Prepared for:

Wilkes County Department of Solid Waste
9219 Elkin Highway
Roaring River, North Carolina 28669

JEI Project No. 356.0900.11, Task No. 03

SECOND SEMIANNUAL GROUNDWATER MONITORING REPORT OF 2009

GERMANTOWN LANDFILL
WILKES COUNTY, NORTH CAROLINA
PERMIT NO. 97-01

April 2010

Prepared by:

JOYCE ENGINEERING, INC.

2211 West Meadowview Road, Suite 101
Greensboro, North Carolina 27407
Phone: (336) 323-0092
Fax: (336) 323-0093

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Joyce Engineering, Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Jeremey J. Kerly Phone: (336) 323-0092

E-mail: jkerly@joyceengineering.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Germantown Landfill Wilkes County	Mailing Address: 9219 Elkin Highway Roaring River, NC 28669	97-01	.0500	December 15, 2009

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Jeremey J. Kerly (Joyce Engineering, Inc.) | Project Consultant | (336) 323-0092

Facility Representative Name (Print) | Title | (Area Code) Telephone Number

Affix NC Licensed/ Professional Geologist Seal

Signature | 4-19-10 Date

2211 West Meadowview Rd. Suite 101, Greensboro, NC 27407

Facility Representative Address

C-0782

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

ENGINEERING, INC.

Waste Industry Experts

Joyce Engineering, Inc
2211 W. Meadowview Road
Suite 101
Greensboro, NC 27407

tel: 336/323-0092
fax: 336/323-0093

www.JoyceEngineering.com

April 19, 2010

Mr. Ervin Lane
Compliance Hydrogeologist
Division of Waste Management/Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: **Second Semiannual Groundwater Monitoring Report of 2009**
Germantown Landfill, Permit No. 97-01
Wilkes County, North Carolina
JEI Project No. 00356.0900.11, Task No. 03

Dear Ervin:

On behalf of Wilkes County, Joyce Engineering, Inc. (JEI) is submitting the enclosed *Second Semiannual Groundwater Monitoring Report of 2009*. This report completes the second semiannual compliance monitoring event of 2009 for Wilkes County Germantown Landfill. Research and Analytical Laboratories, Inc. (RAL) of Kernersville, NC performed the sampling on December 15, 2009 and the laboratory analyses.

Eleven inorganic and five organic constituents were detected during the December 2009 sampling event. All concentrations are reported in micrograms per liter (µg/L). Concentrations with a "J" are considered to be estimated. Concentrations with a "B" are considered to be attributed to lab or field contamination. Highlighted groundwater data was detected above the NC 2L Groundwater Standards (NC 2L), Groundwater Protection Standards (GWPS) and/or NC 2B Surface Water Standard (NC 2B) for surface water. Data in parenthesis are duplicate samples from MW-4.

Constituent	NC2L/ GWPS	Groundwater					Blanks
		MW-1	MW-2	MW-3	MW-4	MW-5	
Antimony	1.4	ND	2.3 B	3.9 B	ND (3.4 B)	1.8 B	3.5 J
Barium	2,000	168	7.6 B	18.1 B	68.6 B (64.6 B)	400	18.2 J
Cadmium	1.75	ND	0.8 J	ND	ND (ND)	ND	ND
Chromium	50	2.4 J	4.7 J	0.8 J	2.2 J (1.9 J)	8.0 J	ND
Cobalt	70	3.2 J	1.7 J	ND	12.0 (11.6)	18.8	ND
Copper	1,000	ND	2.4 B	ND	5.9 B (3.8 B)	2.9 B	2.7 J
Lead	15	ND	3.8 J	ND	5.6 J (ND)	7.5 J	ND
Nickel	100	ND	2.1 J	ND	1.3 J (1.1 J)	8.2 J	ND
Silver	17.5	ND	ND	ND	2.3 B (ND)	ND	1.6 J
Vanadium	3.5	ND	5.6 B	1.9 B	2.3 B (2.3 B)	16.6 B	5.2 J
Zinc	1,050	ND	20.5 B	8.8 B	7.4 B (ND)	29.4 B	26.5
Benzene	1	ND	ND	ND	0.2 J (0.2 J)	1.2	ND
Chlorobenzene	50	0.7 J	ND	ND	2.1 J (1.9 J)	9.6	ND
1,2-Dichlorobenzene	24	ND	ND	ND	ND(ND)	0.4 J	ND
1,4-Dichlorobenzene	1.4	ND	ND	ND	2.2 (2.0)	4.8	ND

* ND = Not detected above laboratory detection limits.

Constituent	NC2B	Surface Water			Blanks
		Downstream	Upstream	Outfall 1	
Antimony	NE	2.2 B	ND	4.6 B	3.5 J
Barium	NE	22.2 B	19.7 B	138	18.2 J
Cadmium	2	0.5 J	ND	ND	ND
Chromium	50	3.6 J	ND	1.7 J	ND
Cobalt	NE	ND	ND	4.7 J	ND
Nickel	88	ND	ND	5.4 J	ND
Silver	0.06	1.4 B	2.2 B	ND	1.6 J
Vanadium	NE	ND	ND	0.6 B	5.2 J
Zinc	50	30.8 B	11.2 B	ND	26.5
Benzene	NE	ND	ND	0.4 J	ND
Chlorobenzene	NE	ND	ND	2.6 J	ND
1,4-Dichlorobenzene	NE	ND	ND	1.8	ND
Xylenes	NE	ND	ND	1.2 J	ND

1. ND = Not detected above laboratory detection limits.
2. NE = Not established.

Historical results can be found in the *Table* section of the report. The December 2009 results can be found in the *Laboratory Report and Field Data* section.

The Germantown facility will continue monitoring for the NC Appendix I list of constituents. If you have any questions, please feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.

Jeremey J. Kerly, P.G.
Project Consultant

Attachments

Table
Summary of Historically Detected Constituents

Laboratory Report and Field Data

Enclosure

C: Kent Brandon - Wilkes County, Solid Waste Director (2 copies)
File

Table

Summary of Historically Detected Constituents

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																					
		DL	RL	Groundwater										Surface Water								Blanks	
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2			
Antimony	28-Nov-07	1.2	6.0	ND		ND		3.1	J	ND (2.8 J)		ND		ND		ND		1.7	J	NS		ND	
GWPS = 1.4 µg/L (10/23/07)	21-Apr-08	1.2	6.0	1.2	B	ND		1.2	B	ND (ND)		ND		4.1	B	ND		1.9	B	NS		1.3	J
NC 2B = NE (03/28/08)	22-Dec-08	1.2	6.0	ND		1.3	J	3.7 (ND)	J	ND		ND		ND		1.5	J	ND		NS		ND	
	23-Jun-09	1.2	6.0	5.9	J	2.3 (5.3 J)	J	ND		ND		ND		2.5	J	2.9	J	3.6	J	NS		ND	
	15-Dec-09	1.2	6.0	ND		2.3	B	3.9	B	ND (3.4 B)		1.8	B	2.2	B	ND		4.6	B	NS		3.5	J
Arsenic	19-Jun-07	5.5	10.0	ND		ND		8.2	J	ND		ND (ND)		7.7	J	ND		ND		NS		ND	
NC 2L = 50 µg/L (10/23/07)	28-Nov-07	5.5	10.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	
NC 2B = 50 µg/L (03/28/08)	21-Apr-08	5.5	10.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	
	22-Dec-08	5.5	10.0	ND		ND		ND (ND)		ND		ND		ND		ND		ND		NS		ND	
	23-Jun-09	5.5	10.0	ND		6.3 (ND)	J	ND		ND		ND		ND		ND		ND		NS		ND	
	15-Dec-09	5.5	10.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	
Barium	Apr-93	NR	10	177		220		159		ND		121		ND		166		5600		799		NA	
	Sep-93	NR	250	ND		1940		ND		ND		ND		ND		ND		NS		NS		NA	
	Apr-94	NR	250	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Oct-94	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		567		NA	
	Apr-95	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	500	ND		ND		ND		ND		1040		ND		ND		ND		NS		ND	
	Mar-97	NR	500	ND		ND		ND		ND		531		ND		ND		ND		NS		ND	
	Sep-97	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	500	ND		ND		ND		ND		520		ND		ND		ND		NS		ND	
	Sep-98	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	500	ND		ND		ND		ND		549		ND		ND		ND		NS		ND	
	May-00	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	500	ND		ND		ND		ND		507		ND		ND		ND		NS		ND	
	Mar-01	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	500	ND		ND		ND		ND		566		ND		ND		ND		NS		ND	
	Apr-02	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	500	ND		ND		ND		ND		500		ND		ND		ND		NS		ND	
	May-03	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	500	ND		ND		ND		ND		ND(517)		ND		ND		ND		NS		ND	
	Apr-04	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	500	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	1.1	100	94.9	J	13.3	B	12.2	B	82.3	J	520 (462)		23.6	B	23.1	B	364		NS		13.5	J
NC 2L = 2,000 µg/L (10/23/07)	28-Nov-07	1.1	100	380		43.5	J	10.9	B	128 (109)		458		19.7	J	34.7	J	151		NS		2.51	J
NC 2B = NE (03/28/08)	21-Apr-08	1.1	100	101		20.4	B	12.1	B	90.0 (98 J)	J	417		19.5	B	27.9	B	177		NS		9.7	J
	22-Dec-08	1.1	100	95.0	J	9.1	J	8.5 (16.6 J)	J	77.6	J	414		20.0	J	21.3	J	132		NS		1.6	J
	23-Jun-09	1.1	100	168		4.8 (6.1 B)	B	13.1	B	65.4	B	440		19.8	B	19.5	B	294		NS		8.5	J
	15-Dec-09	1.1	100	168		7.6	B	18.1	B	68.6 (64.6 B)	B	400		22.2	B	19.7	B	138		NS		18.2	J

