

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



FIRST SEMIANNUAL GROUNDWATER MONITORING REPORT OF 2010

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

October 2010

Prepared by:



**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	June 28, 2010

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

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

J. Kerly
Signature

10-21-10
Date

Affix NC Licensed/ Professional Geologist Seal

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





Waste Industry Experts

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

October 21, 2010

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

www.JoyceEngineering.com

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

RE: **First Semiannual Groundwater Monitoring Report of 2010**
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 *First Semiannual Groundwater Monitoring Report of 2010*. This report completes the first semiannual compliance monitoring event of 2010 for Wilkes County Germantown Landfill. Research and Analytical Laboratories, Inc. (RAL) of Kernersville, NC performed the sampling on June 28, 2010 and the laboratory analyses.

Thirteen inorganic and four organic constituents were detected during the June 2010 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 NC2L Groundwater Standards (NC2L), Groundwater Protection Standards (GWPS) and/or NC2B Surface Water Standard (NC2B) for surface water. Data in parenthesis are duplicate samples from MW-5.

Constituent	NC2L/ GWPS*	Groundwater					Blanks
		MW-1	MW-2	MW-3	MW-4	MW-5	
Antimony	1.4*	ND	2.0 B	2.5 B	ND	1.2 B (ND)	2.2 J
Arsenic	10	ND	6.1 J	ND	ND	ND (ND)	ND
Barium	700	81.1 J	4.6 B	7.5 B	45.6 J	325 (362)	2.0 J
Cadmium	2	0.4 J	0.2 J	0.3 J	0.6 J	4.5 (4.8)	ND
Chromium	10	ND	1.4 J	ND	ND	ND (ND)	ND
Cobalt	70*	ND	ND	ND	5.8 J	15.6 (16.4)	ND
Copper	1,000	ND	ND	ND	2.0 J	1.3 J (2.3 J)	ND
Lead	15	4.8 J	2.9 J	4.7 J	ND	5.8 J (3.6 J)	ND
Nickel	100	ND	ND	ND	ND	5.7 J (5.7 J)	ND
Silver	20	1.2 J	1.4 J	1.4 J	ND	ND (ND)	ND
Thallium	0.28*	ND	3.0 J	ND	ND	ND (ND)	ND
Vanadium	3.5*	3.4 J	ND	ND	ND	3.3 J (7.1 J)	ND
Zinc	1,000	20.0 B	9.6 B	14.9 B	18.2 B	15.9 B (18.5 B)	9.0 J
Benzene	1	ND	ND	ND	ND	0.8 J (0.8 J)	ND
Chlorobenzene	50	ND	ND	ND	ND	7.7 (7.2)	ND
1,2-Dichlorobenzene	20	ND	ND	ND	ND	0.2 J (0.2 J)	ND
1,4-Dichlorobenzene	6	0.1 J	ND	ND	1.0	3.4 (3.4)	ND

ND = Not detected above laboratory detection limits.

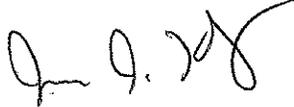
Constituent	NC2B	Surface Water			Blanks
		Downstream	Upstream	Outfall 1	
<i>Antimony</i>	NE	6.6 B	ND	ND	2.2 J
<i>Barium</i>	NE	18.1	19.6	234	2.0 J
<i>Cadmium</i>	2	0.3 J	ND	2.6	ND
<i>Cobalt</i>	NE	ND	ND	8.5 J	ND
<i>Lead</i>	25	3.4 J	2.1 J	2.7 J	ND
<i>Nickel</i>	88	ND	ND	8.5 J	ND
<i>Vanadium</i>	NE	ND	1.3 J	ND	ND
<i>Zinc</i>	50	8.5 B	24.6 B	25.9 B	9.0 J
<i>Benzene</i>	NE	ND	ND	0.3 J	ND
<i>Chlorobenzene</i>	NE	ND	ND	1.5 J	ND
<i>1,4-Dichlorobenzene</i>	NE	ND	ND	1.8	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 June 2010 results can be found in the *Laboratory Report and Field Data* section.

The Wilkes County Germantown Landfill will continue monitoring groundwater and surface water in accordance with criteria set forth in Rules .0500 and .0600 of the North Carolina Solid Waste Management Regulations. If you have any questions, please feel free to contact me at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.



