogate recoveries were all acceptable. Methylene Chloride was detected in the Equipment and Trip Blanks. All sample results were < 2.0 ug/l, with the one exception of SS-2, which was slightly above the reporting limit. The GC/MS Tentatively Identified Compounds (TIC) report, as required by NCDENR, is provided immediately following the QA/QC tables. No problems were encountered during sample receipt nor during sample analysis.

The "J" qualifiers indicate results detected below the Limit of Quantitation (PQL) and at or above the Method Detection Limit.

Analytical data is presented on the following pages of this report. If we may be of further assistance please contact us at any time.

Sincerely,

Kimberly B. Altizer

Kimberly B. Altizer, Senior Project Manager

Client ID: MW-1
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309518
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 0900

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	14:21	DJW	SW-846 8260B	VOA121106

Client ID: MW-1 (Continued) **ProChem Analytical ID: 309518**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.9	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	14:21	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Barium	176	ug/l	1.00	0.10	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Cadmium	J 0.39	ug/l	1.00	0.10	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Chromium	18.1	ug/l	5.00	0.48	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Lead	J 2.49	ug/l	5.00	0.97	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:40	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:08	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	18:34	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	160	mg/l	10.0	0.21	12/11/06	17:03	AL	USEPA 300.0	ICL121106

Client ID: MW-2
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309519
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 0930

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Benzene	J 1.8	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Chlorobenzene	14.7	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Chloroethane	2.8	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	J 1.6	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	14.9	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	14:50	DJW	SW-846 8260B	VOA121106

Client ID: MW-2 (Continued) **ProChem Analytical ID: 309519**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.1	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	14:50	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Barium	111	ug/l	1.00	0.10	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Chromium	J 2.64	ug/l	5.00	0.48	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Lead	J 2.31	ug/l	5.00	0.97	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:42	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:11	EAD	SW-846 6010B	121406T2
Silver	J 1.02	ug/l	2.00	0.50	12/14/06	18:46	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	76.5	mg/l	10.0	0.21	12/11/06	16:29	AL	USEPA 300.0	ICL121106

Client ID: MW-3
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309520
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1050

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Chlorobenzene	6.1	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Chloroethane	J 1.5	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	6.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	15:20	DJW	SW-846 8260B	VOA121106

Client ID: MW-3 (Continued) **ProChem Analytical ID: 309520**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Methylene Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	15:20	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Barium	79.3	ug/l	1.00	0.10	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Chromium	J 1.69	ug/l	5.00	0.48	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Lead	< 5.00	ug/l	5.00	0.97	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:43	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:15	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	18:50	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	40.90	mg/l	1.00	0.21	12/07/06	15:04	AL	USEPA 300.0	ICL120706

Client ID: MW-4
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309521
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 0932

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Benzene	J 1.3	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Chlorobenzene	7.5	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Chloroethane	3.1	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	J 1.4	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	14.1	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	15:50	DJW	SW-846 8260B	VOA121106

Client ID: MW-4 (Continued) **ProChem Analytical ID: 309521**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.8	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	15:50	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Barium	120	ug/l	1.00	0.10	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Cadmium	1.49	ug/l	1.00	0.10	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Chromium	18.1	ug/l	5.00	0.48	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Lead	7.12	ug/l	5.00	0.97	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:45	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:18	EAD	SW-846 6010B	121406T2
Silver	J 1.01	ug/l	2.00	0.50	12/14/06	18:54	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	72.2	mg/l	10.0	0.21	12/11/06	15:55	AL	USEPA 300.0	ICL121106

Client ID: MW-5
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309522
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1003

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Benzene	J 1.1	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Chlorobenzene	3.7	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Chloroethane	2.6	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	J 1.5	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	11.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	J 1.3	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	17:49	DJW	SW-846 8260B	VOA121106

Client ID: MW-5 (Continued) **ProChem Analytical ID: 309522**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.8	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Xylene, m & p-	< 5.0	ug/l	5.0	0.7	12/11/06	17:49	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Barium	76.1	ug/l	1.00	0.10	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Chromium	J 1.49	ug/l	5.00	0.48	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Lead	< 5.00	ug/l	5.00	0.97	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:46	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:22	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	18:59	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	72.8	mg/l	10.0	0.21	12/11/06	14:12	AL	USEPA 300.0	ICL121106

Client ID: MW-6
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309523
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1106

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	16:20	DJW	SW-846 8260B	VOA121106

Client ID: MW-6 (Continued) **ProChem Analytical ID: 309523**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.8	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	16:20	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Barium	132	ug/l	1.00	0.10	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Chromium	31.7	ug/l	5.00	0.48	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Lead	18.5	ug/l	5.00	0.97	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:54	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:43	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	19:15	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	2.65	mg/l	1.00	0.21	12/07/06	17:54	AL	USEPA 300.0	ICL120706

Client ID: SS-1
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309524
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1110

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	16:50	DJW	SW-846 8260B	VOA121106

Client ID: SS-1 (Continued) **ProChem Analytical ID: 309524**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Methylene Chloride	J 1.6	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	16:50	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Barium	26.9	ug/l	1.00	0.10	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Chromium	J 2.21	ug/l	5.00	0.48	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Lead	< 5.00	ug/l	5.00	0.97	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:56	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:46	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	19:19	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	3.42	mg/l	1.00	0.21	12/07/06	18:28	AL	USEPA 300.0	ICL120706

Client ID: SS-2
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309525
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1056

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	17:19	DJW	SW-846 8260B	VOA121106

Client ID: SS-2 (Continued) **ProChem Analytical ID: 309525**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Methylene Chloride	2.3	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	17:19	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Barium	30.4	ug/l	1.00	0.10	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Chromium	< 5.00	ug/l	5.00	0.48	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Lead	< 5.00	ug/l	5.00	0.97	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:57	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:50	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	19:23	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	6.21	mg/l	1.00	0.21	12/07/06	20:44	AL	USEPA 300.0	ICL120706

Client ID: EQUIPMENT BLANK
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF/2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309526
Collected by: T. SHELTON
Date/Time Received: 12/01/06 14:00
Time Collected: 1200

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Acetonitrile	J 1.7	ug/l	20.0	4.6	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
2-Butanone	J 4.0	ug/l	10.0	1.8	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	13:21	DJW	SW-846 8260B	VOA121106