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	DL	RL	Concentration (µg/L)									
				Groundwater					Surface Water				Blanks
				MW-1	MW-2	MW-3	MW-4	MW-5	Downstream	Upstream	Outfall #1	Outfall #2	
Beryllium	Apr-93	NR	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Sep-93	NR	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Apr-94	NR	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Oct-94	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	2	3	6	4	4	4	4	4	5	NS	NA
	Nov-96	NR	2	ND	ND	ND	ND	6	ND	ND	ND	NS	ND
	Mar-97	NR	2	ND	ND	ND	2	4	ND	ND	ND	NS	ND
	Sep-97	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	2	ND	ND	6	ND	13	ND	ND	ND	NS	ND
	Sep-98	NR	2	ND	ND	ND	2	8	ND	ND	7	NS	ND
	Mar-99	NR	2	ND	ND	ND	3	9	ND	ND	ND	NS	ND
	Sep-99	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.2	1.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
GWPS = 4 µg/L (10/23/07)	28-Nov-07	0.2	1.0	ND	ND	0.6	B ND (0.21 B)	ND	ND	ND	ND	NS	0.2 J
NC 2B = 6.5 µg/L (03/28/08)	21-Apr-08	0.2	1.0	0.3 J	ND	0.2 J	0.4 (ND) J	0.2 J	ND	ND	ND	NS	ND
	22-Dec-08	0.2	1.0	ND	0.8 J	ND (ND)	ND	ND	ND	ND	ND	NS	ND
	23-Jun-09	0.2	1.0	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
	15-Dec-09	0.2	1.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
Cadmium	Apr-93	NR	2	ND	6	2.1	2	5	2	2	2.3	2.8	NA
	Sep-93	NR	2	ND	2.1	ND	ND	ND	ND	ND	NS	NS	NA
	Apr-94	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	1	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	1	ND	ND	ND	1	ND	ND	ND	ND	NS	NA
	May-96	NR	1	1	10	ND	ND	ND	1	ND	4	NS	NA
	Nov-96	NR	1	ND	4	1	1	23	ND	ND	ND	NS	ND
	Mar-97	NR	1	ND	ND	1	3	18	ND	ND	ND	NS	ND
	Sep-97	NR	1	1		2	4	15	ND	ND	ND	NS	ND
	Mar-98	NR	1	ND	ND	2	ND	5	ND	ND	ND	NS	ND
	Oct-94	NR	1	ND	ND	1	ND	ND	ND	ND	ND	ND	NS
	Sep-98	NR	1	ND	ND	ND (ND)	1	4	ND	ND	3	NS	ND
	Mar-99	NR	1	ND	ND	ND (ND)	ND	2	ND	ND	ND	NS	ND
	Sep-99	NR	1	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	1	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	1	1	ND	ND	2(1)	6	1	ND	1	NS	ND
	Mar-01	NR	1	ND	ND (ND)	ND	1	4	ND	ND	ND	NS	ND
	Oct-01	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
	Apr-02	NR	1	ND	2	ND	ND (ND)	1	ND	ND	ND	NS	ND
	Nov-02	NR	1	ND	ND	ND (ND)	1	ND	ND	ND	ND	NS	ND
	May-03	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
	Nov-03	NR	1	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
	Apr-04	NR	1	ND	1	ND (ND)	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	1	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	1	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	1	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
	23-May-06	NR	1	ND	ND (ND)	ND	1	6	ND	1	2	NS	ND
	09-Nov-06	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.2	1.0	1.6 B	1.8 B	1.0 B	2.4 B	10.2 (8.1)	1.3 B	0.9 B	5.9	NS	0.7 J
NC 2L = 1.75 µg/L (10/23/07)	28-Nov-07	0.2	1.0	0.25 J	0.4 J	0.5 J	0.65 (6.0) J	3.1 J	ND	ND	0.86 J	NS	ND
NC 2B = 2 µg/L (03/28/08)	21-Apr-08	0.2	1.0	0.5 J	0.3 J	0.4 J	ND (ND)	ND	ND	ND	ND	NS	ND
	22-Dec-08	0.2	1.0	0.96 B	1.0 B	ND (ND)	ND	ND	ND	ND	ND	NS	0.8 J
	23-Jun-09	0.2	1.0	0.6 J	0.5 (ND) J	ND	ND	0.3 J	ND	ND	ND	NS	ND
	15-Dec-09	0.2	1.0	ND	0.8 J	ND	ND (ND)	ND	0.5 J	ND	ND	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																					
		DL	RL	Groundwater										Surface Water								Blanks	
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2			
Chromium	Apr-93	NR	40	ND		140		ND		ND		ND		ND		ND		ND		ND		NA	
	Sep-93	NR	20	ND		673		ND		ND		ND		ND		ND		ND		NS		NA	
	Apr-94	NR	20	ND		31		ND		ND		ND		ND		ND		ND		ND		NA	
	Oct-94	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		16		NA	
	Apr-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	10	ND		118		11		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	10	ND		48		12		ND		154		ND		ND		ND		NS		ND	
	Mar-97	NR	10	ND		ND		10		ND		38		ND		ND		ND		NS		ND	
	Sep-97	NR	10	ND		17		26		ND		11		ND		ND		ND		NS		ND	
	Mar-98	NR	10	ND		ND		25		ND		16		ND		ND		ND		NS		ND	
	Sep-98	NR	10	ND		ND		ND		12		17		ND		ND		ND		NS		ND	
	Mar-99	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	10	ND		ND		ND		ND		36		ND		ND		ND		ND		ND	
	May-00	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	10	ND		ND		ND		ND		11		ND		ND		ND		NS		ND	
	Mar-01	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	10	ND		ND		ND		ND		27		ND		ND		ND		NS		ND	
	Apr-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	10	ND		ND		ND		ND		12(14)		ND		ND		ND		NS		ND	
	Apr-04	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	10	ND		ND		ND		ND		12		ND		ND		ND		NS		ND	
	09-Nov-06	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	0.7	10.0	2.4	B	1.0	B	1.4	B	5.3	B	17.9 B (6.2 B)		3.8	B	4.9	B	ND		NS		6.1	J
NC 2L = 50 µg/L (10/23/07)	28-Nov-07	0.7	10.0	1.8	J	3.3	J	1.3	J	9.0 (19.7)	J	4.3	J	ND		0.76	J	10.8		NS		ND	
NC 2B = 50 µg/L (03/28/08)	21-Apr-08	0.7	10.0	2.1	J	ND		ND		5.6 (ND)	J	ND		ND		ND		ND		NS		ND	
	22-Dec-08	0.7	10.0	1.1	J	2.2	J	ND (1.2 J)		7.6	J	7.2	J	ND		ND		1.9	J	NS		ND	
	23-Jun-09	0.7	10.0	2.5	J	1.4 (ND)	J	1.1	J	2.0	J	5.6	J	1.0	J	0.8	J	1.0	J	NS		ND	
	15-Dec-09	0.7	10.0	2.4	J	4.7	J	0.8	J	2.2 (1.9 J)	J	8.0	J	3.6	J	ND		1.7	J	NS		ND	
Cobalt	Apr-93	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Sep-93	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Apr-94	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Oct-94	NR	10	ND		ND		ND		18		ND		ND		ND		ND		24		NA	
	Apr-95	NR	10	ND		ND		ND		ND		ND		ND		ND		10		NS		NA	
	Nov-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	10	ND		34		ND		21		ND		ND		ND		13		NS		NA	
	Nov-96	NR	10	ND		11		ND		18		86		ND		ND		ND		NS		ND	
	Mar-97	NR	10	ND		ND		ND		20		44		ND		ND		ND		NS		ND	
	Sep-97	NR	10	ND		ND		0.014		31		27		ND		ND		ND		NS		ND	
	Mar-98	NR	10	ND		ND		34		18		37		ND		ND		ND		NS		ND	
	Sep-98	NR	10	ND		ND		ND		26		30		ND		ND		12		NS		ND	
	Mar-99	NR	10	ND		ND		ND		16		25		ND		ND		ND		NS		ND	
	Sep-99	NR	10	ND		ND		ND		17		33		ND		ND		ND		NS		ND	
	May-00	NR	10	ND		ND		ND		18		32		ND		ND		ND		NS		ND	
	Oct-00	NR	10	ND		ND		ND		23(22)		32		ND		ND		ND		NS		ND	
	Mar-01	NR	10	ND		ND		ND		18		24		ND		ND		ND		NS		ND	
	Oct-01	NR	10	ND		ND		20		20(20)		35		ND		ND		ND		NS		ND	
	Apr-02	NR	10	ND		ND		ND		11(12)		25		ND		ND		ND		NS		ND	
	Nov-02	NR	10	ND		ND		ND		20		28		ND		ND		ND		NS		ND	
	May-03	NR	10	ND		ND		ND		19(19)		22		ND		ND		ND		NS		ND	
	Nov-03	NR	10	ND		ND		ND		16		28(29)		ND		ND		ND		NS		ND	
	Apr-04	NR	10	ND		ND		ND		13		23		ND		ND		12		NS		ND	
	Oct-04	NR	10	ND		ND		ND		14		19		ND		ND		ND		NS		ND	
	May-05	NR	10	ND		ND		ND		11		23		ND		ND		11		NS		ND	
	Oct-05	NR	10	ND		ND		ND		19		19(20)		ND		ND		ND		NS		ND	