Jeremy 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 GWPS = 1.4 µg/L (10/23/07) NC 2B = NE (03/28/08)	28-Nov-07	1.2	6.0	ND	ND	3.1	J	ND (2.8 J)	ND	ND	ND	1.7	J	NS	ND					
	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	
	22-Dec-08	1.2	6.0	ND		1.3	J	3.7 (ND)	J	ND	ND	ND	1.5	J	ND	NS	NS	ND	ND	
	23-Jun-09	1.2	6.0	5.9	J	2.3 (5.3 J)	J	ND	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	2.2	B	ND	4.6	B	NS	NS	3.5	J
	28-Jun-10	1.2	6.0	ND		2.0	B	2.5	B	ND	1.2 (ND)	B	6.6	B	ND	ND	NS	NS	2.2	J
Arsenic NC 2L = 50 µg/L (10/23/07) NC 2B = 50 µg/L (03/28/08)	19-Jun-07	5.5	10.0	ND	ND	8.2	J	ND	ND (ND)	7.7	J	ND	ND	NS	ND					
	28-Nov-07	5.5	10.0	ND	ND	ND		ND (ND)	ND	ND	ND	ND	ND	NS	ND					
	21-Apr-08	5.5	10.0	ND	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	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	ND	NS	ND					
28-Jun-10	5.5	10.0	ND		6.1	J	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	ND	567	NA				
	Apr-95	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	NA				
	Nov-95	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	NA				
	May-96	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	NA				
	Nov-96	NR	500	ND		ND		ND	ND	1040	ND	ND	ND	ND	NS	ND				
	Mar-97	NR	500	ND		ND		ND	ND	531	ND	ND	ND	ND	NS	ND				
	Sep-97	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Mar-98	NR	500	ND		ND		ND	ND	520	ND	ND	ND	ND	NS	ND				
	Sep-98	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Mar-99	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Sep-99	NR	500	ND		ND		ND	ND	549	ND	ND	ND	ND	NS	ND				
	May-00	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-00	NR	500	ND		ND		ND	ND	507	ND	ND	ND	ND	NS	ND				
	Mar-01	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-01	NR	500	ND		ND		ND	ND	566	ND	ND	ND	ND	NS	ND				
	Apr-02	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Nov-02	NR	500	ND		ND		ND	ND	500	ND	ND	ND	ND	NS	ND				
	May-03	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Nov-03	NR	500	ND		ND		ND	ND	ND(517)	ND	ND	ND	ND	NS	ND				
	Apr-04	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-04	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	May-05	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-05	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	23-May-06	NR	500	ND		ND		ND	ND	ND	ND	ND	ND	ND	NS	ND				
	09-Nov-06	NR	500	ND		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
	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
	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	
28-Jun-10	1.1	100	81.1	J	4.6	B	7.5	B	45.6	J	325 (362)	18.1		19.6		234	NS	2.0	J	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks						
		DL	RL	Groundwater					Surface Water											
				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	NS	NS	NS	NA				
	Sep-93	NR	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA				
	Apr-94	NR	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA				
	Oct-94	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA				
	Apr-95	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA				
	Nov-95	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA				
	May-96	NR	2	3	6	4	4	4	4	4	4	4	5	5	NS	NA				
	Nov-96	NR	2	ND	ND	ND	ND	ND	6	ND	ND	ND	ND	ND	NS	ND				
	Mar-97	NR	2	ND	ND	ND	2	4	ND	ND	ND	ND	ND	NS	ND	ND				
	Sep-97	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND				
	Mar-98	NR	2	ND	ND	6	ND	13	ND	ND	ND	ND	NS	ND	ND	ND				
	Sep-98	NR	2	ND	ND	ND	2	8	ND	ND	ND	7	NS	ND	ND	ND				
	Mar-99	NR	2	ND	ND	ND	3	9	ND	ND	ND	ND	NS	ND	ND	ND				
	Sep-99	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	May-00	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Oct-00	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Mar-01	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Oct-01	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Apr-02	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Nov-02	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	May-03	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Nov-03	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Apr-04	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Oct-04	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	May-05	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	Oct-05	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	23-May-06	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	09-Nov-06	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND				
	19-Jun-07	0.2	1.0	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND	ND	ND				
	28-Nov-07	0.2	1.0	ND	ND	0.6	B	ND (0.21 B)	ND	ND	ND	ND	NS	ND	ND	0.2	J			
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	ND	NS	ND				
23-Jun-09	0.2	1.0	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND				
15-Dec-09	0.2	1.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND	ND	NS	ND				
28-Jun-10	0.2	1.0	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND	ND	NS	ND				
Cadmium	Apr-93	NR	2	ND	6	2.1	2	5	2	2	2.3	2.8	NS	NA	NA					
	Sep-93	NR	2	ND	2.1	ND	ND	ND	ND	ND	ND	NS	NS	NA	NA					
	Apr-94	NR	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA	NA					
	Apr-95	NR	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA	NA					
	Nov-95	NR	1	ND	ND	ND	1	ND	ND	ND	ND	ND	NS	NA	NA					
	May-96	NR	1	1	10	ND	ND	ND	1	ND	4	NS	NA	NA	NA					
	Nov-96	NR	1	ND	4	1	1	23	ND	ND	ND	NS	ND	ND	ND					
	Mar-97	NR	1	ND	ND	1	3	18	ND	ND	ND	NS	ND	ND	ND					
	Sep-97	NR	1	1	1	2	4	15	ND	ND	ND	NS	ND	ND	ND					
	Mar-98	NR	1	ND	ND	2	ND	5	ND	ND	ND	NS	ND	ND	ND					
	Oct-94	NR	1	ND	ND	1	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	Sep-98	NR	1	ND	ND	ND (ND)	1	4	ND	ND	3	NS	ND	ND	ND					
	Mar-99	NR	1	ND	ND	ND (ND)	ND	2	ND	ND	ND	NS	ND	ND	ND					
	Sep-99	NR	1	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	May-00	NR	1	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	Oct-00	NR	1	1	ND	ND	2(1)	6	1	ND	1	NS	ND	ND	ND					
	Mar-01	NR	1	ND	ND (ND)	ND	1	4	ND	ND	ND	NS	ND	ND	ND					
	Oct-01	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND	ND	ND					
	Apr-02	NR	1	ND	2	ND	ND (ND)	1	ND	ND	ND	NS	ND	ND	ND					
	Nov-02	NR	1	ND	ND	ND (ND)	1	ND	ND	ND	ND	NS	ND	ND	ND					
	May-03	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND	ND	ND					
	Nov-03	NR	1	ND	ND	ND	ND	ND (ND)	ND	ND	ND	NS	ND	ND	ND					
	Apr-04	NR	1	ND	1	ND (ND)	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	Oct-04	NR	1	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	May-05	NR	1	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND					
	Oct-05	NR	1	ND	ND	ND	ND	ND	ND (ND)	ND	ND	NS	ND	ND	ND					
	23-May-06	NR	1	ND	ND (ND)	ND	1	6	ND	1	2	NS	ND	ND	ND					
	09-Nov-06	NR	1	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND	ND	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
	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	ND
21-Apr-08	0.2	1.0	0.5	J	0.3	J	0.4	J	ND (ND)	ND	ND	NS	ND	ND	NS	ND	ND	ND		
22-Dec-08	0.2	1.0	0.96	B	1.0	B	ND (ND)	ND	ND	ND	NS	ND	ND	ND	NS	ND	0.8	J	ND	
23-Jun-09	0.2	1.0	0.6	J	0.5 (ND)	J	ND	ND	0.3	J	ND	NS	ND	ND	NS	ND	ND	ND		
15-Dec-09	0.2	1.0	ND	0.8	J	ND	ND (ND)	ND	0.5	J	ND	NS	ND	ND	NS	ND	ND	ND		
28-Jun-10	0.2	1.0	0.4	J	0.2	J	0.3	J	0.6	J	4.5 (4.8)	0.3	J	ND	2.6	NS	ND	ND		

