RCC 1801

DENR USE ONLY: ☑ Paper Report ☑ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #: D1662 P0277

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).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- 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):

WATERS EDGE ENVIRONMENTAL

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

Name: PHILLIP RAHN Phone: 919.859.9987

E-mail: PRAHN@WATERSEDGEENV.COM

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
FORMER WILEY DAVIS LANDFILL	WILEY DAVIS ROAD GREENSBORO, N.C.	41-B		NOVEMBER 9, 2006

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Facility Representative Name (Print)	Title	(Area Code) Telephone Number
PHILLIP RAHN	PRESIDENT	919.859.9987

Signature: P. Rahn Date: 1.18.07

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

DLR

WATERS EDGE ENVIRONMENTAL, LLC
4901 WATERS EDGE DRIVE, SUITE 201 • RALEIGH, NC 27606 • PHONE 919.859.9987 • FAX 919.859.9930

North Carolina Groundwater/Surface Water Exceedance Notification

Well	Parameter	Concentration (µg/L)	NCGS (µg/L)
WD-1	Cadmium	2.0	1.75
WD-1	Chromium	110	50
WD-2	Benzene	1.9	1.0
WD-2	Dichlorodifluoromethane	1.9	1.4
WD-2	THF	110	4.6*
WD-2D	Benzene	1.6	1.0
WD-2D	THF	180	4.6*
WD-3	Cadmium	4.3	1.75
WD-3	THF	22	4.6*
WD-4	THF	17	4.6*
WD-4D	THF	13	4.6*
WD-7	Chromium	56	50

November 2006 Ground and Surface Water Sampling Report
Former Wiley Davis Landfill
Wiley Davis Road
Greensboro, North Carolina
Permit #41-B
January 26, 2007

Prepared For Submittal To

Griffin Industrial Services, LLC
Greensboro, North Carolina 27407

Prepared By

Waters Edge Environmental, LLC
Raleigh, North Carolina

WATERS EDGE ENVIRONMENTAL, LLC
4901 WATERS EDGE DRIVE, SUITE 201 • RALEIGH, NC 27606 • PHONE 919.859.9987 • FAX 919.859.9930

January 26, 2007

Mr. David Griffin, Jr.
Griffin Industrial Services, LLC
4700 Hilltop Road
Greensboro, North Carolina 27407

Reference: November 2006 Ground and Surface Water Sampling Report
Former Wiley David Landfill
Wiley Davis Road
Greensboro, North Carolina
Permit #41-B
Waters Edge Job No. R5-34

Dear Mr. Griffin:

Waters Edge Environmental has completed the November 2006 ground and surface water sampling event at the above mentioned facility.

If you have any questions regarding the information contained herein, please do not hesitate to contact our office at 919.859.9987.

Sincerely,

WATERS EDGE ENVIRONMENTAL, LLC

Phillip L Rahn, P.G.
President

cc: Mr. Matt Gamble- NCDENR

06-181/PLR/aht

Table of Contents

1	**Introduction**	**1**
2	**Ground Water Sampling Activities**	**1**
2.1	*Monitor Well Sampling*	*1*
2.2	*Surface Water Sampling*	*2*
3	**Assessment Results**	**2**
3.1	*Ground Water Conditions*	*2*
3.2	*Ground Water Laboratory Analytical Results*	*2*
3.3	*Surface Water Laboratory Analytical Results*	*3*
4	**Conclusions and Recommendations**	**4**

Figures

Figure No.	Title
1	Site Location Map
2	Aerial Photograph Map
3	Ground Water Potentiometric Surface (11.9.06)

Tables

Table No.	Title
1	Ground Water Elevation Data
2	Hydraulic Gradient Data
3	Ground Water / Surface Water Analytical Results

Appendices

Appendix	Title
A	Well Construction Logs
B	Ground Water Sampling Methodologies
C	Laboratory Analytical Results

November 2006 Ground and Surface Water Sampling Report
Former Wiley Davis Landfill
Wiley Davis Road
Greensboro, North Carolina
Permit #41-B
January 26, 2007

1 Introduction

A ground water and surface water assessment is ongoing at the former Wiley Davis Landfill (Permit #41-B) located on Wiley Davis Road in Greensboro, North Carolina (see Figures 1 and 2). The purpose of this assessment is to determine the presence, extent, and concentration of contaminants present in ground water and/or surface water, the horizontal and vertical extent of contamination which may originate from the landfill, the direction and rate of migration of the contaminants in the ground water, and the possible source(s) of contamination detected in the ground water and/or surface water.

This assessment is being performed in accordance with the *Water Quality Monitoring Plan* (Babb & Associates, P.A. and EcoLogic Associates, P.C. - Revised August 1999) and the *Groundwater Assessment Plan* (Babb & Associates, P.A. and EcoLogic Associates, P.C. - Revised August 1999). The 2005, the sampling responsibilities have been contracted with Waters Edge Environmental, LLC (Waters Edge).

The reader is referred to previously submitted reports dated May 2000, December 2000, December 2001, December 2002, July 2005 and April 2006.