	23-May-06	NR	10	ND		ND		ND		15		24		ND		ND		10		NS		ND	
	09-Nov-06	NR	10	ND		ND		ND		16(15)		19		ND		ND		ND		NS		ND	
	19-Jun-07	0.7	10.0	ND		ND		ND		14.8		28.2 (23.8)		ND		ND		10.6		NS		ND	
GWPS = 70 µg/L (10/23/07)	28-Nov-07	0.7	10.0	ND		0.8	J	ND		19.4 (15.3)		18.8		ND		ND		ND		NS		ND	
NC 2B = NE (03/28/08)	21-Apr-08	0.7	10.0	1.5		1.0	J	0.8	J	13.8 (12.6)		21.7		ND		ND		6.1	J	NS		ND	
	22-Dec-08	0.7	10.0	ND		1.9	J	ND (ND)		12.7		20.8		ND		ND		4.1	J	NS		ND	
	23-Jun-09	0.7	10.0	4.0	J	ND (ND)		ND		8.7	J	20.1		ND		ND		9.9	J	NS		ND	
	15-Dec-09	0.7	10.0	3.2	J	1.7	J	ND		12.0 (11.6)		18.8		ND		ND		4.7	J	NS		ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	DL	RL	Concentration (µg/L) Groundwater MW-1	MW-2	MW-3	MW-4	MW-5	Surface Water Downstream	Upstream	Outfall #1	Outfall #2	Blanks
Copper	Apr-93	NR	20	ND	ND	ND	ND	ND	ND	ND	263	ND	NA
	Sep-93	NR	10	ND	138	ND	ND	ND	ND	ND	NS	NS	NA
	Apr-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Oct-94	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	200	ND	ND	ND	ND	114	ND	ND	ND	NS	ND
	Mar-97	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	2.0	10.0	2.6 B	2.8 B	2.8 B	15.5 B	15.6 (10.9 B) B	8.6 B	4.0 B	ND	NS	5.1
NC 2L = 1,000 µg/L (10/23/07)	28-Nov-07	2.0	10.0	ND	5.7 B	3.2 B	30.5 (24.4)	ND	3.7 B	2.8 B	3.3 B	NS	2.5 J
NC 2B = 7 µg/L (03/28/08)	21-Apr-08	2.0	10.0	2.3 B	ND	ND	20.6 (22.0 B) B	7.4 B	ND	ND	6.6 B	NS	7.0 J
	22-Dec-08	2.0	10.0	ND	2.4 J	3.8 (ND) J	2.7 J	ND	ND	ND	ND	NS	ND
	23-Jun-09	2.0	10.0	ND	ND (ND)	ND	5.5 J	4.4 J	1.3 J	ND	ND	NS	ND
	15-Dec-09	2.0	10.0	ND	2.4 B	ND	5.9 (3.8 B) B	2.9 B	ND	ND	ND	NS	2.7 J
Lead	Apr-93	NR	5	ND	497	22	ND	18.1	ND	ND	163	ND	NA
	Sep-93	NR	5	ND	224	16	5	ND	ND	ND	NS	NS	NA
	Apr-94	NR	5	ND	14.2	6	13	6	ND	ND	ND	ND	ND
	Oct-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	10	ND	ND	11	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	10	ND	ND	13	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	10	ND	41	21	11	ND	ND	ND	ND	NS	NA
	Nov-96	NR	10	ND	20	22	ND	96	ND	ND	ND	NS	ND
	Mar-97	NR	10	ND	ND	19	ND	37	ND	ND	ND	NS	ND
	Sep-97	NR	10	ND	12	51	ND	12	ND	19	ND	NS	ND
	Mar-98	NR	10	ND	ND	130	ND	30	ND	ND	ND	NS	ND
	Sep-98	NR	10	ND	ND	ND	11	14	ND	ND	ND	NS	ND
	Mar-99	NR	10	ND	ND	ND	ND	8	ND	ND	ND	NS	ND
	Sep-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	10	ND	ND	ND	18(10)	15	ND	ND	ND	NS	ND
	Mar-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	10	ND	ND	ND	ND	19	ND	ND	ND	NS	ND
	Apr-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	10	ND	ND	ND	ND	16	ND	ND	ND	NS	ND
	May-03	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	10	ND	ND	ND	ND	16(20)	ND	ND	ND	NS	ND
	Apr-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	10	ND	ND	ND	ND	ND	ND	ND	13	NS	ND
	May-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	10	ND	ND	ND	ND	12	ND	ND	ND	NS	ND
	09-Nov-06	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	2.0	10.0	12.9	ND	ND	2.6 J	13.3 (5.1 J)	ND	ND	ND	NS	ND
NC 2L = 15 µg/L (10/23/07)	28-Nov-07	2.0	10.0	ND	ND	ND	6.6 (20.9) B	5.6 B	ND	ND	6.5 B	NS	2.1 J
NC 2B = 25 µg/L (03/28/08)	21-Apr-08	2.0	10.0	ND	3.8 J	2.0 J	5.2 (4.2 J) J	14.5	ND	ND	3.1 J	NS	ND
	22-Dec-08	2.0	10.0	3.2 B	5.2 B	ND (2.6 B)	3.7 B	9.8 B	3.0 B	ND	ND	NS	3.1 J
	23-Jun-09	2.0	10.0	2.8 J	3.2 (ND) J	3.1 J	3.2 J	11.5	3.2 J	ND	4.6 J	NS	ND
	15-Dec-09	2.0	10.0	ND	3.8 J	ND	5.6 (ND) J	7.5 J	ND	ND	ND	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																					
		DL	RL	Groundwater										Surface Water								Blanks	
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2			
Nickel	Apr-93	NR	50	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Sep-93	NR	50	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Apr-94	NR	50	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Oct-94	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Apr-95	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	50	ND		ND		ND		ND		76		ND		ND		ND		NS		ND	
	Mar-97	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-97	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-98	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-00	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-02	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-04	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	0.6	50.0	ND		ND		1.4	B	9.0	B	16.8 B (11.4 B)		11.2	B	4.0	B	12.8	B	NS		9.6	J
NC 2L = 100 µg/L (10/23/07)	28-Nov-07	0.6	50.0	1.4	B	ND		1.6	B	5.2 (13.6 J)	B	7.9	J	1.9	B	1.1	B	12.2	J	NS		1.4	J
NC 2B = 88 µg/L (03/28/08)	21-Apr-08	0.6	50.0	2.0	B	ND		ND		2.6 (3.9 B)	B	9.1	B	ND		ND		9.5	B	NS		3.3	J
	22-Dec-08	0.6	50.0	ND		5.7	J	ND (ND)		7.5	J	13.2	J	ND		ND		7.8	J	NS		ND	
	23-Jun-09	0.6	50.0	1.5	B	ND (ND)		ND		2.4	B	9.9	B	ND		ND		9.0	B	NS		2.8	J
	15-Dec-09	0.6	50.0	ND		2.1	J	ND		1.3 (1.1 J)	J	8.2	J	ND		ND		5.4	J	NS		ND	
Selenium	Apr-93	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Sep-93	NR	5	ND		25		ND		5		ND		ND		ND		NS		NS		NA	
	Apr-94	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Oct-94	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Apr-95	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-97	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-97	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-98	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-00	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-02	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-04	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	6.3	10.0	ND		ND		ND		ND		ND (ND)		ND		ND		ND		NS		ND	
NC 2L = 50 µg/L (10/23/07)	28-Nov-07	6.3	10.0	ND		ND		ND		ND (ND)		ND		7.6	B	ND		ND		NS		7.8	J
NC 2B = 5 µg/L (03/28/08)	21-Apr-08	6.3	10.0	ND		ND		ND		ND (4.7 J)		ND		ND		ND		ND		NS		ND	
	22-Dec-08	6.3	10.0	ND		ND		ND (ND)		ND		ND		ND		ND		ND		NS		ND	
	23-Jun-09	6.3	10.0	ND		ND (ND)		ND		ND		ND		ND		ND		ND		NS		ND	
	15-Dec-09	6.3	10.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																					
		DL	RL	Groundwater										Surface Water								Blanks	
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2			
Silver	Apr-93	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Sep-93	NR	10	ND		ND		ND		ND		ND		ND		ND		NS		NS		NA	
	Apr-94	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Oct-94	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Apr-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-97	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-97	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-98	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-00	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-04	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	1.1	10.0	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