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks			
		DL	RL	Groundwater					Surface Water								
				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	ND	ND	NA		
	Sep-93	NR	20	ND	673	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	Apr-94	NR	20	ND	31	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	Oct-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	NA		
	Apr-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	Nov-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	May-96	NR	10	ND	118	11	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	Nov-96	NR	10	ND	48	12	ND	154	ND	ND	ND	ND	ND	NS	ND		
	Mar-97	NR	10	ND	ND	10	ND	38	ND	ND	ND	ND	ND	NS	ND		
	Sep-97	NR	10	ND	17	26	ND	11	ND	ND	ND	ND	ND	NS	ND		
	Mar-98	NR	10	ND	ND	25	ND	16	ND	ND	ND	ND	ND	NS	ND		
	Sep-98	NR	10	ND	ND	ND	12	17	ND	ND	ND	ND	ND	NS	ND		
	Mar-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Sep-99	NR	10	ND	ND	ND	ND	36	ND	ND	ND	ND	ND	NS	ND		
	May-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Oct-00	NR	10	ND	ND	ND	ND	11	ND	ND	ND	ND	ND	NS	ND		
	Mar-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Oct-01	NR	10	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	NS	ND		
	Apr-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Nov-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	May-03	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Nov-03	NR	10	ND	ND	ND	ND	ND	12(14)	ND	ND	ND	ND	NS	ND		
	Apr-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Oct-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	May-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	Oct-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND		
	23-May-06	NR	10	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	NS	ND		
	09-Nov-06	NR	10	ND	ND	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	6.1	J
	NC 2L = 50 µg/L (10/23/07)	0.7	10.0	1.8	J	3.3	J	1.3	J	9.0 (19.7)	J	4.3	J	10.8	J	ND	ND
	NC 2B = 50 µg/L (03/28/08)	0.7	10.0	2.1	J	ND	ND	ND	5.6 (ND)	J	ND	ND	ND	ND	NS	ND	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	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	NS
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	J	NS
NC 2L = 10 µg/L (01/01/10)	0.7	10.0	ND	J	1.4	J	ND	ND	ND (ND)	J	ND	J	ND	J	NS	ND	
Cobalt	Apr-93	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA		
	Sep-93	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA		
	Apr-94	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA		
	Oct-94	NR	10	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	24	NA		
	Apr-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	NS	NA		
	Nov-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA		
	May-96	NR	10	ND	34	ND	21	ND	ND	ND	ND	ND	13	NS	NA		
	Nov-96	NR	10	ND	11	ND	18	86	ND	ND	ND	ND	NS	NS	ND		
	Mar-97	NR	10	ND	ND	ND	20	44	ND	ND	ND	ND	NS	NS	ND		
	Sep-97	NR	10	ND	ND	0.014	31	27	ND	ND	ND	ND	NS	NS	ND		
	Mar-98	NR	10	ND	ND	34	18	37	ND	ND	ND	ND	NS	NS	ND		
	Sep-98	NR	10	ND	ND	ND	26	30	ND	ND	ND	12	NS	NS	ND		
	Mar-99	NR	10	ND	ND	ND	16	25	ND	ND	ND	ND	NS	NS	ND		
	Sep-99	NR	10	ND	ND	ND	17	33	ND	ND	ND	ND	NS	NS	ND		
	May-00	NR	10	ND	ND	ND	18	32	ND	ND	ND	ND	NS	NS	ND		
	Oct-00	NR	10	ND	ND	ND	23(22)	32	ND	ND	ND	ND	NS	NS	ND		
	Mar-01	NR	10	ND	ND	ND	18	24	ND	ND	ND	ND	NS	NS	ND		
	Oct-01	NR	10	ND	ND	20	20(20)	35	ND	ND	ND	ND	NS	NS	ND		
	Apr-02	NR	10	ND	ND	ND	11(12)	25	ND	ND	ND	ND	NS	NS	ND		
	Nov-02	NR	10	ND	ND	ND	20	28	ND	ND	ND	ND	NS	NS	ND		
	May-03	NR	10	ND	ND	ND	19(19)	22	ND	ND	ND	ND	NS	NS	ND		
	Nov-03	NR	10	ND	ND	ND	16	28(29)	ND	ND	ND	ND	NS	NS	ND		
	Apr-04	NR	10	ND	ND	ND	13	23	ND	ND	ND	12	NS	NS	ND		
	Oct-04	NR	10	ND	ND	ND	14	19	ND	ND	ND	ND	NS	NS	ND		
	May-05	NR	10	ND	ND	ND	11	23	ND	ND	ND	11	NS	NS	ND		
	Oct-05	NR	10	ND	ND	ND	19	19(20)	ND	ND	ND	ND	NS	NS	ND		
	23-May-06	NR	10	ND	ND	ND	15	24	ND	ND	ND	10	NS	NS	ND		
	09-Nov-06	NR	10	ND	ND	ND	16(15)	19	ND	ND	ND	ND	NS	NS	ND		
	19-Jun-07	0.7	10.0	ND	ND	ND	14.8	28.2 (23.8)	ND	ND	ND	10.6	NS	NS	ND		
	NC 2B = NE (03/28/08)	0.7	10.0	ND	0.8	J	ND	19.4 (15.3)	18.8	ND	ND	ND	NS	NS	ND		
	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		
28-Jun-10	0.7	10.0	ND	ND	ND	ND	5.8	J	15.6 (16.4)	ND	ND	8.5	J	NS	ND		