Client ID: EQUIPMENT BLANK (Continued) **ProChem Analytical ID: 309526**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Methylene Chloride	5.5	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	13:21	DJW	SW-846 8260B	VOA121106
Metals/Elements Results									
Arsenic	< 5.00	ug/l	5.00	1.3	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Barium	< 1.00	ug/l	1.00	0.10	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Cadmium	< 1.00	ug/l	1.00	0.10	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Chromium	< 5.00	ug/l	5.00	0.48	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Lead	< 5.00	ug/l	5.00	0.97	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Mercury	< 0.20	ug/l	0.20	0.05	12/04/06	09:59	MLS	SW-846 7470A	120406CV
Selenium	< 5.00	ug/l	5.00	1.0	12/14/06	12:53	EAD	SW-846 6010B	121406T2
Silver	< 2.00	ug/l	2.00	0.50	12/14/06	19:35	EAD	SW-846 6010B	121406TR
Routine Laboratory Results									
Chloride	< 1.00	mg/l	1.00	0.21	12/07/06	21:18	AL	USEPA 300.0	ICL120706

Client ID: TRIP BLANK
Matrix: WATER
Collection Date: 11/30/06
Other ID: 410610
Description: CASWELL COUNTY LF 2ND SEMIANNUAL EVENT

ProChem Analytical ID: 309527
Collected by: LABORATORY
Date/Time Received: 12/01/06 14:00
Time Collected:

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS									
Acetone	< 25.0	ug/l	25.0	2.8	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Acetonitrile	< 20.0	ug/l	20.0	4.6	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Acrolein	< 10.0	ug/l	10.0	1.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Acrylonitrile	< 10.0	ug/l	10.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Allyl Chloride	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Benzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Bromochloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Bromodichloromethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Bromoform	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Bromomethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
2-Butanone	< 10.0	ug/l	10.0	1.8	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Carbon Disulfide	< 2.0	ug/l	2.0	1.5	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Carbon Tetrachloride	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Chlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Chloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Chloroform	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Chloromethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Chloroprene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
cis-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
cis-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Dibromochloromethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Dibromomethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,2-Dichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,3-Dichlorobenzene	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,4-Dichlorobenzene	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Dichlorodifluoromethane	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,2-Dichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1-Dichloroethene	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,3-Dichloropropane	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
2,2-Dichloropropane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1-Dichloropropene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Ethyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Ethylbenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Hexachlorobutadiene	< 5.0	ug/l	5.0	1.1	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
2-Hexanone	< 10.0	ug/l	10.0	1.0	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Iodomethane	< 2.0	ug/l	2.0	1.1	12/11/06	13:51	DJW	SW-846 8260B	VOA121106

Client ID: TRIP BLANK (Continued) **ProChem Analytical ID: 309527**

Analyte	Result	Units	Quant Limit	MDL	Analysis Date	Time	By	Method	Batch ID
Volatile Organic Compounds by GC/MS (Continued)									
Isobutanol	< 100	ug/l	100	8.5	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Methacrylonitrile	< 20.0	ug/l	20.0	1.7	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Methyl Methacrylate	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
4-Methyl-2-pentanone	< 10.0	ug/l	10.0	1.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Methylene Chloride	9.1	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Naphthalene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Propionitrile	< 20.0	ug/l	20.0	1.8	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Styrene	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1,1,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1,2,2-Tetrachloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Tetrachloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Toluene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
trans-1,2-Dichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
trans-1,3-Dichloropropene	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
trans-1,4-Dichloro-2-butene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,2,4-Trichlorobenzene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1,1-Trichloroethane	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,1,2-Trichloroethane	< 2.0	ug/l	2.0	0.2	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Trichloroethene	< 2.0	ug/l	2.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Trichlorofluoromethane	< 5.0	ug/l	5.0	0.3	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Vinyl Acetate	< 10.0	ug/l	10.0	1.1	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Vinyl Chloride	< 2.0	ug/l	2.0	0.4	12/11/06	13:51	DJW	SW-846 8260B	VOA121106
Xylenes, Total	< 5.0	ug/l	5.0	0.7	12/11/06	13:51	DJW	SW-846 8260B	VOA121106