NC 2L = 17.5 µg/L (10/23/07)	28-Nov-07	1.1	10.0	ND		ND		1.5	J	ND (ND)		ND		ND		ND		ND		NS		ND	
NC 2B = 0.06 µg/L (03/28/08)	21-Apr-08	1.1	10.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	
	22-Dec-08	1.1	10.0	ND		ND		ND (ND)		ND		ND		ND		ND		ND		NS		ND	
	23-Jun-09	1.1	10.0	ND		1.1 (ND)	B	ND		ND		ND		ND		ND		ND		NS		9.3	J
	15-Dec-09	1.1	10.0	ND		ND		ND		2.3 (ND)	B	ND		1.4	B	2.2	B	ND		NS		1.6	J
Thallium	Apr-93	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Sep-93	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Apr-94	NR	10	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Oct-94	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		ND		NA	
	Apr-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-97	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-97	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-98	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-00	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
	Nov-03	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
	Apr-04	NR	20	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	10	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	2.7	5.5	ND		ND		4.3	J	ND		ND (ND)		ND		ND		ND		NS		ND	
GWPS = 0.28 µg/L (10/23/07)	28-Nov-07	2.7	5.5	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
NC 2B = NE (03/28/08)	21-Apr-08	2.7	5.5	ND		ND		2.9	B	ND (ND)		ND		ND		ND		ND		NS		3.3	J
	22-Dec-08	2.7	5.5	ND		ND		ND (ND)		ND		ND		ND		ND		ND		NS		4.0	J
	23-Jun-09	2.7	5.5	ND		4.0 (ND)	J	ND		ND		ND		ND		ND		ND		NS		ND	
	15-Dec-09	2.7	5.5	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS		ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																					
		DL	RL	Groundwater										Surface Water								Blanks	
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2			
Vanadium	Apr-93	NR	40	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Sep-93	NR	40	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Apr-94	NR	40	NS		NS		NS		NS		NS		NS		NS		NS		NS		NA	
	Oct-94	NR	40	ND		ND		ND		174		62		ND		ND		127		256		NA	
	Apr-95	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	May-96	NR	40	ND		152		ND		ND		ND		ND		ND		ND		NS		NA	
	Nov-96	NR	40	ND		59		ND		ND		203		ND		ND		ND		NS		ND	
	Mar-97	NR	40	ND		ND		ND		ND		66		ND		ND		ND		NS		ND	
	Sep-97	NR	40	ND		ND		55		ND		ND		ND		ND		ND		NS		ND	
	Mar-98	NR	40	ND		ND		87		ND		48		ND		ND		ND		NS		ND	
	Sep-98	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-99	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	40	ND		ND		ND		ND		92		ND		ND		ND		ND		ND	
	May-00	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-00	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	40	ND		ND		ND		ND		57		ND		ND		ND		NS		ND	
	Apr-02	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-03	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-03	NR	40	ND		ND		ND		ND		41(47)		ND		ND		ND		NS		ND	
	Apr-04	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	May-05	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	23-May-06	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	40	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	19-Jun-07	0.4	25.0	ND		ND		ND		6.9	J	30.0 (14.0 J)		ND		ND		ND		NS		ND	
GWPS = 3.5 µg/L (10/23/07)	28-Nov-07	0.4	25.0	ND		3.0	J	ND		11.3 (7.4 J)	J	ND		ND		ND		ND		NS		ND	
NC 2B = NE (03/28/08)	21-Apr-08	0.4	25.0	ND		4.0	J	ND		4.3 (4.6 J)	J	22.4	J	ND		ND		ND		NS		ND	
	22-Dec-08	0.4	25.0	2.2	J	1.9	J	ND (ND)		1.5	J	16.7	J	ND		ND		ND		NS		ND	
	23-Jun-09	0.4	25.0	ND		ND (ND)		ND		2.5	J	16.8	J	ND		ND		3.6	J	NS		ND	
	15-Dec-09	0.4	25.0	ND		5.6	B	1.9	B	2.3 (2.3 B)	B	16.6	B	ND		ND		0.6	B	NS		5.2	J
Zinc	Apr-93	NR	20	49		312		78		44		59		ND		34		4290		83		NA	
	Sep-93	NR	20	ND		1640		ND		ND		ND		ND		ND		NS		NS		NA	
	Apr-94	NR	20	25		88		ND		ND		ND		26		26		54		60		NA	
	Oct-94	NR	50	ND		68		ND		ND		ND		ND		ND		ND		ND		NA	
	Apr-95	NR	50	ND		ND		98		ND		ND		ND		ND		ND		NS		NA	
	Nov-95	NR	50	ND		ND		ND		ND		81		ND		50		84		NS		NA	
	May-96	NR	50	97		327		159		68		70		71		ND		91		NS		NA	
	Nov-96	NR	50	90		159		84		ND		418		50		86		ND		NS		ND	
	Mar-97	NR	50	ND		99		88		56		130		ND		ND		ND		NS		ND	
	Sep-97	NR	50	70		560		200		72		171		118		200		ND		NS		ND	
	Mar-98	NR	50	ND		168		197		ND		94		ND		ND		ND		NS		ND	
	Sep-98	NR	50	ND		ND		ND		ND		ND		159		ND		123		NS		ND	
	Mar-99	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Sep-99	NR	50	ND		ND		ND		ND		61		ND		ND		ND		NS		ND	
	May-00	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		NA	
	Oct-00	NR	50	ND		63		ND		ND		ND		ND		ND		ND		NS		ND	
	Mar-01	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-01	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Apr-02	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Nov-02	NR	50	52		70		57(ND)		50		69		ND		ND		ND		NS		ND	
	May-03	NR	50	ND		77		ND		ND		ND		50		ND		61		NS		ND	
	Nov-03	NR	50	ND		ND		ND		78		52(89)		ND		51		135		NS		ND	
	Apr-04	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-04	NR	50	ND		ND		ND		ND		ND		ND		ND		138		NS		ND	
	May-05	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	Oct-05	NR	50	137		ND		ND		ND		ND		ND		ND		79		NS		ND	
	23-May-06	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		ND	
	09-Nov-06	NR	50	ND		ND		ND		ND		ND		ND		ND		ND		NS		74	
	19-Jun-07	2.7	10.0	53.4		103		39.6		49.4		110 (95.8)		89.9		73.2		144		NS		3.0	J
NC 2L = 1,050 µg/L (10/23/07)	28-Nov-07	2.7	10.0	13.2	B	33.4	B	8.3	B	11.2 (70.6)	B	26.8	B	7.6	B	5.8	B	28.9	B	NS		7.1	J
NC 2B = 50 µg/L (03/28/08)	21-Apr-08	2.7	10.0	ND		ND		ND		ND (ND)		17.9	B	ND		ND		21.3	B	NS		6.0	J
	22-Dec-08	2.7	10.0	ND		10.3	B	ND (ND)		ND		11.4	B	ND		ND		ND		NS		11.1	J
	23-Jun-09	2.7	10.0	83.7	B	ND (ND)		76.1	B	27.1	B	108	B	36.8	B	41.3	B	79.7	B	NS		51.8	B
	15-Dec-09	2.7	10.0	ND		20.5	B	8.8	B	7.4 (ND)	B	29.4	B	30.8	B	11.2	B	ND		NS		26.5	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)																			
		DL	RL	Groundwater										Surface Water							Blanks
				MW-1		MW-2		MW-3		MW-4		MW-5		Downstream		Upstream		Outfall #1		Outfall #2	
Acetone	19-Jun-07	1.2	100	ND		ND		ND		5.3	J	ND (ND)		ND		ND		7.0	J	NS	ND
NC 2L = 700 µg/L (10/23/07)	28-Nov-07	1.2	100	ND		2.40	J	1.85	J	2.0 (2.8 J)	J	ND		1.8	J	2.7	J	2.3	J	NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	1.2	100	8.69	J	7.17	J	ND		ND (ND)		ND		ND		6.1	J	ND		NS	ND
	22-Dec-08	1.2	100	3.1	J	ND		ND (ND)		3.6	J	ND		2.1	J	ND		ND		NS	ND