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks									
		DL	RL	Groundwater					Surface Water														
				MW-1	MW-2	MW-3	MW-4	MW-5	Downstream	Upstream	Outfall #1	Outfall #2											
Copper	Apr-93	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	263	ND	NA									
	Sep-93	NR	10	ND	138	ND	ND	ND	ND	ND	ND	NS	NS	NA									
	Apr-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA									
	Oct-94	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA									
	Apr-95	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA									
	Nov-95	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA									
	May-96	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA									
	Nov-96	NR	200	ND	ND	ND	ND	114	ND	ND	ND	ND	NS	ND									
	Mar-97	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Sep-97	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Mar-98	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Sep-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Mar-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Sep-99	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	May-00	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Oct-00	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Mar-01	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Oct-01	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Apr-02	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Nov-02	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	May-03	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Nov-03	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Apr-04	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Oct-04	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	May-05	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	Oct-05	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	23-May-06	NR	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND									
	09-Nov-06	NR	200	ND	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)	B	30.5 (22.0 B)	B	7.4	B	3.7	B	2.8	B	3.3	B	NS	2.5
NC 2B = 7 µg/L (03/28/08)	21-Apr-08	2.0	10.0	2.3	B	ND	ND	ND	20.6 (22.0 B)	B	7.4	B	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	NS	ND	ND
	23-Jun-09	2.0	10.0	ND	ND (ND)	ND	ND	5.5	J	4.4	J	1.3	J	ND	ND	ND	ND	ND	ND	ND	NS	ND	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	ND	ND	ND	ND	ND	ND	NS	2.7	J
NC 2L = 1,000 µg/L (01/01/10)	28-Jun-10	2.0	10.0	ND	ND	ND	ND	2.0	J	1.3 (2.3 J)	J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
Lead	Apr-93	NR	5	ND	497	22	ND	18.1	ND	ND	163	ND	ND	NA									
	Sep-93	NR	5	ND	224	16	5	ND	ND	ND	NS	NS	NS	NA									
	Apr-94	NR	5	ND	14.2	6	13	6	ND	ND	ND	ND	ND	NA									
	Oct-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA									
	Apr-95	NR	10	ND	ND	11	ND	ND	ND	ND	ND	NS	NS	NA									
	Nov-95	NR	10	ND	ND	13	ND	ND	ND	ND	ND	NS	NS	NA									
	May-96	NR	10	ND	41	21	11	ND	ND	ND	ND	NS	NS	NA									
	Nov-96	NR	10	ND	20	22	ND	96	ND	ND	ND	NS	NS	ND									
	Mar-97	NR	10	ND	ND	19	ND	37	ND	ND	ND	NS	NS	ND									
	Sep-97	NR	10	ND	12	51	ND	12	ND	19	ND	NS	NS	ND									
	Mar-98	NR	10	ND	ND	130	ND	30	ND	ND	ND	NS	NS	ND									
	Sep-98	NR	10	ND	ND	ND	11	14	ND	ND	ND	NS	NS	ND									
	Mar-99	NR	10	ND	ND	ND	ND	8	ND	ND	ND	NS	NS	ND									
	Sep-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	May-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Oct-00	NR	10	ND	ND	ND	18(10)	15	ND	ND	ND	NS	NS	ND									
	Mar-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Oct-01	NR	10	ND	ND	ND	ND	19	ND	ND	ND	NS	NS	ND									
	Apr-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Nov-02	NR	10	ND	ND	ND	ND	16	ND	ND	ND	NS	NS	ND									
	May-03	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Nov-03	NR	10	ND	ND	ND	ND	16(20)	ND	ND	ND	NS	NS	ND									
	Apr-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Oct-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	May-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	Oct-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND									
	23-May-06	NR	10	ND	ND	ND	ND	12	ND	ND	ND	NS	NS	ND									
	09-Nov-06	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	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	ND	3.1	J			
	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	NS	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	J	3.2	J	ND	4.6	J	ND	NS	ND	ND	
	15-Dec-09	2.0	10.0	ND	3.8	J	ND	5.6 (ND)	J	7.5	J	ND	ND	ND	ND	NS	NS	NS	ND	NS	ND	ND	
	28-Jun-10	2.0	10.0	4.8	J	2.9	J	4.7	J	ND	5.8 (3.6 J)	J	3.4	J	2.1	J	2.7	J	NS	NS	ND	ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks						
		DL	RL	Groundwater					Surface Water											
				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	NS	NS	NS	NA				
	Sep-93	NR	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA				
	Apr-94	NR	50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA				
	Oct-94	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA				
	Apr-95	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA				
	Nov-95	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA				
	May-96	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA				
	Nov-96	NR	50	ND	ND	ND	ND	ND	76	ND	ND	ND	ND	ND	NS	ND				
	Mar-97	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Sep-97	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Mar-98	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Sep-98	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Mar-99	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Sep-99	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	May-00	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-00	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Mar-01	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-01	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Apr-02	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Nov-02	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	May-03	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Nov-03	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Apr-04	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-04	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	May-05	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	Oct-05	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	23-May-06	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND				
	09-Nov-06	NR	50	ND	ND	ND	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	12.8	B	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
	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	NS
		22-Dec-08	0.6	50.0	ND	ND	J	5.7	ND (ND)	7.5	J	13.2	J	ND	ND	7.8	J	NS	ND	NS
	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	NS	
	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	ND	NS	
	28-Jun-10	0.6	10.0	ND	ND	ND	ND	ND	5.7 (5.7 J)	J	ND	ND	ND	8.5	J	NS	ND	ND	NS	
Selenium	Apr-93	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA				
	Sep-93	NR	5	ND	25	ND	5	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	Apr-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	Oct-94	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	Apr-95	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	Nov-95	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	May-96	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NA				
	Nov-96	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Mar-97	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Sep-97	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Mar-98	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Sep-98	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Mar-99	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Sep-99	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	May-00	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Oct-00	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Mar-01	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Oct-01	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Apr-02	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Nov-02	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	May-03	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Nov-03	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Apr-04	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Oct-04	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	May-05	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	Oct-05	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	23-May-06	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	09-Nov-06	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	19-Jun-07	6.3	10.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	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	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	ND	NS	NS	ND				
		22-Dec-08	6.3	10.0	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	NS	ND				
	23-Jun-09	6.3	10.0	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	NS	NS	ND					
	15-Dec-09	6.3	10.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	NS	ND					
NC 2L = 20 µg/L (01/01/10)	28-Jun-10	6.3	10.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	NS	ND					

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks	
		DL	RL	Groundwater					Surface Water						
				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	ND	ND	NA
	Sep-93	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NA
	Apr-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Oct-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	10	ND	ND	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	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	ND	NS	ND
		22-Dec-08	1.1	10.0	ND	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	
	15-Dec-09	1.1	10.0	ND	ND	ND	2.3 (ND)	B	ND	1.4	B	2.2	B	ND	NS
NC 2L = 20 µg/L (01/01/10)	28-Jun-10	1.1	10.0	1.2	J	1.4	J	1.4	J	ND	B	ND (ND)	ND	NS	1.6
														NS	ND
Thallium	Apr-93	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Sep-93	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Apr-94	NR	10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
	Oct-94	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Apr-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	10	ND	ND	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	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	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
		22-Dec-08	2.7	5.5	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	4.0
	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	ND	NS	ND	
	28-Jun-10	2.7	5.5	ND	3.0	J	ND	ND	ND (ND)	ND	ND	ND	NS	ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks			
		DL	RL	Groundwater					Surface Water								
				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	NS	NS	NS	NA	
	Sep-93	NR	40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	
	Apr-94	NR	40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	
	Oct-94	NR	40	ND	ND	ND	174	62	ND	ND	127	256	ND	ND	ND	NS	NA
	Apr-95	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	40	ND	152	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	40	ND	59	ND	ND	203	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	40	ND	ND	ND	ND	66	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	40	ND	ND	55	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	40	ND	ND	87	ND	48	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	40	ND	ND	ND	ND	92	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	40	ND	ND	ND	ND	57	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	40	ND	ND	ND	ND	41(47)	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	40	ND	ND	ND	ND	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	ND	ND	ND	ND	NS	ND
	28-Nov-07	0.4	25.0	ND	3.0	J ND	11.3 (7.4 J)	J ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
21-Apr-08	0.4	25.0	ND	4.0	J ND	4.3 (4.6 J)	J 22.4	ND	ND	ND	ND	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	ND	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	ND	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	ND	ND	NS	5.2	
28-Jun-10	0.4	25.0	3.4	J ND	ND	ND	3.3 (7.1 J)	J ND	1.3	J ND	B	NS	ND	ND	NS	ND	
Zinc	Apr-93	NR	20	49	312	78	44	59	ND	34	4290	83	ND	ND	NS	NA	
	Sep-93	NR	20	ND	1640	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	NA	
	Apr-94	NR	20	25	88	ND	ND	ND	26	26	54	60	ND	ND	NS	NA	
	Oct-94	NR	50	ND	68	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA	
	Apr-95	NR	50	ND	ND	98	ND	ND	ND	ND	ND	NS	ND	ND	NS	NA	
	Nov-95	NR	50	ND	ND	ND	ND	81	ND	50	84	NS	ND	ND	NS	NA	
	May-96	NR	50	97	327	159	68	70	71	ND	91	NS	ND	ND	NS	NA	
	Nov-96	NR	50	90	159	84	ND	418	50	86	ND	NS	ND	ND	NS	ND	
	Mar-97	NR	50	ND	99	88	56	130	ND	ND	ND	NS	ND	ND	NS	ND	
	Sep-97	NR	50	70	560	200	72	171	118	200	ND	NS	ND	ND	NS	ND	
	Mar-98	NR	50	ND	168	197	ND	94	ND	ND	197	NS	ND	ND	NS	ND	
	Sep-98	NR	50	ND	ND	ND	ND	ND	159	ND	123	NS	ND	ND	NS	ND	
	Mar-99	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Sep-99	NR	50	ND	ND	ND	ND	61	ND	ND	ND	NS	ND	ND	NS	ND	
	May-00	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	NA	
	Oct-00	NR	50	ND	63	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Mar-01	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Oct-01	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Apr-02	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Nov-02	NR	50	52	70	57(ND)	50	69	ND	ND	ND	NS	ND	ND	NS	ND	
	May-03	NR	50	ND	77	ND	ND	ND	50	ND	61	NS	ND	ND	NS	ND	
	Nov-03	NR	50	ND	ND	ND	78	52(89)	ND	51	135	NS	ND	ND	NS	ND	
	Apr-04	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Oct-04	NR	50	ND	ND	ND	ND	ND	ND	ND	138	NS	ND	ND	NS	ND	
	May-05	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	Oct-05	NR	50	137	ND	ND	ND	ND	ND	ND	79	NS	ND	ND	NS	ND	
	23-May-06	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	09-Nov-06	NR	50	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS	ND	
	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	NS	ND	
	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	NS	ND	
21-Apr-08	2.7	10.0	ND	ND	ND	ND (ND)	17.9	B ND	ND	21.3	B NS	6.0	J	NS	ND		
22-Dec-08	2.7	10.0	ND	10.3	B ND (ND)	ND	11.4	B ND	ND	ND	NS	11.1	J	NS	ND		
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	NS	ND		
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		NS	ND		
28-Jun-10	2.7	10.0	20.0	B 9.6	B 14.9	B 18.2	B 15.9 (18.5 B)	B 8.5	B 24.6	B 25.9	B NS	9.0	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	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	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	ND	ND	NS	ND
NC 2L = 3 µg/L (01/01/10)	28-Jun-10	0.1	1.0	ND	ND	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	NS	ND
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-95	NR	5	ND	ND	ND	ND	8	ND	ND	ND	ND	ND	NS	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-04	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND
	09-Nov-06	NR	5	ND	ND	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	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	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	ND	ND	NS	ND
	22-Dec-08	0.1	5.0	ND	ND	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	ND	ND	NS	ND
	15-Dec-09	0.1	5.0	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	NS	ND
	28-Jun-10	0.1	5.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	NS	ND