QUALITY ASSURANCE SUMMARY

CALIBRATION VERIFICATION

Analyte	Units	Type	True	Found	% REC	QAO	Run ID
Arsenic	ug/l	ICV1	1000	1026	102.6	90-110%	121406TR
Arsenic	ug/l	CCV1	500	505	101.0	90-110%	121406TR
Arsenic	ug/l	LCSW	50.0	42.2	84.4	80-120%	121406TR
Barium	ug/l	ICV1	1000	1026	102.6	90-110%	121406TR
Barium	ug/l	CCV1	500	498	99.5	90-110%	121406TR
Barium	ug/l	LCSW	10.0	10.0	100.4	80-120%	121406TR
Cadmium	ug/l	ICV1	1000	1024	102.4	90-110%	121406TR
Cadmium	ug/l	CCV1	500	498	99.5	90-110%	121406TR
Cadmium	ug/l	LCSW	25.0	25.3	101.4	80-120%	121406TR
Chromium	ug/l	ICV1	1000	1023	102.3	90-110%	121406TR
Chromium	ug/l	CCV1	500	498	99.6	90-110%	121406TR
Chromium	ug/l	LCSW	50.0	51.1	102.3	80-120%	121406TR
Cobalt	ug/l	ICV1	1000	1017	101.7	90-110%	121406TR
Cobalt	ug/l	CCV1	500	490	98.0	90-110%	121406TR
Cobalt	ug/l	LCSW	250	253	101.1	80-120%	121406TR
Lead	ug/l	ICV1	1000	1013	101.3	90-110%	121406TR
Lead	ug/l	CCV1	500	498	99.7	90-110%	121406TR
Lead	ug/l	LCSW	250	254	101.5	80-120%	121406TR
Nickel	ug/l	ICV1	1000	1051	105.1	90-110%	121406TR
Nickel	ug/l	CCV1	500	490	98.0	90-110%	121406TR
Nickel	ug/l	LCSW	250	251	100.3	80-120%	121406TR
Selenium	ug/l	ICV1	2000	2004	100.2	90-110%	121406T2
Selenium	ug/l	CCV1	500	514	102.8	90-110%	121406T2
Selenium	ug/l	LCSW	25.0	22.1	88.3	80-120%	121406T2
Silver	ug/l	ICV1	500	478	95.6	90-110%	121406TR
Silver	ug/l	CCV1	250	242	96.6	90-110%	121406TR
Silver	ug/l	LCSW	100	95.6	95.6	80-120%	121406TR
Vanadium	ug/l	ICV1	1000	1014	101.4	90-110%	121406TR
Vanadium	ug/l	CCV1	1000	979	97.9	90-110%	121406TR
Vanadium	ug/l	LCSW	100	100	100.5	80-120%	121406TR
Mercury	ug/l	ICV1	5.00	4.88	97.6	80-120%	120406CV
Mercury	ug/l	CCV1	5.00	4.98	99.6	80-120%	120406CV
Mercury	ug/l	LCSW	5.00	5.29	105.8	80-120%	120406CV
Acetonitrile	ug/l	CCV1211	200	223	111.5	50-150%	VOA121106
Acrolein	ug/l	CCV1211	100	92.1	92.1	25-175%	VOA121106
Acrylonitrile	ug/l	CCV1211	20.0	19.6	98.0	70-130%	VOA121106
Allyl Chloride	ug/l	CCV1211	20.0	21.4	107.0	75-125%	VOA121106
Benzene	ug/l	CCV1211	20.0	19.7	98.5	75-125%	VOA121106
Benzene	ug/l	LCS1211	20.0	19.9	99.5	76-127%	VOA121106
Bromochloromethane	ug/l	CCV1211	20.0	22.8	114.0	75-125%	VOA121106
Bromodichloromethane	ug/l	CCV1211	20.0	20.2	101.0	75-125%	VOA121106
Bromoform	ug/l	CCV1211	20.0	19.3	96.5	75-125%	VOA121106
Bromomethane	ug/l	CCV1211	20.0	19.3	96.5	75-125%	VOA121106
2-Butanone	ug/l	CCV1211	100	127	127.0	50-150%	VOA121106
Carbon Disulfide	ug/l	CCV1211	20.0	21.9	109.5	75-125%	VOA121106

QUALITY ASSURANCE SUMMARY
Continued

CALIBRATION VERIFICATION

Analyte	Units	Type	True	Found	% REC	QAO	Run ID
Carbon Tetrachloride	ug/l	CCV1211	20.0	20.3	101.5	75-125%	VOA121106
Chlorobenzene	ug/l	CCV1211	20.0	20.2	101.0	75-125%	VOA121106
Chlorobenzene	ug/l	LCS1211	20.0	20.2	101.0	75-130%	VOA121106
Chloroethane	ug/l	CCV1211	20.0	20.2	101.0	75-125%	VOA121106
Chloroethane	ug/l	LCS1211	20.0	20.5	102.5	50-150%	VOA121106
Chloroform	ug/l	CCV1211	20.0	19.5	97.5	75-125%	VOA121106
Chloromethane	ug/l	CCV1211	20.0	22.9	114.5	75-125%	VOA121106
Chloroprene	ug/l	CCV1211	20.0	21.1	105.5	75-125%	VOA121106
cis-1,2-Dichloroethene	ug/l	CCV1211	20.0	21.4	107.0	75-125%	VOA121106
cis-1,3-Dichloropropene	ug/l	CCV1211	20.0	20.4	102.0	75-125%	VOA121106
Dibromochloromethane	ug/l	CCV1211	20.0	21.8	109.0	75-125%	VOA121106
Dibromomethane	ug/l	CCV1211	20.0	19.9	99.5	75-125%	VOA121106
1,3-Dichlorobenzene	ug/l	CCV1211	20.0	18.6	93.0	75-125%	VOA121106
1,4-Dichlorobenzene	ug/l	CCV1211	20.0	19.9	99.5	75-125%	VOA121106
1,2-Dichlorobenzene	ug/l	CCV1211	20.0	20.1	100.5	75-125%	VOA121106
1,4-Dichlorobenzene	ug/l	LCS1211	20.0	20.4	102.0	75-125%	VOA121106
1,2-Dichlorobenzene	ug/l	LCS1211	20.0	20.6	103.0	75-125%	VOA121106
Dichlorodifluoromethane	ug/l	CCV1211	20.0	25.3	126.5	50-150%	VOA121106
1,1-Dichloroethane	ug/l	CCV1211	20.0	21.0	105.0	75-125%	VOA121106
1,2-Dichloroethane	ug/l	CCV1211	20.0	19.3	96.5	75-125%	VOA121106
1,1-Dichloroethene	ug/l	CCV1211	20.0	20.8	104.0	75-125%	VOA121106
1,1-Dichloroethene	ug/l	LCS1211	20.0	20.3	101.5	61-145%	VOA121106
2,2-Dichloropropane	ug/l	CCV1211	20.0	23.1	115.5	75-125%	VOA121106
1,2-Dichloropropane	ug/l	CCV1211	20.0	20.1	100.5	75-125%	VOA121106
1,3-Dichloropropane	ug/l	CCV1211	20.0	20.3	101.5	75-125%	VOA121106
1,1-Dichloropropene	ug/l	CCV1211	20.0	19.9	99.5	75-125%	VOA121106
Ethyl Methacrylate	ug/l	CCV1211	20.0	21.7	108.5	75-125%	VOA121106
Ethylbenzene	ug/l	CCV1211	20.0	20.3	101.5	75-125%	VOA121106
Hexachlorobutadiene	ug/l	CCV1211	20.0	18.4	92.0	75-125%	VOA121106
2-Hexanone	ug/l	CCV1211	100	101	101.0	75-125%	VOA121106
Iodomethane	ug/l	CCV1211	20.0	22.5	112.5	75-125%	VOA121106
Isobutanol	ug/l	CCV1211	400	499	124.8	50-150%	VOA121106
Methacrylonitrile	ug/l	CCV1211	200	197	98.5	50-150%	VOA121106
Methyl Methacrylate	ug/l	CCV1211	200	210	105.0	75-125%	VOA121106
4-Methyl-2-pentanone	ug/l	CCV1211	100	102	102.0	75-125%	VOA121106
Methylene Chloride	ug/l	CCV1211	20.0	20.1	100.5	75-125%	VOA121106
Naphthalene	ug/l	CCV1211	20.0	16.0	80.0	60-140%	VOA121106
Propionitrile	ug/l	CCV1211	200	208	104.0	50-150%	VOA121106
Styrene	ug/l	CCV1211	20.0	21.7	108.5	75-125%	VOA121106
1,1,1,2-Tetrachloroethane	ug/l	CCV1211	20.0	21.1	105.5	75-125%	VOA121106
1,1,2,2-Tetrachloroethane	ug/l	CCV1211	20.0	20.9	104.5	75-125%	VOA121106
Tetrachloroethene	ug/l	CCV1211	20.0	20.6	103.0	75-125%	VOA121106
Toluene	ug/l	CCV1211	20.0	19.7	98.5	75-125%	VOA121106
Toluene	ug/l	LCS1211	20.0	19.3	96.5	76-125%	VOA121106
trans-1,2-Dichloroethene	ug/l	CCV1211	20.0	20.8	104.0	75-125%	VOA121106