	23-Jun-09	1.2	100	ND		ND (ND)		ND		ND		ND		ND		ND		ND		NS	ND
	15-Dec-09	1.2	100	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS	ND
Benzene	19-Jun-07	0.1	1.0	ND		ND		ND		ND		1.4 (1.4)		ND		ND		ND		NS	ND
NC 2L = 1 µg/L (10/23/07)	28-Nov-07	0.1	1.0	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.1	1.0	ND		ND		ND		ND (ND)		1.34		ND		ND		ND		NS	ND
	22-Dec-08	0.1	1.0	ND		ND		ND (ND)		ND		1.1		ND		ND		ND		NS	ND
	23-Jun-09	0.1	1.0	ND		ND (ND)		ND		ND		1.0	J	ND		ND		0.5	J	NS	ND
	15-Dec-09	0.1	1.0	ND		ND		ND		0.2 (0.2 J)	J	1.2		ND		ND		0.4	J	NS	ND
Carbon Disulfide	28-Nov-07	0.5	100	1.02	J	11.0	J	2.95	J	1.4 (0.6 J)	J	ND		ND		ND		ND		NS	ND
NC 2L = 700 µg/L (10/23/07)	21-Apr-08	0.5	100	ND		ND		ND		ND (ND)		2.9	J	ND		ND		ND		NS	ND
NC 2B = NE (03/28/08)	22-Dec-08	0.5	100	ND		ND		ND		1.0	J	0.9	J	ND		ND		ND		NS	ND
	23-Jun-09	0.5	100	ND		ND (ND)		ND		ND		ND		ND		ND		ND		NS	ND
	15-Dec-09	0.5	100	ND		ND		ND		ND (ND)		ND		ND		ND		ND		NS	ND
Chlorobenzene	Apr-95	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	NA
	Nov-95	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	NA
	May-96	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	ND
	Nov-96	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	ND
	Mar-97	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	ND
	Sep-97	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	ND
	Mar-98	NR	5	ND		ND		ND		ND		ND		ND		ND		ND		NS	ND
	Sep-98	NR	5	ND		ND		ND		ND		9		ND		ND		ND		NS	ND
	Mar-99	NR	5	ND		ND		ND		ND		8		ND		ND		ND		NS	ND
	Oct-99	NR	5	ND		ND		ND		ND		5.9		ND		ND		ND		NS	ND
	May-00	NR	5	ND		ND		ND		5.6		9.6		ND		ND		ND		NS	ND
	Oct-00	NR	5	ND		ND		ND		ND		8.7		ND		ND		ND		NS	ND
	Mar-01	NR	5	ND		ND		ND		ND		8.8		ND		ND		ND		NS	ND
	Oct-01	NR	5	ND		ND		ND		ND		11		ND		ND		ND		NS	ND
	Apr-02	NR	5	ND		ND		ND		ND		11		ND		ND		ND		NS	ND
	Nov-02	NR	5	ND		ND		ND		ND		8.1		ND		ND		ND		NS	ND
	May-03	NR	5	ND		ND		ND		ND		9.1		ND		ND		ND		NS	ND
	Nov-03	NR	5	ND		ND		ND		ND		8.9(9.7)		ND		ND		ND		NS	ND
	Apr-04	NR	5	ND		ND		ND		ND		9.3		ND		ND		ND		NS	ND
	Oct-04	NR	5	ND		ND		ND		ND		12		ND		ND		ND		NS	ND
	May-05	NR	5	ND		ND		ND		ND		6.6		ND		ND		ND		NS	ND
	Oct-05	NR	5	ND		ND		ND		ND		8.1(7.8)		ND		ND		ND		NS	ND
	23-May-06	NR	5	ND		ND		ND		ND		6.3		ND		ND		ND		NS	ND
	09-Nov-06	NR	5	ND		ND		ND		ND		10		ND		ND		ND		NS	ND
	19-Jun-07	0.1	3.0	ND		ND		ND		1.9	J	10.6 (10.6)		ND		ND		0.8	J	NS	ND
NC 2L = 50 µg/L (10/23/07)	28-Nov-07	0.1	3.0	ND		ND		ND		1.9 (2.3 J)	J	7.4		ND		ND		ND		NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.1	3.0	ND		ND		ND		4.8 (4.6)		9.9		ND		ND		1.6	J	NS	ND
	22-Dec-08	0.1	3.0	ND		ND		ND (ND)		1.6	J	8.0		ND		ND		0.7	J	NS	ND
	23-Jun-09	0.1	3.0	ND		ND (ND)		ND		1.0	J	8.0		ND		ND		2.0	J	NS	ND
	15-Dec-09	0.1	3.0	0.7	J	ND		ND		2.1 (1.9 J)	J	9.6		ND		ND		2.6	J	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)										
		DL	RL	Groundwater					Surface Water				Blanks
				MW-1	MW-2	MW-3	MW-4	MW-5	Downstream	Upstream	Outfall #1	Outfall #2	
Chloromethane	22-Dec-08	0.1	1.0	ND	ND	ND	ND	ND	ND	ND	0.2 J	NS	ND
NC 2L = 2.6 µg/L (10/23/07)	23-Jun-09	0.1	1.0	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
NC 2B = NE (03/28/08)	15-Dec-09	0.1	1.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
Cis-1,2-Dichloroethylene	Oct-94	NR	5	8	ND	ND	ND	11	ND	ND	ND	ND	ND
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	5	ND	ND	ND	ND	8	ND	ND	ND	NS	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.1	5.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
NC 2L = 70 µg/L (10/23/07)	28-Nov-07	0.1	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.1	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
	22-Dec-08	0.1	5.0	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	ND
	23-Jun-09	0.1	5.0	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
	15-Dec-09	0.1	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)											
		DL	RL	Groundwater					Surface Water				Blanks
				MW-1	MW-2	MW-3	MW-4	MW-5	Downstream	Upstream	Outfall #1	Outfall #2	
1,2-Dichlorobenzene	Apr-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	5	ND	ND	ND	ND	5.4	ND	ND	ND	NS	ND
	Nov-02	NR	5	ND	ND	ND	ND	5.2	ND	ND	ND	NS	ND
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	5	ND	ND	ND	ND	6.7	ND	ND	ND	NS	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.1	5.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
NC 2L = 24 µg/L (10/23/07)	28-Nov-07	0.1	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.1	5.0	ND	ND	ND	ND (ND)	0.4 J	ND	ND	ND	NS	ND
	22-Dec-08	0.1	5.0	ND	ND	ND (ND)	ND	0.3 J	ND	ND	ND	NS	ND
	23-Jun-09	0.1	5.0	ND	ND (ND)	ND	ND	0.4 J	ND	ND	ND	NS	ND
	15-Dec-09	0.1	5.0	ND	ND	ND	ND (ND)	0.4 J	ND	ND	ND	NS	ND
1,4-Dichlorobenzene	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	5	ND	ND	ND	6	7	ND	ND	ND	NS	ND
	Sep-98	NR	5	ND	ND	ND	5	5	ND	ND	ND	NS	ND
	Mar-99	NR	5	ND	ND	ND	ND	5	ND	ND	ND	NS	ND
	Sep-99	NR	5	ND	ND	ND	7.8	ND	ND	ND	ND	NS	ND
	May-00	NR	5	ND	ND	ND	6.9	6	ND	ND	ND	NS	ND
	Oct-00	NR	5	ND	ND	ND	6.1(5.7)	5	ND	ND	ND	NS	ND
	Mar-01	NR	5	ND	ND	ND	ND	5.5	ND	ND	ND	NS	ND
	Oct-01	NR	5	ND	ND	ND	ND	5.3	ND	ND	ND	NS	ND
	Apr-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	5	ND	ND	ND	5.0(5.1)	5.8	ND	ND	ND	NS	ND
	Nov-03	NR	5	ND	ND	ND	ND	5.5(5.0)	ND	ND	ND	NS	ND
	Apr-04	NR	5	ND	ND	ND	ND	6.0	ND	ND	ND	NS	ND
	Oct-04	NR	NR	ND	ND	ND	ND	5.3	ND	ND	ND	NS	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.1	1.0	ND	ND	ND	2.2	4.8 (5.0)	ND	ND	2.8	NS	ND
NC 2L = 1.4 µg/L (10/23/07)	28-Nov-07	0.1	1.0	ND	ND	ND	2.8 (3.2)	3.2	ND	ND	1.4	NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.1	1.0	ND	ND	ND	3.3 (3.3)	4.5	ND	ND	1.6	NS	ND
	22-Dec-08	0.1	1.0	ND	ND	ND (ND)	2.1	4.4	ND	ND	1.2	NS	ND
	23-Jun-09	0.1	1.0	ND	ND (3.3)	ND	1.6	4.1	ND	ND	2.3	NS	ND
	15-Dec-09	0.1	1.0	ND	ND	ND	2.2 (2.0)	4.8	ND	ND	1.8	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)											
		DL	RL	Groundwater					Surface Water				Blanks
				MW-1	MW-2	MW-3	MW-4	MW-5	Downstream	Upstream	Outfall #1	Outfall #2	
Xylenes (Total)	Apr-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	5	ND	9.3	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	19-Jun-07	0.3	4.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND
NC 2L = 530 µg/L (10/23/07)	28-Nov-07	0.3	4.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND
NC 2B = NE (03/28/08)	21-Apr-08	0.3	4.0	ND	ND	ND	ND (ND)	0.4 J	ND	ND	1.3 J	NS	ND
	22-Dec-08	0.3	4.0	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	ND
	23-Jun-09	0.3	4.0	ND	ND (ND)	ND	ND	ND	ND	ND	1.2 J	NS	ND
	15-Dec-09	0.3	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	1.2 J	NS	ND