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks	
		DL	RL	Groundwater					Surface Water						
				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	ND	ND	NA
	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Apr-02	NR	5	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	ND	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	5.2	ND	ND	ND	ND	ND	ND
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Oct-04	NR	5	ND	ND	ND	ND	ND	6.7	ND	ND	ND	ND	ND	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	19-Jun-07	0.1	5.0	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	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	ND	ND	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	ND	ND
		22-Dec-08	0.1	5.0	ND	ND	ND (ND)	ND	0.3	J	ND	ND	ND	ND	ND
	23-Jun-09	0.1	5.0	ND	ND (ND)	ND	ND	0.4	J	ND	ND	ND	ND	ND	
	15-Dec-09	0.1	5.0	ND	ND	ND	ND (ND)	0.4	J	ND	ND	ND	ND	ND	
NC 2L = 20 µg/L (01/01/10)	28-Jun-10	0.1	5.0	ND	ND	ND	ND	0.2 (0.2 J)	J	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mar-98	NR	5	ND	ND	ND	ND	6	7	ND	ND	ND	ND	ND	ND
	Sep-98	NR	5	ND	ND	ND	ND	5	5	ND	ND	ND	ND	ND	ND
	Mar-99	NR	5	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND
	Sep-99	NR	5	ND	ND	ND	ND	7.8	ND	ND	ND	ND	ND	ND	ND
	May-00	NR	5	ND	ND	ND	ND	6.9	6	ND	ND	ND	ND	ND	ND
	Oct-00	NR	5	ND	ND	ND	ND	6.1(5.7)	5	ND	ND	ND	ND	ND	ND
	Mar-01	NR	5	ND	ND	ND	ND	ND	5.5	ND	ND	ND	ND	ND	ND
	Oct-01	NR	5	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND
	Apr-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	May-03	NR	5	ND	ND	ND	ND	5.0(5.1)	5.8	ND	ND	ND	ND	ND	ND
	Nov-03	NR	5	ND	ND	ND	ND	ND	5.5(5.0)	ND	ND	ND	ND	ND	ND
	Apr-04	NR	5	ND	ND	ND	ND	ND	6.0	ND	ND	ND	ND	ND	ND
	Oct-04	NR	NR	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND	ND
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09-Nov-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	19-Jun-07	0.1	1.0	ND	ND	ND	ND	2.2	4.8 (5.0)	ND	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	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	ND	1.6	NS	ND
		22-Dec-08	0.1	1.0	ND	ND	ND (ND)	2.1	4.4	ND	ND	ND	1.2	NS	ND
		23-Jun-09	0.1	1.0	ND	ND (3.3)	ND	1.6	4.1	ND	ND	ND	2.3	NS	ND
	15-Dec-09	0.1	1.0	ND	ND	ND	2.2 (2.0)	4.8	ND	ND	ND	1.8	NS	ND	
NC 2L = 6 µg/L (01/01/10)	28-Jun-10	0.1	1.0	0.1	J	ND	ND	1.0	3.4 (3.4)	ND	ND	1.8	NS	ND	

SUMMARY OF HISTORICALLY DETECTED CONSTITUENTS

Constituent	Date	Concentration (µg/L)												Blanks		
		DL	RL	Groundwater					Surface Water							
				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	ND	ND	NA	
	Oct-94	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	
	Apr-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	
	Nov-95	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA	
	May-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NA	
	Nov-96	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Mar-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Sep-97	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Mar-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Sep-98	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Mar-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Sep-99	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	May-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Oct-00	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Mar-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Oct-01	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Apr-02	NR	5	ND	9.3	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Nov-02	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	May-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Nov-03	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Apr-04	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Oct-04	NR	NR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	May-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	Oct-05	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	23-May-06	NR	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	
	09-Nov-06	NR	5	ND	ND	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	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	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	ND	NS	ND	
	23-Jun-09	0.3	4.0	ND	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	ND	1.2	J	NS	ND	
NC 2L = 5,000 µg/L (01/01/10)	28-Jun-10	0.3	5.0	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	NS	ND		

Notes:

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

Laboratory Report and Field Data

Wilkes County- Germantown Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-1	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	MW-1	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-39-3	15	Barium	81.1	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	744-43-9	34	Cadmium	0.4	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7439-92-1	131	Lead	4.8	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-22-4	184	Silver	1.2	ug/L	J	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-62-2	209	Vanadium	3.4	ug/L	J	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-1	7440-66-6	213	Zinc	20.0	ug/L	U	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

RAL Sample #: 677139
 N/A = Not Applicable

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-1	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	79-01-6	201	Trichloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	10061-02-6	87	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-25-2	30	Trans-1,3-Dichloropropene	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	79-34-5	191	Bromoform	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	74-83-9	136	Bromomethane	1.0	ug/L	U	SW846 8260B	0.2	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	110-46-7	71	1,4-Dichlorobenzene	0.1	ug/L	J	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-1	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

N/A = Not Applicable
 RAL Sample #: 677139

Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-2	7440-36-0	13	Antimony	2.0	ug/L	J	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/19/2010	34
97-01	MW-2	7440-38-2	14	Arsenic	6.1	ug/L	J	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-39-3	15	Barium	4.6	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	744-43-9	34	Cadmium	0.2	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-47-3	51	Chromium	1.4	ug/L	J	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7439-92-1	131	Lead	2.9	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-22-4	184	Silver	1.4	ug/L	J	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-28-0	194	Thallium	3.0	ug/L	J	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-2	7440-66-6	213	Zinc	9.6	ug/L	J	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

RAL Sample #: 677140
 N/A = Not Applicable

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-2	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	79-01-6	201	Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	127-18-4	192	Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	156-60-5	79	Trans-1,2-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	10061-02-6	87	Trans-1,3-Dichloropropene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.3	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	74-83-9	136	Bromomethane	1.0	ug/L	U	SW846 8260B	0.2	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-00-3	41	Chloroethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	0.1	0.5	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	100-42-5	186	Styrene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	156-59-2	78	Cis-1,2-Dichloroethene	10.0	ug/L	U	SW846 8260B	0.1	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	74-88-4	142	Methyl Iodide	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	74-97-5	28	Bromochloromethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	74-95-3	139	Dibromomethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-2	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

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N/A = Not Applicable

Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-3	7440-36-0	13	Antimony	2.5	ug/L	J	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	MW-3	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-39-3	15	Barium	7.5	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	744-43-9	34	Cadmium	0.3	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7439-92-1	131	Lead	4.7	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-22-4	184	Silver	1.4	ug/L	J	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-62-2	209	Vanadium	25	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-3	7440-66-6	213	Zinc	14.9	ug/L	J	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
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RAL Sample #: 677141
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Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-3	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	56-23-5	36	Carbon Tetrachloride	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	79-01-6	201	Trichloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.2	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	79-34-5	191	1,1,2,2-Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	74-83-9	136	Bromoethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-3	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NC DENR.
 B = Lab blank contamination.
 ug/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	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-4	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	MW-4	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-39-3	15	Barium	45.6	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	744-43-9	34	Cadmium	0.6	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-48-4	53	Cobalt	5.8	ug/L	J	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-50-8	54	Copper	2.0	ug/L	J	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7439-92-1	131	Lead	10.0	ug/L	U	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-4	7440-66-6	213	Zinc	18.2	ug/L	U	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.

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B = Lab blank contamination.

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

N/A = Not Applicable

RAL Sample #: 677142

Wilkes County- Germantown Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-4	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	79-01-6	201	Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	127-18-4	192	Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	156-60-5	79	Trans-1,2-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	79-34-5	191	1,1,2,2-Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	110-37-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	156-59-2	78	Cis-1,2-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	1.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-4	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NC DENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

N/A = Not Applicable

Wilkes County- Germantown Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-5	7440-36-0	13	Antimony	1.2	ug/L	J	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/19/2010	34
97-01	MW-5	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-39-3	15	Barium	325	ug/L		SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	744-43-9	34	Cadmium	4.5	ug/L		SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-48-4	53	Cobalt	15.6	ug/L		SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-50-8	54	Copper	1.3	ug/L	J	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7439-92-1	131	Lead	5.8	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-02-0	152	Nickel	5.7	ug/L	J	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-62-2	209	Vanadium	3.3	ug/L	J	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	MW-5	7440-66-6	213	Zinc	15.9	ug/L		SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.

J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.

B = Lab blank contamination.

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

N/A = Not Applicable

RAL Sample #: 677143

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	MW-5	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	79-01-6	201	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.2	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	127-18-4	192	Tetrachloroethene	7.7	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	108-90-7	39	Chlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	156-60-5	79	Trans-1,2-Dichloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	10061-01-5	86	Cis-1,3-Dichloropropene	0.8	ug/L	J	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.2	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	95-50-1	69	1,2-Dichlorobenzene	0.2	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	106-46-7	71	1,4-Dichlorobenzene	3.4	ug/L	J	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	110-57-6	73	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	156-59-2	78	Trans-1,4-Dichloro-2-butene	10.0	ug/L	U	SW846 8260B	0.1	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	MW-5	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

77143
 RAL Sample #: 677143
 N/A = Not Applicable

Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Upstream	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	Upstream	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-39-3	15	Barium	19.6	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	744-43-9	34	Cadmium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7439-92-1	131	Lead	2.1	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-62-2	209	Vanadium	1.3	ug/L	J	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Upstream	7440-66-6	213	Zinc	24.6	ug/L	U	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.

J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.

B = Lab blank contamination.

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

RAL Sample #: 677144

N/A = Not Applicable

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Upstream	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	79-01-6	201	Trichloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	124-48-1	66	Dibromochloromethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	127-18-4	192	Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	156-60-5	79	Trans-1,2-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	107-06-2	76	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.5	5.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	630-20-6	190	1,1,1,2-Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Upstream	106-93-4	68	1,2-Dibromochloroethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NC DENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

NC Laboratory Certification Number
 677144
 RAL Sample #: 677144
 N/A = Not Applicable

Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Downstream	7440-36-0	13	Antimony	6.6	ug/L		SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/19/2010	34
97-01	Downstream	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-39-3	15	Barium	18.1	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	744-43-9	34	Cadmium	0.3	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7439-92-1	131	Lead	3.4	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Downstream	7440-66-6	213	Zinc	8.5	ug/L	J	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.

J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.

B = Lab blank contamination.