QUALITY ASSURANCE SUMMARY
Continued

CALIBRATION VERIFICATION

Analyte	Units	Type	True	Found	% REC	QAO	Run ID
trans-1,3-Dichloropropene	ug/l	CCV1211	20.0	21.1	105.5	75-125%	VOA121106
trans-1,4-Dichloro-2-butene	ug/l	CCV1211	20.0	20.3	101.5	75-125%	VOA121106
1,2,4-Trichlorobenzene	ug/l	CCV1211	20.0	14.8	74.0	75-125%	VOA121106
1,1,1-Trichloroethane	ug/l	CCV1211	20.0	20.0	100.0	75-125%	VOA121106
1,1,2-Trichloroethane	ug/l	CCV1211	20.0	20.4	102.0	75-125%	VOA121106
Trichloroethene	ug/l	CCV1211	20.0	19.7	98.5	75-125%	VOA121106
Trichloroethene	ug/l	LCS1211	20.0	19.6	98.0	71-120%	VOA121106
Trichlorofluoromethane	ug/l	CCV1211	20.0	19.7	98.5	75-125%	VOA121106
1,2,3-Trichloropropane	ug/l	CCV1211	20.0	24.3	121.5	75-125%	VOA121106
Vinyl Acetate	ug/l	CCV1211	100	116	116.0	75-125%	VOA121106
Vinyl Chloride	ug/l	CCV1211	20.0	21.8	109.0	75-125%	VOA121106
Xylene, m & p-	ug/l	CCV1211	40.0	40.6	101.5	75-125%	VOA121106
Xylene, o-	ug/l	CCV1211	20.0	21.5	107.5	75-125%	VOA121106
Chloride	mg/l	CCV1	25.0	22.6	90.4	90-110%	ICL120706
Chloride	mg/l	CCV2	25.0	22.5	90.0	90-110%	ICL120706
Chloride	mg/l	CCV3	25.0	22.6	90.4	90-110%	ICL120706
Chloride	mg/l	CCV1	25.0	22.5	90.0	90-110%	ICL121106
Chloride	mg/l	LCSW	10.0	9.29	92.9	90-110%	ICL121106
Chloride	mg/l	CCV2	25.0	22.9	91.6	90-110%	ICL121106

BLANKS

ANALYTE	UNITS	TYPE	FOUND	QAO	RUN ID
Arsenic	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Arsenic	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Arsenic	ug/l	PBW	<5.00	<5 ug/l	121406TR
Barium	ug/l	ICB1	<1.00	<1.00 ug/l	121406TR
Barium	ug/l	CCB1	<1.00	<1.00 ug/l	121406TR
Barium	ug/l	PBW	<1.00	<1 ug/l	121406TR
Cadmium	ug/l	ICB1	<1.00	<1.00 ug/l	121406TR
Cadmium	ug/l	CCB1	<1.00	<1.00 ug/l	121406TR
Cadmium	ug/l	PBW	<1.00	<1 ug/l	121406TR
Chromium	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Chromium	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Chromium	ug/l	PBW	<5.00	<5 ug/l	121406TR
Cobalt	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Cobalt	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Cobalt	ug/l	PBW	<5.00	<5 ug/l	121406TR
Lead	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Lead	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Lead	ug/l	PBW	<5.00	<5 ug/l	121406TR
Nickel	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Nickel	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Nickel	ug/l	PBW	<5.00	<5 ug/l	121406TR

QUALITY ASSURANCE SUMMARY
Continued

BLANKS

ANALYTE	UNITS	TYPE	FOUND	QAO	RUN ID
Selenium	ug/l	ICB1	<5.00	<5.00 ug/l	121406T2
Selenium	ug/l	CCB1	<5.00	<5.00 ug/l	121406T2
Selenium	ug/l	PBW	<5.00	<5 ug/l	121406T2
Silver	ug/l	ICB1	<2.00	<2.00 ug/l	121406TR
Silver	ug/l	CCB1	<2.00	<2.00 ug/l	121406TR
Silver	ug/l	PBW	<2.00	<2 ug/l	121406TR
Vanadium	ug/l	ICB1	<5.00	<5.00 ug/l	121406TR
Vanadium	ug/l	CCB1	<5.00	<5.00 ug/l	121406TR
Vanadium	ug/l	PBW	<5.00	<5 ug/l	121406TR
Mercury	ug/l	ICB1	<0.200	<0.2 ug/l	120406CV
Mercury	ug/l	CCB1	<0.200	<0.2 ug/l	120406CV
Mercury	ug/l	PBW	<0.200	<0.2 ug/l	120406CV
Acetone	ug/l	CCB1211	<25.0	<25.0 ug/l	VOA121106
Acetonitrile	ug/l	CCB1211	<20.0	<20.0 ug/l	VOA121106
Acrolein	ug/l	CCB1211	<10.0	<10.0 ug/l	VOA121106
Acrylonitrile	ug/l	CCB1211	<10.0	<10.0 ug/l	VOA121106
Allyl Chloride	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Benzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Bromochloromethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Bromodichloromethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Bromoform	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Bromomethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
2-Butanone	ug/l	CCB1211	J1.60	<10.0 ug/l	VOA121106
Carbon Disulfide	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Carbon Tetrachloride	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chlorobenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chloroform	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chloromethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chloroprene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
cis-1,2-Dichloroethene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
cis-1,3-Dichloropropene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Dibromochloromethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Dibromomethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,3-Dichlorobenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,4-Dichlorobenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,2-Dichlorobenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Dichlorodifluoromethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1-Dichloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,2-Dichloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1-Dichloroethene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
2,2-Dichloropropane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,2-Dichloropropane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,3-Dichloropropane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1-Dichloropropene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106