Notes:

1. All concentrations are reported in micrograms per liter (mg/L).
2. Values shown in parentheses are from duplicate samples.
3. MW = Groundwater monitoring well.
4. DL = Laboratory detection limit.
5. RL = Laboratory reporting limit (NC SWSL {or lower} From June 2007 to present).
6. B = Reported detect considered to represent blank contamination.
7. NS = Not sampled.
8. NR = Not reported.
9. NA = Not available.
10. NC 2L = North Carolina's groundwater quality Standard established under 15A NCAC 2L, .0202.
11. J = Estimate concetrations.
12. GWPS = Groundwater Protection Standards.
13. NC 2B = North Carolina Surface Water Standard.
14. Shaded values are above the NC 2L, GWPS and/or NC 2B.
15. NE = Not established.

Laboratory Report and Field Data

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-1	7440-36-0	13	Antimony	6.0	ug/L	U	1	6.0	1.2	12/15/2009	12/16/2009	01/14/2010
97-01	MW-1	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-39-3	15	Barium	**168**	ug/L		1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-47-3	51	Chromium	**2.4**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-48-4	53	Cobalt	**3.2**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/02/2010
97-01	MW-1	7440-62-2	209	Vanadium	25.0	ug/L	U	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-1	7440-66-6	213	Zinc	10.0	ug/L	U	1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663263

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-2	7440-36-0	13	Antimony	**2.3**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/14/2010
97-01	MW-2	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-39-3	15	Barium	**7.6**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	744-43-9	34	Cadmium	**0.8**	ug/L	J	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-47-3	51	Chromium	**4.7**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-48-4	53	Cobalt	**1.7**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-50-8	54	Copper	**2.4**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7439-92-1	131	Lead	**3.8**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-02-0	152	Nickel	**2.1**	ug/L	J	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/02/2010
97-01	MW-2	7440-62-2	209	Vanadium	**5.6**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-2	7440-66-6	213	Zinc	**20.5**	ug/L		1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663264

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	**WELL ID**	**CAS Number**	**SWS ID**	**PARAMETER**	**RESULT**	**UNITS**	**QUALIFIER**	**DILUTION FACTOR**	**SWSL**	**MDL**	**COLLECT DATE**	**EXTRACTION DATE**	**ANALYSIS DATE**
97-01	MW-3	7440-36-0	13	Antimony	**3.9**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/14/2010
97-01	MW-3	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-39-3	15	Barium	**18.1**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-47-3	51	Chromium	**0.8**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-48-4	53	Cobalt	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/02/2010
97-01	MW-3	7440-62-2	209	Vanadium	**1.9**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-3	7440-66-6	213	Zinc	**8.8**	ug/L	J	1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663265

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	**WELL ID**	**CAS Number**	**SWS ID**	**PARAMETER**	**RESULT**	**UNITS**	**QUALIFIER**	**DILUTION FACTOR**	**SWSL**	**MDL**	**COLLECT DATE**	**EXTRACTION DATE**	**ANALYSIS DATE**
97-01	MW-4	7440-36-0	13	Antimony	6.0	ug/L	U	1	6.0	1.2	12/15/2009	12/16/2009	01/14/2010
97-01	MW-4	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-39-3	15	Barium	**68.6**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-47-3	51	Chromium	**2.2**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-48-4	53	Cobalt	**12.0**	ug/L		1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-50-8	54	Copper	**5.9**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7439-92-1	131	Lead	**5.6**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-02-0	152	Nickel	**1.3**	ug/L	J	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	02/04/2010
97-01	MW-4	7440-22-4	184	Silver	**2.3**	ug/L	J	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/02/2010
97-01	MW-4	7440-62-2	209	Vanadium	**2.3**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4	7440-66-6	213	Zinc	**7.4**	ug/L	J	1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663266

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	**WELL ID**	**CAS Number**	**SWS ID**	**PARAMETER**	**RESULT**	**UNITS**	**QUALIFIER**	**DILUTION FACTOR**	**SWSL**	**MDL**	**COLLECT DATE**	**EXTRACTION DATE**	**ANALYSIS DATE**
97-01	MW-4 Dup	7440-36-0	13	Antimony	**3.4**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-39-3	15	Barium	**64.6**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-47-3	51	Chromium	**1.9**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-48-4	53	Cobalt	**11.6**	ug/L		1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-50-8	54	Copper	**3.8**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7439-92-1	131	Lead	10	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-02-0	152	Nickel	**1.1**	ug/L	J	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	MW-4 Dup	7440-62-2	209	Vanadium	**2.3**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-4 Dup	7440-66-6	213	Zinc	10.0	ug/L	U	1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663271

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-5	7440-36-0	13	Antimony	**1.8**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	MW-5	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-39-3	15	Barium	**400**	ug/L		1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-47-3	51	Chromium	**8.0**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-48-4	53	Cobalt	**18.8**	ug/L		1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-50-8	54	Copper	**2.9**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7439-92-1	131	Lead	**7.5**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-02-0	152	Nickel	**8.2**	ug/L	J	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	MW-5	7440-62-2	209	Vanadium	**16.6**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	MW-5	7440-66-6	213	Zinc	**29.4**	ug/L		1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663267

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Upstream	7440-36-0	13	Antimony	6.0	ug/L	U	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	Upstream	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-39-3	15	Barium	**19.7**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-47-3	51	Chromium	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-48-4	53	Cobalt	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-22-4	184	Silver	**2.2**	ug/L	J	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	Upstream	7440-62-2	209	Vanadium	25.0	ug/L	U	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	Upstream	7440-66-6	213	Zinc	**11.2**	ug/L		1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663268

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	**WELL ID**	**CAS Number**	**SWS ID**	**PARAMETER**	**RESULT**	**UNITS**	**QUALIFIER**	**DILUTION FACTOR**	**SWSL**	**MDL**	**COLLECT DATE**	**EXTRACTION DATE**	**ANALYSIS DATE**
97-01	Downstream	7440-36-0	13	Antimony	**2.2**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	Downstream	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-39-3	15	Barium	**22.2**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	744-43-9	34	Cadmium	**0.5**	ug/L	J	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-47-3	51	Chromium	**3.6**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-48-4	53	Cobalt	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-22-4	184	Silver	**1.4**	ug/L	J	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	Downstream	7440-62-2	209	Vanadium	25.0	ug/L	U	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	Downstream	7440-66-6	213	Zinc	**30.8**	ug/L		1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663269

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	**WELL ID**	**CAS Number**	**SWS ID**	**PARAMETER**	**RESULT**	**UNITS**	**QUALIFIER**	**DILUTION FACTOR**	**SWSL**	**MDL**	**COLLECT DATE**	**EXTRACTION DATE**	**ANALYSIS DATE**
97-01	Outfall #1	7440-36-0	13	Antimony	**4.6**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	Outfall #1	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-39-3	15	Barium	**138**	ug/L		1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-47-3	51	Chromium	**1.7**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-48-4	53	Cobalt	**4.7**	ug/L	J	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-02-0	152	Nickel	**5.4**	ug/L	J	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-22-4	184	Silver	10.0	ug/L	U	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	Outfall #1	7440-62-2	209	Vanadium	**0.6**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	Outfall #1	7440-66-6	213	Zinc	10.0	ug/L	U	1	10.0	2.7	12/15/2009	12/16/2009	01/29/2010