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

N/A = Not Applicable

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Downstream	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	56-23-5	36	Carbon Tetrachloride	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	79-01-6	201	Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	127-18-4	192	Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	156-60-5	79	Trans-1,2-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	71-43-2	16	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	1.0	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Downstream	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

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Wilkes County- Germantown Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Outfall #1	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	Outfall #1	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-39-3	15	Barium	234	ug/L		SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	744-43-9	34	Cadmium	2.6	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-48-4	53	Cobalt	8.5	ug/L	J	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7439-92-1	131	Lead	2.7	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-02-0	152	Nickel	8.5	ug/L	J	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Outfall #1	7440-66-6	213	Zinc	25.9	ug/L		SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

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 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
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N/A = Not Applicable

RAL Sample #: 677146

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Outfall #1	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	79-01-6	201	Trichloroethene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	124-48-1	66	Dibromochloromethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	108-90-7	39	Chlorobenzene	1.5	ug/L	J	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	156-60-5	79	Trans-2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	10061-01-5	86	Cis-1,3-Dichloropropene	0.3	ug/L	J	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	10061-02-6	87	Trans-1,3-Dichloropropene	3.0	ug/L	U	SW846 8260B	0.3	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	79-34-5	191	1,1,2,2-Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	74-83-9	136	Bromomethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	75-00-3	41	Chloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	108-05-4	35	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	67-64-1	3	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	78-93-3	141	2-Butanone	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	108-10-1	147	4-Methyl-2-Pentanone	1.0	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	591-78-6	124	Styrene	1.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	100-42-5	186	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	1330-20-7	346	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	107-13-1	8	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	95-50-1	69	1,4-Dichlorobenzene	1.8	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	106-46-7	71	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	110-57-6	73	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	156-59-2	78	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	74-88-4	142	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	74-97-5	28	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	74-95-3	139	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	630-20-6	190	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	96-18-4	206	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	92-12-8	67	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Outfall #1	106-93-4	68													

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Wilkes County- Germantown Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Duplicate	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	Duplicate	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-39-3	15	Barium	362	ug/L		SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	744-43-9	34	Cadmium	4.8	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-48-4	53	Cobalt	16.4	ug/L		SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-50-8	54	Copper	2.3	ug/L	J	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7439-92-1	131	Lead	3.6	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-02-0	152	Nickel	5.7	ug/L	J	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-62-2	209	Vanadium	7.1	ug/L	J	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	Duplicate	7440-66-6	213	Zinc	18.5	ug/L		SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

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RAL Sample #: 677147

Wilkes County- Germantown Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	Duplicate	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-35-4	77	1,1-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	79-01-6	201	Trichloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.2	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	127-18-4	192	Tetrachloroethene	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	108-90-7	39	Chlorobenzene	7.2	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-27-4	29	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	100-41-4	110	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	74-87-3	137	Chloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	95-50-1	69	1,2-Dichlorobenzene	0.2	ug/L	J	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	106-46-7	71	1,4-Dichlorobenzene	3.4	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	Duplicate	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

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RAL Sample #: 677147

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Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	FB	7440-36-0	13	Antimony	2.2	ug/L	J	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	FB	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-39-3	15	Barium	2.0	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	744-43-9	34	Cadmium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-48-4	53	Cobalt	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7439-92-1	131	Lead	10.0	ug/L	U	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	FB	7440-66-6	213	Zinc	9.0	ug/L	J	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

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Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	FB	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	79-01-6	201	Trichloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	124-48-1	66	Dibromochloromethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	127-18-4	192	Tetrachloroethene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	108-90-7	39	Chlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	10061-02-6	87	Trans-1,3-Dichloropropene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-25-2	30	Bromoform	1.0	ug/L	U	SW846 8260B	0.3	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.3	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	74-87-3	137	Chloromethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	74-83-9	136	Bromomethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-00-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-00-3	41	Chloroethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-01-4	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	FB	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NC DENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

N/A = Not Applicable

Wilkes County- Germanton Landfill - Inorganics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	TB	7440-36-0	13	Antimony	6.0	ug/L	U	SW846 7010	1.2	3.0	6.0	1	06/28/2010	06/29/2010	07/17/2010	34
97-01	TB	7440-38-2	14	Arsenic	10.0	ug/L	U	SW846 6010C	5.5	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-39-3	15	Barium	2.2	ug/L	J	SW846 6010C	1.1	40.0	100	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-41-7	23	Beryllium	1.0	ug/L	U	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	744-43-9	34	Cadmium	0.2	ug/L	J	SW846 6010C	0.2	1.0	1.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-47-3	51	Chromium	10.0	ug/L	U	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-48-4	53	Cobalt	0.8	ug/L	J	SW846 6010C	0.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-50-8	54	Copper	10.0	ug/L	U	SW846 6010C	2.0	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7439-92-1	131	Lead	3.6	ug/L	J	SW846 6010C	2.0	5.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-02-0	152	Nickel	50.0	ug/L	U	SW846 6010C	0.6	10.0	50.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7782-49-2	183	Selenium	10.0	ug/L	U	SW846 6010C	6.3	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-22-4	184	Silver	10.0	ug/L	U	SW846 6010C	1.1	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-28-0	194	Thallium	5.5	ug/L	U	SW846 6010C	2.7	5.0	5.5	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-62-2	209	Vanadium	25.0	ug/L	U	SW846 6010C	0.4	10.0	25.0	1	06/28/2010	06/29/2010	06/30/2010	34
97-01	TB	7440-66-6	213	Zinc	12.1	ug/L	U	SW846 6010C	2.7	10.0	10.0	1	06/28/2010	06/29/2010	06/30/2010	34

U = Not detected.

J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.

B = Lab blank contamination.