QUALITY ASSURANCE SUMMARY
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BLANKS

ANALYTE	UNITS	TYPE	FOUND	QAO	RUN ID
Ethyl Methacrylate	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Ethylbenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Hexachlorobutadiene	ug/l	CCB1211	<5.00	<5.0 ug/l	VOA121106
2-Hexanone	ug/l	CCB1211	<10.0	<10.0 ug/l	VOA121106
Iodomethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Isobutanol	ug/l	CCB1211	<100.0	<100.0 ug/l	VOA121106
Methacrylonitrile	ug/l	CCB1211	<20.0	<20.0 ug/l	VOA121106
Methyl Methacrylate	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
4-Methyl-2-pentanone	ug/l	CCB1211	<10.0	<10.0 ug/l	VOA121106
Methylene Chloride	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Naphthalene	ug/l	CCB1211	J1.60	<2.0 ug/l	VOA121106
Propionitrile	ug/l	CCB1211	<20.0	<20.0 ug/l	VOA121106
Styrene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1,1,2-Tetrachloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1,2,2-Tetrachloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Tetrachloroethene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Toluene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
trans-1,2-Dichloroethene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
trans-1,3-Dichloropropene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
trans-1,4-Dichloro-2-butene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,2,4-Trichlorobenzene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1,1-Trichloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
1,1,2-Trichloroethane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Trichloroethene	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Trichlorofluoromethane	ug/l	CCB1211	<5.00	<5.0 ug/l	VOA121106
1,2,3-Trichloropropane	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Vinyl Acetate	ug/l	CCB1211	<10.0	<10.0 ug/l	VOA121106
Vinyl Chloride	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Xylene, m & p-	ug/l	CCB1211	<5.00	<5.0 ug/l	VOA121106
Xylene, o-	ug/l	CCB1211	<2.00	<2.0 ug/l	VOA121106
Chloride	mg/l	CCB1	<1.00	<1.00 mg/l	ICL120706
Chloride	mg/l	CCB1	<1.00	<1.00 mg/l	ICL120706
Chloride	mg/l	CCB2	<1.00	<1.00 mg/l	ICL120706
Chloride	mg/l	CCB3	<1.00	<1.00 mg/l	ICL120706
Chloride	mg/l	CCB1	<1.00	<1.00 mg/l	ICL121106
Chloride	mg/l	CCB2	<1.00	<1.00 mg/l	ICL121106

DUPLICATES

LAB ID	ANALYTE	TYPE	SAMPLE	DUP	UNITS	RPD	QAO	RUN ID
309487	Mercury	DUP	<0.200	<0.200	ug/l	NC	≤20 RPD	120406CV
309522	Mercury	DUP	<0.200	<0.200	ug/l	NC	≤20 RPD	120406CV
309522	Selenium	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406T2
309522	Arsenic	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR

QUALITY ASSURANCE SUMMARY
Continued

DUPLICATES

LAB ID	ANALYTE	TYPE	SAMPLE	DUP	UNITS	RPD	QAO	RUN ID
309522	Barium	DUP	76.1	76.2	ug/l	0.1	≤20 RPD	121406TR
309522	Cadmium	DUP	<1.00	<1.00	ug/l	NC	≤20 RPD	121406TR
309522	Chromium	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR
309522	Lead	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR
309522	Silver	DUP	<2.00	<2.00	ug/l	NC	≤20 RPD	121406TR
309604	Cobalt	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR
309604	Nickel	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR
309604	Vanadium	DUP	<5.00	<5.00	ug/l	NC	≤20 RPD	121406TR
309522	Chloride	DUP	72.8	74.5	mg/l	2.31	<20 RPD	ICL121106
309522	Benzene	MSD	94.0	97.5	% REC	3.7	<11 RPD	VOA121106
309522	Chlorobenzene	MSD	92.8	101.3	% REC	8.8	<13 RPD	VOA121106
309522	Chloroethane	MSD	109.5	118.2	% REC	0.5	<15 RPD	VOA121106
309522	1,2-Dichlorobenzene	MSD	96.5	108.4	% REC	11.7	<15 RPD	VOA121106
309522	1,4-Dichlorobenzene	MSD	91.5	111.7	% REC	11.8	<15 RPD	VOA121106
309522	1,1-Dichloroethene	MSD	95.0	103.5	% REC	8.6	<14 RPD	VOA121106
309522	Toluene	MSD	92.0	97.0	% REC	5.3	<13 RPD	VOA121106
309522	Trichloroethene	MSD	93.0	96.0	% REC	3.2	<14 RPD	VOA121106

SPIKES

LAB ID	ANALYTE	TYPE	SAMPLE	SPK	ADDED	%REC	QAO	RUN ID
309487	Mercury	MS	<0.200	1.18	1.00	118.0	75-125%	120406CV
309522	Mercury	MS	<0.200	10.7	10.0	107.0	75-125%	120406CV
309522	Selenium	MS	<5.00	48.8	50.0	97.5	75-125%	121406T2
309522	Arsenic	MS	<5.00	47.1	50.0	94.2	75-125%	121406TR
309522	Barium	MS	76.1	1933	2000	92.8	75-125%	121406TR
309522	Cadmium	MS	<1.00	46.2	50.0	92.3	75-125%	121406TR
309522	Chromium	MS	<5.00	185.1	200.0	92.5	75-125%	121406TR
309522	Lead	MS	<5.00	46.5	50.0	93.0	75-125%	121406TR
309522	Silver	MS	<2.00	45.2	50.0	90.4	75-125%	121406TR
309604	Cobalt	MS	<5.00	459.3	500.0	91.9	75-125%	121406TR
309604	Nickel	MS	<5.00	458.7	500.0	91.7	75-125%	121406TR
309604	Vanadium	MS	<5.00	480.7	500.0	96.1	75-125%	121406TR
309522	Chloride	MS	72.8	167.0	100.0	94.2	80-120%	ICL121106
309522	Benzene	MS	J1.10	19.9	20.0	94.0	76-127%	VOA121106
309522	Chlorobenzene	MS	3.74	22.3	20.0	92.8	75-130%	VOA121106
309522	Chloroethane	MS	2.60	24.5	20.0	109.5	70-130%	VOA121106
309522	1,2-Dichlorobenzene	MS	J1.50	19.3	20.0	96.5	70-130%	VOA121106
309522	1,4-Dichlorobenzene	MS	11.0	29.3	20.0	91.5	75-125%	VOA121106
309522	1,1-Dichloroethene	MS	<2.00	19.0	20.0	95.0	61-145%	VOA121106
309522	Toluene	MS	<2.00	18.4	20.0	92.0	76-125%	VOA121106
309522	Trichloroethene	MS	<2.00	18.6	20.0	93.0	71-120%	VOA121106