RAL Sample #: 663270

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Travel Blank	7440-36-0	13	Antimony	**3.5**	ug/L	J	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	Travel Blank	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-39-3	15	Barium	**18.2**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-47-3	51	Chromium	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-48-4	53	Cobalt	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-50-8	54	Copper	**2.7**	ug/L	J	1	10.0	2.0	12/15/2009	12/16/2009	02/05/2010
97-01	Travel Blank	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	02/05/2010
97-01	Travel Blank	7440-22-4	184	Silver	**1.5**	ug/L	J	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	Travel Blank	7440-62-2	209	Vanadium	**5.2**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	Travel Blank	7440-66-6	213	Zinc	10.0	ug/L	U	1	10.0	2.7	12/15/2009	12/16/2009	02/05/2010

RAL Sample #: 663273

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Inorganics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Field Blank	7440-36-0	13	Antimony	6.0	ug/L	U	1	6.0	1.2	12/15/2009	12/16/2009	01/19/2010
97-01	Field Blank	7440-38-2	14	Arsenic	10.0	ug/L	U	1	10.0	5.5	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-39-3	15	Barium	**6.3**	ug/L	J	1	100	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-41-7	23	Beryllium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	744-43-9	34	Cadmium	1.0	ug/L	U	1	1.0	0.2	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-47-3	51	Chromium	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-48-4	53	Cobalt	10.0	ug/L	U	1	10.0	0.7	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-50-8	54	Copper	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7439-92-1	131	Lead	10.0	ug/L	U	1	10.0	2.0	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-02-0	152	Nickel	50.0	ug/L	U	1	50.0	0.6	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7782-49-2	183	Selenium	10.0	ug/L	U	1	10.0	6.3	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-22-4	184	Silver	**1.6**	ug/L	J	1	10.0	1.1	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-28-0	194	Thallium	5.5	ug/L	U	1	5.5	2.7	12/15/2009	12/16/2009	02/03/2010
97-01	Field Blank	7440-62-2	209	Vanadium	**0.9**	ug/L	J	1	25.0	0.4	12/15/2009	12/16/2009	01/29/2010
97-01	Field Blank	7440-66-6	213	Zinc	10.0	ug/L	U	1	10.0	2.7	12/15/2009	12/16/2009	02/05/2010

RAL Sample #: 663272

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

Quality Control Summary Results for Project Identified as Germanton Landfill (A Wilkes County Project, 15 December 2009)

Inorganics Appendix I Parameter	Prep. Blank (ug/L)	ICV Recovery %	CCV Recovery %	LCS Recovery %	Spike Recovery %	% Difference
Arsenic	BDL	94	102 103 103	82	98	3
Antimony	BDL	93	104 96 104	107	90	0
Barium	BDL	96	102 103 103	82	107	1
Beryllium	BDL	94	101 102 101	81	100	2
Cadmium	BDL	100	102 103 103	83	99	1
Chromium	BDL	96	102 103 103	82	98	2
Cobalt	BDL	97	102 103 103	84	98	0
Copper	BDL	90	101 101 101	80	92	2
Lead	BDL	96	102 104 103	82	94	2
Nickel	BDL	97	103 103 103	83	98	0
Selenium	BDL	95	103 104 103	82	105	1
Silver	BDL	95	101 101 101	81	76	8
Thallium	BDL	97	99 99 99	89	92	5
Vanandium	BDL	98	101 101 101	83	98	1
Zinc	26.5	97	103 103 103	81	102	0

COMMENTS: 663263-273

% = Percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification
LCS = Laboratory Control Sample
N/A = Not Available

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-1	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	108-90-7	39	Chlorobenzene	**0.7**	ug/L	J	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-1	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-1	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-1	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-1	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-1	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-1	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-1	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-1	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-1	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-1	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-1	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-1	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-1	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663263

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-2	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-2	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-2	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-2	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-2	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-2	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-2	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-2	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-2	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-2	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-2	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-2	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-2	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-2	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663264

N/A = Not Applicable

U = Not detected.
J = Estimated results. Present but below reporting limit.
B = Lab blank contamination.
µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-3	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-3	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-3	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-3	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-3	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-3	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-3	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-3	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-3	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-3	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-3	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-3	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-3	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-3	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663265

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-4	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	108-90-7	39	Chlorobenzene	**2.1**	ug/L	J	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	71-43-2	16	Benzene	**0.2**	ug/L	J	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-4	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-4	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-4	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-4	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	106-46-7	71	1,4-Dichlorobenzene	**2.2**	ug/L		1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663266

N/A = Not Applicable

U = Not detected.
J = Estimated results. Present but below reporting limit.
B = Lab blank contamination.
µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-4 Dup	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	108-90-7	39	Chlorobenzene	**1.9**	ug/L	J	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	71-43-2	16	Benzene	**0.2**	ug/L	J	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	106-46-7	71	1,4-Dichlorobenzene	**2.0**	ug/L		1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-4 Dup	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663271

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	MW-5	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	108-90-7	39	Chlorobenzene	**9.6**	ug/L		1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	71-43-2	16	Benzene	**1.2**	ug/L		1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-5	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-5	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-5	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	MW-5	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	MW-5	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	MW-5	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-5	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	MW-5	95-50-1	69	1,2-Dichlorobenzene	**0.4**	ug/L	J	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	106-46-7	71	1,4-Dichlorobenzene	**4.8**	ug/L		1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-5	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	MW-5	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	MW-5	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	MW-5	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	MW-5	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663267

N/A = Not Applicable

U = Not detected.

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Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Upstream	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Upstream	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Upstream	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Upstream	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	Upstream	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	Upstream	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	Upstream	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Upstream	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	Upstream	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Upstream	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Upstream	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Upstream	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Upstream	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	Upstream	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663268

N/A = Not Applicable

U = Not detected.

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B = Lab blank contamination.

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Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Downstream	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Downstream	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Downstream	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Downstream	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	Downstream	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	Downstream	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	Downstream	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Downstream	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	Downstream	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Downstream	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Downstream	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Downstream	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Downstream	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	Downstream	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663269

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Outfall #1	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	108-90-7	39	Chlorobenzene	**2.6**	ug/L	J	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	71-43-2	16	Benzene	**0.4**	ug/L	J	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	67-64-1	3	Acetone	100.0	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	1330-20-7	346	Total Xylenes	**1.2**	ug/L	J	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	106-46-7	71	1,4-Dichlorobenzene	**1.8**	ug/L		1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	Outfall #1	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663270

N/A = Not Applicable

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Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Travel Blank	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	Travel Blank	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663273

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B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Wilkes County - Germanton Landfill - Volatile Organics													
FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	SWSL	MDL	COLLECT DATE	EXTRACTION DATE	ANALYSIS DATE
97-01	Field Blank	75-09-2	140	Methylene Chloride	1.0	ug/L	U	1	1.0	0.6	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	1	5.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	67-66-3	44	Chloroform	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	79-01-6	201	Trichloroethene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	108-90-7	39	Chlorobenzene	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	71-43-2	16	Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-25-2	30	Bromoform	3.0	ug/L	U	1	3.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Field Blank	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	108-88-3	196	Toluene	1.0	ug/L	U	1	1.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Field Blank	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	74-87-3	137	Chloromethane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	74-83-9	136	Bromomethane	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-00-3	41	Chloroethane	10.0	ug/L	U	1	10.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	67-64-1	3	Acetone	100	ug/L	U	1	100	1.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	75-15-0	35	Carbon Disulfide	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Field Blank	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	1	50.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	78-93-3	141	2-Butanone	100	ug/L	U	1	100	0.9	12/15/2009	N/A	12/23/2009
97-01	Field Blank	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	1	100	1.0	12/15/2009	N/A	12/23/2009
97-01	Field Blank	591-78-6	124	2-Hexanone	50.0	ug/L	U	1	50.0	1.4	12/15/2009	N/A	12/23/2009
97-01	Field Blank	100-42-5	186	Styrene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	1330-20-7	346	Total Xylenes	5.0	ug/L	U	1	5.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Field Blank	107-13-1	8	Acrylonitrile	200	ug/L	U	1	200	12.4	12/15/2009	N/A	12/23/2009
97-01	Field Blank	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	1	100	0.5	12/15/2009	N/A	12/23/2009
97-01	Field Blank	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	74-88-4	142	Methyl Iodide	10.0	ug/L	U	1	10.0	0.2	12/15/2009	N/A	12/23/2009
97-01	Field Blank	74-97-5	28	Bromochloromethane	3.0	ug/L	U	1	3.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	74-95-3	139	Dibromomethane	10.0	ug/L	U	1	10.0	0.3	12/15/2009	N/A	12/23/2009
97-01	Field Blank	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	1	5.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	1	1.0	0.1	12/15/2009	N/A	12/23/2009
97-01	Field Blank	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13	ug/L	U	1	13	0.5	12/15/2009	N/A	12/23/2009
97-01	Field Blank	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	1	1.0	0.2	12/15/2009	N/A	12/23/2009

RAL Sample #: 663272

N/A = Not Applicable

U = Not detected.