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

N/A = Not Applicable

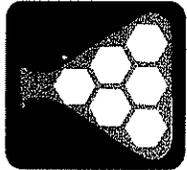
RAL Sample #: 677149

Wilkes County- Germanton Landfill - Volatile Organics

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	METHOD	MDL	MRL	SWSL	DILUTION FACTOR	COLLECTION DATE	EXTRACTION DATE	ANALYSIS DATE	NC Laboratory Certification Number
97-01	TB	75-09-2	140	Methylene Chloride	1.0	ug/L	U	SW846 8260B	0.6	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-69-4	203	Trichlorofluoromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-35-4	77	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-34-3	75	1,1-Dichloroethane	5.0	ug/L	U	SW846 8260B	0.2	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	67-66-3	44	Chloroform	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	56-23-5	36	Carbon Tetrachloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	78-87-5	82	1,2-Dichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	79-01-6	201	Trichloroethene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	124-48-1	66	Dibromochloromethane	3.0	ug/L	U	SW846 8260B	0.2	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	79-00-5	202	1,1,2-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	127-18-4	192	Tetrachloroethane	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	108-90-7	39	Chlorobenzene	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	156-60-5	79	Trans-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	107-06-2	76	1,2-Dichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	71-55-6	200	1,1,1-Trichloroethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-27-4	29	Bromodichloromethane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	10061-01-5	86	Cis-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	71-43-2	16	Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	10061-02-6	87	Trans-1,3-Dichloropropene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-25-2	30	Bromoform	3.0	ug/L	U	SW846 8260B	0.3	1.0	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	79-34-5	191	1,1,2,2-Tetrachloroethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	108-88-3	196	Toluene	1.0	ug/L	U	SW846 8260B	0.3	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	100-41-4	110	Ethyl Benzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	74-87-3	137	Chloroethane	1.0	ug/L	U	SW846 8260B	0.1	1.0	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	74-83-9	136	Bromomethane	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-01-4	211	Vinyl Chloride	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-00-3	41	Chloroethane	10.0	ug/L	U	SW846 8260B	0.1	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	67-64-1	3	Acetone	100	ug/L	U	SW846 8260B	1.2	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	75-15-0	35	Carbon Disulfide	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	108-05-4	210	Vinyl Acetate	50.0	ug/L	U	SW846 8260B	0.2	1.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	78-93-3	141	2-Butanone	100	ug/L	U	SW846 8260B	0.9	25	100	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	108-10-1	147	4-Methyl-2-Pentanone	100	ug/L	U	SW846 8260B	1.0	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	591-78-6	124	2-Hexanone	50.0	ug/L	U	SW846 8260B	1.4	5.0	50.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	100-42-5	186	Styrene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	1330-20-7	346	Total Xylenes	5.0	ug/L	U	SW846 8260B	0.3	1.0	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	107-13-1	8	Acrylonitrile	200	ug/L	U	SW846 8260B	12.4	100	200	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	95-50-1	69	1,2-Dichlorobenzene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	106-46-7	71	1,4-Dichlorobenzene	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	110-57-6	73	Trans-1,4-Dichloro-2-butene	100	ug/L	U	SW846 8260B	0.5	5.0	100	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	156-59-2	78	Cis-1,2-Dichloroethene	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	74-88-4	142	Methyl Iodide	10.0	ug/L	U	SW846 8260B	0.2	1.0	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	74-97-5	28	Bromochloromethane	3.0	ug/L	U	SW846 8260B	0.1	0.5	3.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	74-95-3	139	Dibromomethane	10.0	ug/L	U	SW846 8260B	0.3	0.5	10.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	630-20-6	190	1,1,1,2-Tetrachloroethane	5.0	ug/L	U	SW846 8260B	0.1	0.5	5.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	96-18-4	206	1,2,3-Trichloropropane	1.0	ug/L	U	SW846 8260B	0.1	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	92-12-8	67	1,2-Dibromo-3-Chloropropane(DBCP)	13.0	ug/L	U	SW846 8260B	0.5	5.0	13.0	1	06/28/2010	N/A	07/12/2010	34
97-01	TB	106-93-4	68	1,2-Dibromoethane (EDB)	1.0	ug/L	U	SW846 8260B	0.2	0.5	1.0	1	06/28/2010	N/A	07/12/2010	34

U = Not detected.
 J = Concentrations that are detected below the SWSLs. These concentrations are considered "estimated" per NCDENR.
 B = Lab blank contamination.
 ug/L = micrograms per Liter = parts per billion (ppb)

N/A = Not Applicable
 677149
 RAL Sample #:



RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical / Process Consultations
Phone (336) 996-2841

CHAIN OF CUSTODY RECORD

COMPANY		JOB NO.		WATER / WASTEWATER										MISC.						
Street Address		PROJECT																		
City, State, Zip		SAMPLER NAME (PLEASE PRINT)																		
CONTACT		SAMPLER SIGNATURE																		
SAMPLE NUMBER (LAB USE ONLY)	DATE	TIME	TEMP °C	COMPRAB	RES CI	CHLORINE REMOVED (Y or N)	SAMPLE MATRIX (S or W)	SAMPLE LOCATION / I.D.	NO. OF CONTAINERS	2L G (BNA Herb / Pest)	250ml G (TOX)	250ml P (VOA) HCL	1L P G (TOC) H ₂ SO ₄	1L P G (BOD TSS, Unpreserved etc.)	1L P G (Phenol, Oil & Grease) H ₂ SO ₄	1L P G (COD N.P) H ₂ SO ₄	1L P G (Metals, Hardness) HNO ₃	1L P G (CYANIDE) NaOH	Stentle P G (Coliform)	REQUESTED ANALYSIS
677139	6/28/06	1409	-	-	-	-	W	Mw.1	6	4										*See Remerks
1140		1258	-	-	-	-	W	Mw.2	6	4										}
141		1200	-	-	-	-	W	Mw.3	6	4										
142		1106	-	-	-	-	W	Mw.4	6	4										
143		1036	-	-	-	-	W	Mw.5	6	4										
144		0934	-	-	-	-	W	upstream	6	4										
145		0952	-	-	-	-	W	Downstream	6	4										}
146		1021	-	-	-	-	W	outfall #1	6	4										
147		1030	-	-	-	-	W	Duplicate	6	4										}
148		1205	-	-	-	-	W	FB	5	4										
149		0530	-	-	-	-	W	TB	3	2										
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		REMARKS:												
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		REMARKS: * Sb, As, Ba, Be, Cd, Cr, Cu, Ni, Se, Co, Pb, Ag, Ti, V, Zn, VOA 8260, Cond												
								SAMPLE TEMPERATURE AT RECEIPT 2.8 °C												

GROUNDWATER MONITORING FIELD LOG

Personnel Present: _____

Glenn Price

Wilkes County

COMMENTS: _____

Germanton Landfill

June 28, 2010

Clear - 86 F

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.)	58.04	47.43	43.35	13.23	9.81				
Water Depth (FT.)	31.65	34.11	20.65	14.98	13.66				
Diameter (IN.)	4"	4"	4"	4"	2"				
Conversion Factor	0.65	0.65	0.65	0.65	0.16				
Well Volume (GAL.)	20.57	22.18	13.42	9.74	2.19				
Volume (GAL.) X 3	61.72	66.51	40.27	29.21	6.56				
# Bails (L)	248	268	162	118	27				
Purge Date	06/28/10	06/28/10	06/28/10	06/28/10	06/28/10				
Purge Time (hrs.)	1316	1211	1119	1044	1002				
Purge Method	Bailer	Bailer	Bailer	Bailer	Bailer				
Volume Removed (GAL.)	62.00	47.00 Dry	40.50	29.50	6.75				
Sampling Date	06/28/10	06/28/10	06/28/10	06/28/10	06/28/10	06/28/10	06/28/10	06/28/10	
Sampling Time (hrs.)	1409	1258	1200	1106	1030	0934	0952	1021	
Sampling Method	Bailer	Bailer	Bailer	Bailer	Bailer	Grab	Grab	Grab	
pH (Standard Units)	5.99	6.37	5.62	6.23	6.11	6.82	6.79	6.62	
Temperature (EC)	16.4	16.9	16.6	17.7	17.8	16.8	16.8	19.3	
Conductivity (umhos/cm)	105	87.9	66.0	303	1,200	78.4	80.1	1,380	
Dissolved Oxygen (mg/L)									
Observations/Sampling	Clear	Clear	Clear	Clear	Slightly Turbid	Clear	Clear	Slightly Turbid	

* Duplicate