QUALITY ASSURANCE SUMMARY
Continued

SURROGATES

LAB ID	CLIENT ID	ANALYTE	%REC	QAO	DATE	RUN ID
309518	MW-1	Bromofluorobenzene	95.8	86-115%	12/11/06	VOA121106
309518	MW-1	Dibromofluoromethane	104.6	86-118%	12/11/06	VOA121106
309518	MW-1	1,2-Dichloroethane-d4	92.8	76-114%	12/11/06	VOA121106
309518	MW-1	Toluene-d8	99.2	88-110%	12/11/06	VOA121106
309519	MW-2	Bromofluorobenzene	97.4	86-115%	12/11/06	VOA121106
309519	MW-2	Dibromofluoromethane	101.8	86-118%	12/11/06	VOA121106
309519	MW-2	1,2-Dichloroethane-d4	96.0	76-114%	12/11/06	VOA121106
309519	MW-2	Toluene-d8	98.4	88-110%	12/11/06	VOA121106
309520	MW-3	Bromofluorobenzene	96.4	86-115%	12/11/06	VOA121106
309520	MW-3	Dibromofluoromethane	100.2	86-118%	12/11/06	VOA121106
309520	MW-3	1,2-Dichloroethane-d4	99.2	76-114%	12/11/06	VOA121106
309520	MW-3	Toluene-d8	98.4	88-110%	12/11/06	VOA121106
309521	MW-4	Bromofluorobenzene	97.0	86-115%	12/11/06	VOA121106
309521	MW-4	Dibromofluoromethane	101.2	86-118%	12/11/06	VOA121106
309521	MW-4	1,2-Dichloroethane-d4	98.6	76-114%	12/11/06	VOA121106
309521	MW-4	Toluene-d8	98.2	88-110%	12/11/06	VOA121106
309522	MW-5	Bromofluorobenzene	95.6	86-115%	12/11/06	VOA121106
309522	MW-5	Dibromofluoromethane	100.6	86-118%	12/11/06	VOA121106
309522	MW-5	1,2-Dichloroethane-d4	94.6	76-114%	12/11/06	VOA121106
309522	MW-5	Toluene-d8	97.4	88-110%	12/11/06	VOA121106
309522MS	MW-5	Bromofluorobenzene	98.6	86-115%	12/11/06	VOA121106
309522MS	MW-5	Dibromofluoromethane	99.6	86-118%	12/11/06	VOA121106
309522MS	MW-5	1,2-Dichloroethane-d4	96.4	76-114%	12/11/06	VOA121106
309522MS	MW-5	Toluene-d8	99.2	88-110%	12/11/06	VOA121106
309522MSD	MW-5	Bromofluorobenzene	102.6	86-115%	12/11/06	VOA121106
309522MSD	MW-5	Dibromofluoromethane	101.6	86-118%	12/11/06	VOA121106
309522MSD	MW-5	1,2-Dichloroethane-d4	95.6	76-114%	12/11/06	VOA121106
309522MSD	MW-5	Toluene-d8	99.4	88-110%	12/11/06	VOA121106
309523	MW-6	Bromofluorobenzene	98.2	86-115%	12/11/06	VOA121106
309523	MW-6	Dibromofluoromethane	101.4	86-118%	12/11/06	VOA121106
309523	MW-6	1,2-Dichloroethane-d4	98.6	76-114%	12/11/06	VOA121106
309523	MW-6	Toluene-d8	97.6	88-110%	12/11/06	VOA121106
309524	SS-1	Bromofluorobenzene	97.6	86-115%	12/11/06	VOA121106
309524	SS-1	Dibromofluoromethane	104.2	86-118%	12/11/06	VOA121106
309524	SS-1	1,2-Dichloroethane-d4	100.6	76-114%	12/11/06	VOA121106
309524	SS-1	Toluene-d8	98.4	88-110%	12/11/06	VOA121106
309525	SS-2	Bromofluorobenzene	98.6	86-115%	12/11/06	VOA121106
309525	SS-2	Dibromofluoromethane	101.8	86-118%	12/11/06	VOA121106
309525	SS-2	1,2-Dichloroethane-d4	100.6	76-114%	12/11/06	VOA121106
309525	SS-2	Toluene-d8	98.8	88-110%	12/11/06	VOA121106
309526	EQUIPMENT BLANK	Bromofluorobenzene	97.8	86-115%	12/11/06	VOA121106
309526	EQUIPMENT BLANK	Dibromofluoromethane	101.2	86-118%	12/11/06	VOA121106
309526	EQUIPMENT BLANK	1,2-Dichloroethane-d4	97.0	76-114%	12/11/06	VOA121106
309526	EQUIPMENT BLANK	Toluene-d8	96.8	88-110%	12/11/06	VOA121106
309527	TRIP BLANK	Bromofluorobenzene	96.6	86-115%	12/11/06	VOA121106