J = Estimated results. Present but below reporting limit.

B = Lab blank contamination.

µg/L = micrograms per Liter = parts per billion (ppb)

Research & Analytical Laboratories, Inc.
Analytical/Process Consultations

Quality Control Summary Results for Project Identified as Germanton Landfill (A Wilkes County Project, 15 December 2009)

Volatile Organics EPA Method 8260 Parameter	Method Blank (mg/L)	Matrix Spike % Recovery	Spike Diplicate % Recovery	Quality Control Limits	Analyst
Methylene Chloride	ND	N/A	N/A	N/A	NM
Trichlorofluoromethane	ND	N/A	N/A	N/A	NM
1,1-Dichloroethene	ND	**90**	**92**	61-145	NM
1,1-Dichloroethane	ND	N/A	N/A	N/A	NM
Chloroform	ND	N/A	N/A	N/A	NM
Carbon Tetrachloride	ND	N/A	N/A	N/A	NM
1,2-Dichloropropane	ND	N/A	N/A	N/A	NM
Trichloroethene	ND	**89**	**90**	71-120	NM
Dibromochloromethane	ND	N/A	N/A	N/A	NM
1,1,2-Trichloroethane	ND	N/A	N/A	N/A	NM
Tetrachloroethene	ND	N/A	N/A	N/A	NM
Chlorobenzene	ND	**95**	**99**	75-130	NM
Trans-1,2-Dichloroethene	ND	N/A	N/A	N/A	NM
1,2-Dichloroethane	ND	N/A	N/A	N/A	NM
1,1,1-Trichloroethane	ND	N/A	N/A	N/A	NM
Bromodichloromethane	ND	N/A	N/A	N/A	NM
Cis-1,3-Dichloropropene	ND	N/A	N/A	N/A	NM
Benzene	ND	**95**	**99**	76-127	NM
Trans-1,3-Dichloropropene	ND	N/A	N/A	N/A	NM
Bromoform	ND	N/A	N/A	N/A	NM
1,1,2,2-Tetrachloroethane	ND	N/A	N/A	N/A	NM
Toluene	ND	**94**	**92**	76-125	NM
Ethyl Benzene	ND	N/A	N/A	N/A	NM
Chloromethane	ND	N/A	N/A	N/A	NM
Bromomethane	ND	N/A	N/A	N/A	NM
Vinyl Chloride	ND	N/A	N/A	N/A	NM
Chloroethane	ND	N/A	N/A	N/A	NM
Acetone	ND	N/A	N/A	N/A	NM
Carbon Disulfide	ND	N/A	N/A	N/A	NM
Vinyl Acetate	ND	N/A	N/A	N/A	NM
2-Butanone	ND	N/A	N/A	N/A	NM
4-Methyl-2-Pentanone	ND	N/A	N/A	N/A	NM
2-Hexanone	ND	N/A	N/A	N/A	NM
Styrene	ND	N/A	N/A	N/A	NM
Total Xylenes	ND	N/A	N/A	N/A	NM
Acrylonitrile	ND	N/A	N/A	N/A	NM
1,2-Dichlorobenzene	ND	N/A	N/A	N/A	NM
1,4-Dichlorobenzene	ND	N/A	N/A	N/A	NM
Trans-1,4-Dichloro-2-butene	ND	N/A	N/A	N/A	NM
Cis-1,2-Dichloroethene	ND	N/A	N/A	N/A	NM
Methyl Iodide	ND	N/A	N/A	N/A	NM
Bromochloromethane	ND	N/A	N/A	N/A	NM
Dibromomethane	ND	N/A	N/A	N/A	NM
1,1,1,2-Tetrachloroethane	ND	N/A	N/A	N/A	NM
1,2,3-Trichloropropane	ND	N/A	N/A	N/A	NM
1,2-Dibromo-3-Chloropropane(DBCP)	ND	N/A	N/A	N/A	NM
1,2-Dibromoethane (EDB)	ND	N/A	N/A	N/A	NM

COMMENTS:

Corresponding Samples: **663263-73**

% = Percent

ND = Non Detected

N/A = Not Available

GROUNDWATER MONITORING FIELD LOG

			Personnel Present:	COMMENTS:
Facility	Wilkes County		Glenn Price	
	Germanton Landfill	December 15, 2009		
Weather	Fog - 46 F	Date		

Monitoring Well No..	MW-1	MW-2	MW-3	MW-4	MW-5	Upstream	Downstream	Outfall #1				
Total Depth (FT.)	89.69	81.54	64.00	28.21	23.47							
Surface Depth (FT.)	56.31	47.37	43.61	10.97	8.81							
Water Depth (FT.)	33.38	34.37	20.39	17.24	14.66							
Diameter (IN.)	4"	4"	4"	4"	2"							
Conversion Factor	0.65	0.65	0.65	0.65	0.16							
Well Volume (GAL.)	21.70	22.21	13.25	11.21	2.35							
Volume (GAL.) X 3	65.09	66.63	39.76	33.62	7.04							
# Bails (L)	260	268	160	135	29							
Purge Date	12/15/09	12/15/09	12/15/09	12/15/09	12/15/09							
Purge Time (hrs.)	1119	1022	0940	0833	0907							
Purge Method	Bailer	Bailer	Bailer	Bailer	Bailer							
Volume Removed (GAL.)	65.50	36.00 - Dry	40.00	34.00	7.25							
Sampling Date	12/15/09	12/15/09	12/15/09	12/15/09	12/15/09	12/15/09	12/15/09	12/15/09				
Sampling Time (hrs.)	1222	1108	1017	0853	0916	0800	0921	0859				
Sampling Method	Bailer	Bailer	Bailer	Bailer	Bailer	Grab	Grab	Grab				
pH (Standard Units)	5.89	6.21	5.48	6.13	6.27	7.11	7.14	6.36				
Temperature (EC)	13.3	14.0	13.8	14.1	13.7	3.9	3.8	4.6				
Conductivity (µmhos/cm)	156	63	52	450	1,300	4.7	60	1,060				
Dissolved Oxygen (mg/L)												
Observations\Sampling	Clear	Clear	Clear	Clear	Slightly Turbid	Clear	Clear	Clear				

* Duplicate

RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical / Process Consultations
Phone (336) 996-2841

CHAIN OF CUSTODY RECORD

COMPANY: Wilkes County Landfills
STREET ADDRESS:
CITY, STATE, ZIP:
CONTACT: PHONE:
JOB NO.:
PROJECT: Germanton
SAMPLER NAME (PLEASE PRINT): Glenn Price
SAMPLER SIGNATURE:

SAMPLE NUMBER (LAB USE ONLY)	DATE	TIME	COMP	GRAB	TEMP °C	RES Cl	CHLORINE REMOVED (Y or N)	SAMPLE MATRIX (S or W)	SAMPLE LOCATION / I.D.	NO. OF CONTAINERS	WATER / WASTEWATER: 2L G (BNA, Herb. / Pest.)	2 40ml Vials (VOA) HCL	250ml G (TOX)	250ml P (TOC) H_2SO_4	1L P,G (BOD, TSS, Unpreserved, etc.)	1L G (Phenol, Oil & Grease) H_2SO_4	1L P,G (COD, N, P) H_2SO_4	1L P,G (Metals, Hardness) HNO_3	Sterile P, G (CYANIDE) NaOH	MISC.: 1 Small Plastic	REQUESTED ANALYSIS
663263	12/15/09	1222		✓				W	MW-1	6		4						1		1	*See Remarks
264		1108		✓				W	MW-2	6		4						1		1	
265		1017		✓				W	MW-3	6		4						1		1	
266		0853		✓				W	MW-4	6		4						1		1	
267		0916		✓				W	MW-5	6		4						1		1	
268		0900		✓				W	upstream	6		4						1		1	
269		0921		✓				W	Downstream	6		4						1		1	
270		0859		✓				W	outfall #1	6		4						1		1	
271		0853		✓				W	Duplicate	6		4						1		1	
272		1228		✓				W	FB	5		4						1			FB
273		0600		✓				W	TB	5		4						1			TB

RELINQUISHED BY	DATE/TIME	RECEIVED BY
	12/16/09 09:18	
RELINQUISHED BY	DATE/TIME	RECEIVED BY

REMARKS: * Sb, As, Ba, Be, Cd, Cr, Cu, Ni, Se, Co, Pb, Ag, Ti, V, Zn, VOA 8260, Cond

ON ICE

SAMPLE TEMPERATURE AT RECEIPT 3.2 °C