QUALITY ASSURANCE SUMMARY
Continued

SURROGATES

LAB ID	CLIENT ID	ANALYTE	%REC	QAO	DATE	RUN ID
309527	TRIP BLANK	Dibromofluoromethane	100.0	86-118%	12/11/06	VOA121106
309527	TRIP BLANK	1,2-Dichloroethane-d4	97.0	76-114%	12/11/06	VOA121106
309527	TRIP BLANK	Toluene-d8	97.6	88-110%	12/11/06	VOA121106
CCB1211		Bromofluorobenzene	95.6	86-115%	12/11/06	VOA121106
CCB1211		Dibromofluoromethane	101.0	86-118%	12/11/06	VOA121106
CCB1211		1,2-Dichloroethane-d4	97.0	76-114%	12/11/06	VOA121106
CCB1211		Toluene-d8	99.4	88-110%	12/11/06	VOA121106
CCV1211		Bromofluorobenzene	98.2	86-115%	12/11/06	VOA121106
CCV1211		Dibromofluoromethane	100.0	86-118%	12/11/06	VOA121106
CCV1211		1,2-Dichloroethane-d4	97.6	76-114%	12/11/06	VOA121106
CCV1211		Toluene-d8	98.4	88-110%	12/11/06	VOA121106
LCS1211		Bromofluorobenzene	96.2	86-115%	12/11/06	VOA121106
LCS1211		Dibromofluoromethane	100.4	86-118%	12/11/06	VOA121106
LCS1211		1,2-Dichloroethane-d4	95.8	76-114%	12/11/06	VOA121106
LCS1211		Toluene-d8	99.0	88-110%	12/11/06	VOA121106

QAO: Quality Assurance Objective; REC: Recovery; RPD: Relative Percent Difference; NC: Not calculatable.
DUP: Duplicate Analysis Result; SPK: Spiked Analysis Result; MS: Matrix SPK; MSD: Matrix SPK Duplicate.
For Duplicates <5X the Quantitation Limit (QL), ± DL shall apply for the QAO unless otherwise specified.

PROCHEM Analytical Incorporated
1405 Municipal Road
Roanoke, VA 24012
ProChemAnalytical.com

GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-1	**Prochem ID:**	410610-01
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B11.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	None Found	-	-	-	-

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-2	**Prochem ID:**	410610-02
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B12.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	Ethyl ether	6.543		60-29-7	12
2	Silane, methoxytrimethyl-	7.676		1825-61-2	10
3	Cyclotetrasiloxane, octamethyl-	17.124		556-67-2	30

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-3	**Prochem ID:**	410610-03
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B13.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identifled Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	Silane, methoxytrimethyl-	7.671		1825-61-2	7
2	Benzoic acid, 5-methyl-2-trimethylsilyloxy-, trimet	17.118		1000153-59-4	18
3	Benzeneethanamine, N-[(pentafluorophenyl)methylene	19.621		55429-85-1	10

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-4	**Prochem ID:**	410610-04
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B14.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	Ethyl ether	6.539		60-29-7	15
2	Silane, methoxytrimethyl-	7.672		1825-61-2	12
3	Cyclotetrasiloxane, octamethyl-	17.12		556-67-2	5
4	Silanol, trimethyl-, nitrate	23.179		18026-82-9	5

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-5	**Prochem ID:**	410610-05
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B18.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	Ethyl ether	6.53	90	60-29-7	11

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	MW-6	**Prochem ID:**	410610-06
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B15.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	None Found				

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	SS-1	**Prochem ID:**	410610-07
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B16.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	None Found				

* Target analytes and QC components are excluded from the 'TICs'

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GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	SS-2	**Prochem ID:**	410610-08
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B17.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	None Found				

* Target analytes and QC components are excluded from the 'TICs'

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ProChemAnalytical.com

GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	Equipment Blank	**Prochem ID:**	410610-09
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B09.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	1-ethyl-3-methyl-Benzene	18.55	95	620-14-4	7

* Target analytes and QC components are excluded from the 'TICs'

PROCHEM Analytical Incorporated
1405 Municipal Road
Roanoke, VA 24012
ProChemAnalytical.com

GCMS TENTATIVELY IDENTIFIED COMPOUNDS (TIC) SEARCH REPORT

Sample ID:	Trip Blank	**Prochem ID:**	410610-10
Company Name:	D&D CASWELL COUNTY	**Purge Volume:**	10
Data File:	V1211B10.D	**Matrix:**	Water
Analysis Date:	12/11/2006	**Dilution:**	1
Analyst:	DHOUCHINS		

Tentatively Identified Volatile Compounds

Hit	Compound Name	RT (min)	Qual. (%)	CAS No.	Estimated Sample Conc. (ug/L)
1	None Found				

* Target analytes and QC components are excluded from the 'TICs'

ProChem Analytical Incorporated
1405 Municipal Road
Roanoke, VA 24012
Phone (540) 265-7211
FAX (540) 563-4866

309518-309527

Order # 410610

Analytical Request and Chain of Custody Form

Page 1 of 2
Is Order Complete? ☒ Yes ☐ No

Please Print. See Chain of Custody Instructions for additional help with corresponding numbers.

1. Mail Report to:			
Company Name:	Dewberry		
Attention:	Mr. / Ms. Patrick Wales		
Address:	551 Piney Forest Rd		
City, State, Zip:	Danville, VA 24540		
Telephone:	434-797-4497	FAX:	434-797-4341
Email:	Pwales@dewberry.com		

2. Bill to:			
Company Name:	Dewberry		
Attention:	Mr. / Ms. Patrick Wales		
Address:			
City, State, Zip:			
Telephone:			
Purchase Order No.:		Quotation No.:	

3. Turn Around Time Request
☒ Standard Business Day
☐ 3-4 Business Day Rush
☐ 2 Business Day Rush

Note: All rush turn around times are subject to ProChem Analytical approval and additional fees.

Lab ID # (LAB USE ONLY)	pH at Receipt in Lab (S.U.)	4. Project Name	5. Sample Location or ID	6. Sample Type (Check One) Composite	Composite of Grabs	Grab	7. Collection Dates/Times: Composite Begin Date / Time	Composite End Date / Time	Grab Date(s) / Time(s)	8. Matrix (See Key Below)	9. Container Type (Plastic/Glass/Other)	10. # of Containers	11. Preservative (See Key Below)	12. Requested Analyses
		Caswell County Landfill 2nd Semi Annual	MW-1			X			11/30/06 0900	GW		4		Appendix I 8260/RCRA 8 metals + Chloride
			MW-2			X			11/30/06 0930					"
			MW-3			X			11/30/06 1050					
			MW-4			X			11/30/06 0932					
			MW-5 (MS/MSD)			X			11/30/06 1003					
			MW-6			X			11/30/06 1106	GW				
			~~Stw-1~~ SS-1			X			11/30/06 1110	SU				
			~~Stw-2~~ SS-2			X			11/30/06 1056	SU		4		Appendix I 8260/RCRA 8 metals + Chloride

Matrix Key:
DW = Drinking Water; GW = Groundwater; LE = Leachate; LI = Liquid; OI = Oil; OT = Other; SL = Sludge; SO = Soil; ST = Storm Water; SU = Surface Water; SD = Solid; WW = Wastewater

Preservative Key:
None = No Preservative; H_2SO_4 = Sulfuric Acid; HNO_3 = Nitric Acid; HCl = Hydrochloric Acid; NaOH = Sodium Hydroxide; $(CH_3CO_2)_2ZN$ = Zinc Acetate; $C_{10}H_{14}O_8N_2Na_2$ = EDTA; $Na_2S_2O_3$ = Sodium Thiosulfate

13. QA/QC Package Request (please circle one): I II III IV V (Custom)

14. Request for Additional Reporting (please check all that apply):
☐ via Fax (extra fee after 1st fax) ☒ via Email (no extra fee) ☐ via CD-ROM (extra fee)

15. Comments:

16. Sampler(s) (Printed Name and Signature): Troy Shelton

17. Relinquished by (Signature):	Date/Time	18. Received by (Signature):	Date/Time
Troy Shelton	12/1/06 0950		12/1/06 0850
17. Relinquished by (Signature):	Date/Time	18. Received by (Signature):	Date/Time
			12/1/06 1400
17. Relinquished by (Signature):	Date/Time	18. Received by (Signature):	Date/Time

Shipped Via: ☐ Personnel ☒ Client Courier ☐ UPS ☐ FedEx ☐ Airborne ☐ USPS ☐ Other

pH Log

PROCHEM Analytical Incorporated
Environmental Testing Services

Project: Caswell County LF Job No.: Client: Dewberry & Davis

Received Date	Int.	Client Field ID	FOXPRO Lab ID No.	LIMS Lab ID No.	Sample Description	(°C) Temp.	5.1 8260	RCRA 8 Tim	IC						Problems
12-1-06	VP	MW-1	309518	410610 -01	CLEAR/COLORLESS	2°	✓	<2	✓						
		MW-2	309519	-02	CLOUDY/BROWN				✓						
		MW-3	309520	-03	CLEAR/COLORLESS										
		MW-4	309521	-04	CLOUDY/BROWN										
		MW-5	309522	-05	CLEAR/COLORLESS										QC
		MW-6	309523	-06	CLOUDY/BROWN				✓						
VP 12-4-06		~~SW-1~~ SS-1	309524	-07	CLEAR/COLORLESS				✓						
		~~SW-2~~ SS-2	309525	-08					✓						
		EQUIP BLK	309526	-09					✓						
		TRIP BLANK	309527	-10			✓	/	/						

ProChem Analytical Incorporated
1405 Municipal Road
Roanoke, VA 24012
Phone (540) 265-7211
FAX (540) 563-4866

Analytical Request and Chain of Custody Form

Order # _____

Page 2 of 2
Is Order Complete? ☒ Yes ☐ No

Please Print. See Chain of Custody Instructions for additional help with corresponding numbers.

1. Mail Report to:			
Company Name:	Dewberry		
Attention:	Mr. / Ms. Patrick Wales		
Address:	551 Piney Forest Rd		
City, State, Zip:	Danville, VA 24540		
Telephone:	434-797-4997	FAX:	434-797-4341
Email:	Pwales@dewberry.com		

2. Bill to:			
Company Name:	Dewberry		
Attention:	Mr. / Ms. Patrick Wales		
Address:			
City, State, Zip:			
Telephone:			
Purchase Order No.:		Quotation No.:	

3. Turn Around Time Request
☒ Standard Business Day
☐ 3-4 Business Day Rush
☐ 2 Business Day Rush

Note: All rush turn around times are subject to ProChem Analytical approval and additional fees.

LAB USE ONLY		4. Project Name	6. Sample Type (Check One)			7. Collection Dates/Times			8. Matrix (See Key Below)	9. Container Type (Plastic/Glass/Other)	10. # of Containers	11. Preservative (See Key Below)	12. Requested Analyses
Pro Sample ID Number	pH at Receipt in Lab (S.U.)	5. Sample Location or ID	Composite	Composite of Grabs	Grab	Composite Begin Date / Time	Composite End Date / Time	Grab Date(s) / Time(s)					
		Caswell County Landfill 2nd Semi Annual											
		MS/MSD (MW-5)			X			11/30/06 1003	GW		4	Chloride	Appendix I 8260/RCRA Metals
		EQ			X			11/30/06 1200			4	↓	Appendix I 8260/RCRA Metals
		Trip Blank			X						2		VOAs

Matrix Key:
DW = Drinking Water; GW = Groundwater; LE = Leachate; LI = Liquid; OI = Oil; OT = Other; SL = Sludge; SO = Soil; ST = Storm Water; SU = Surface Water; SD = Solid; WW = Wastewater

Preservative Key:
None = No Preservative; H_2SO_4 = Sulfuric Acid; HNO_3 = Nitric Acid; HCl = Hydrochloric Acid; NaOH = Sodium Hydroxide; $(CH_3CO_2)_2ZN$ = Zinc Acetate; $C_{10}H_{14}O_8N_2Na_2$ = EDTA; $Na_2S_2O_3$ = Sodium Thiosulfate

13. QA/QC Package Request (please circle one): I II III IV V (Custom)

14. Request for Additional Reporting (please check all that apply):
☐ via Fax (extra fee after 1st fax) ☒ via Email (no extra fee) ☐ via CD-ROM (extra fee)

15. Comments:

16. Sampler(s) (Printed Name and Signature): Troy Shelton

17. Relinquished by (Signature): _____ Date/Time: 12/1/06 0950

18. Received by (Signature): _____ Date/Time: 12/1/06 0850

17. Relinquished by (Signature): _____ Date/Time: _____

18. Received by (Signature): _____ Date/Time: _____

17. Relinquished by (Signature): _____ Date/Time: _____

18. Received by (Signature): _____ Date/Time: _____

Lab Use Only
Temperature upon receipt in lab = _____ °C ☐ N/A
Samples Transported on Ice? ☐ Yes ☐ No
Project Manager: _____
Method of Shipment: ☐ PCA Personnel ☐ Client Personnel ☐ UPS ☐ FedEx ☐ Airborne ☐ USPS ☐ Other _____