2 Ground Water Sampling Activities

2.1 Monitoring Well Emplacement

On October 3rd/4th, 2006, a drilling rig was mobilized to the site to replace WD-2/WD-2D. These were completed as a Type II (WD-2) and Type III (WD-2D) with well completion records contained in Appendix A.

2.2 Monitor Well Sampling

On November 9th, 2006, a Waters Edge environmental technician was mobilized to the site for the ground water sampling activities. Prior to the sampling event, depth-to-ground water measurements were made to the nearest 0.01 foot at each monitoring well using an electric water level indicator (see Tables 1 and 2). Ground water sampling methodologies are contained in Appendix B.

Ground water samples were collected from wells WD-1, WD-2, WD-2D, WD-3, WD-3D, WD-4, WD-4D, and WD-7. Ground water samples were analyzed for volatile organic

compounds (VOCs) and tetrahydrofuran (THF) according to EPA Method 8260B and total RCRA metals (see summary of analytical results in Table 3 and documentation in Appendix C).

2.3 Surface Water Sampling

On November 9th, 2006 two surface water samples were collected from the unnamed tributary located west of the landfill (see Figure 2). Sample SW-1 was collected at the point where the unnamed tributary enters the site to the northwest. Sample SW-2 was collected at the point where the unnamed tributary exits the site to the southwest. The surface water samples were analyzed for VOCs and THF according to EPA Method 8260B and total RCRA metals (see results in Table 3 and documentation in Appendix C).

3 Assessment Results

3.1 Ground Water Conditions

November 9th, 2006 water level measurements collected from the shallow wells indicate that the shallow water table elevations range from 809.93 feet (WD-7) to 783.50 feet (WD-3) above mean sea level (msl). We would add that WD-2 has not been surveyed to add as a data point. The ground water elevations continue to indicate an overall southwesterly flow direction for shallow ground water. The horizontal hydraulic gradient of the shallow water table has an average gradient of 0.0167 ft/ft (see Figure 3)

The vertical gradient was calculated to be 0.1445 ft/ft downward between wells WD-4 and WD-4D, and 0.0234 ft/ft upward between wells WD-3 and WD-3D. These gradients are the opposite gradient of the most recent readings. We would also note that WD-2/WD-2D have not been surveyed.

3.2 Ground Water Laboratory Analytical Results

Laboratory analysis of ground water samples collected had the following exceedances of North Carolina Groundwater Standards (NCGS):

WD-1- This well had the following NCGS exceedances:

- Cadmium at 2 μg/L versus a NCGS at 1.75 μg/L
- Chromium at 110 μg/L versus a NCGS at 50 μg/L

WD-2- This well had the following NCGS exceedances:

- Benzene at 1.9 μg/L versus a NCGS at 1 μg/L
- Dichlorodifluoromethane at 1.9 μg/L versus a NCGS at 1.4 μg/L
- THF at 110 μg/L μg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 4.6 μg/L (there is no codified NCGS)

WD-2D- This well had the following NCGS exceedances:

- Benzene at 1.6 μg/L versus a NCGS at 1 μg/L
- THF at 180 μg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 4.6 μg/L (there is no codified NCGS)

WD-3- This well had the following NCGS exceedances:

- Cadmium at 4.3 μg/L versus a NCGS at 1.75 μg/L
- THF at 22 μg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 4.6 μg/L (there is no codified NCGS)

WD-4- This well had the following NCGS exceedances:

- THF at 17 μg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 4.6 μg/L (there is no codified NCGS)

WD-4D- This well had the following NCGS exceedances:

- THF at 13 μg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 4.6 μg/L (there is no codified NCGS)

WD-7- This well had the following NCGS exceedances:

- Chromium at 56 μg/L versus a NCGS at 50 μg/L

3.3 Surface Water Laboratory Analytical Results

Laboratory analysis of the surface water sample collected from the upstream sampling point SW-1 and downstream sampling point SW-2 detected no VOCs. Low levels of one inorganic was detected in upstream sampling point SW-1 (barium at 180 μg/L) and

downstream sampling point SW-2 (barium at 110 μg/L); however, no applicable Class C surface water standards were exceeded (15A NCAC 2B .0211).

4 Conclusions and Recommendations

Information gathered during ground water assessment activities to date indicates the general shallow and deep ground water flow direction (horizontal gradient) beneath the site to be to the southwest. Using a horizontal hydraulic gradient of 0.0167 ft/ft and assuming an average hydraulic conductivity in saprolite of 1E-5 cm/sec and an effective porosity of 0.25, the rate of horizontal ground water migration would be on the order of 0.69 ft/year.

Now that the landfill is no longer active and has been graded to shed runoff and covered, the infiltration of rainfall should be significantly reduced. It follows that the driving head inside the landfill will gradually decline and both the quantity and rate of leachate production and release should decrease proportionately. Leachate strength should also continue to decline as the waste stabilizes, with no further introduction of potential contaminants. Based on these recent results, we would conclude that a continued positive trend in ground water quality downgradient of the landfill has occurred.

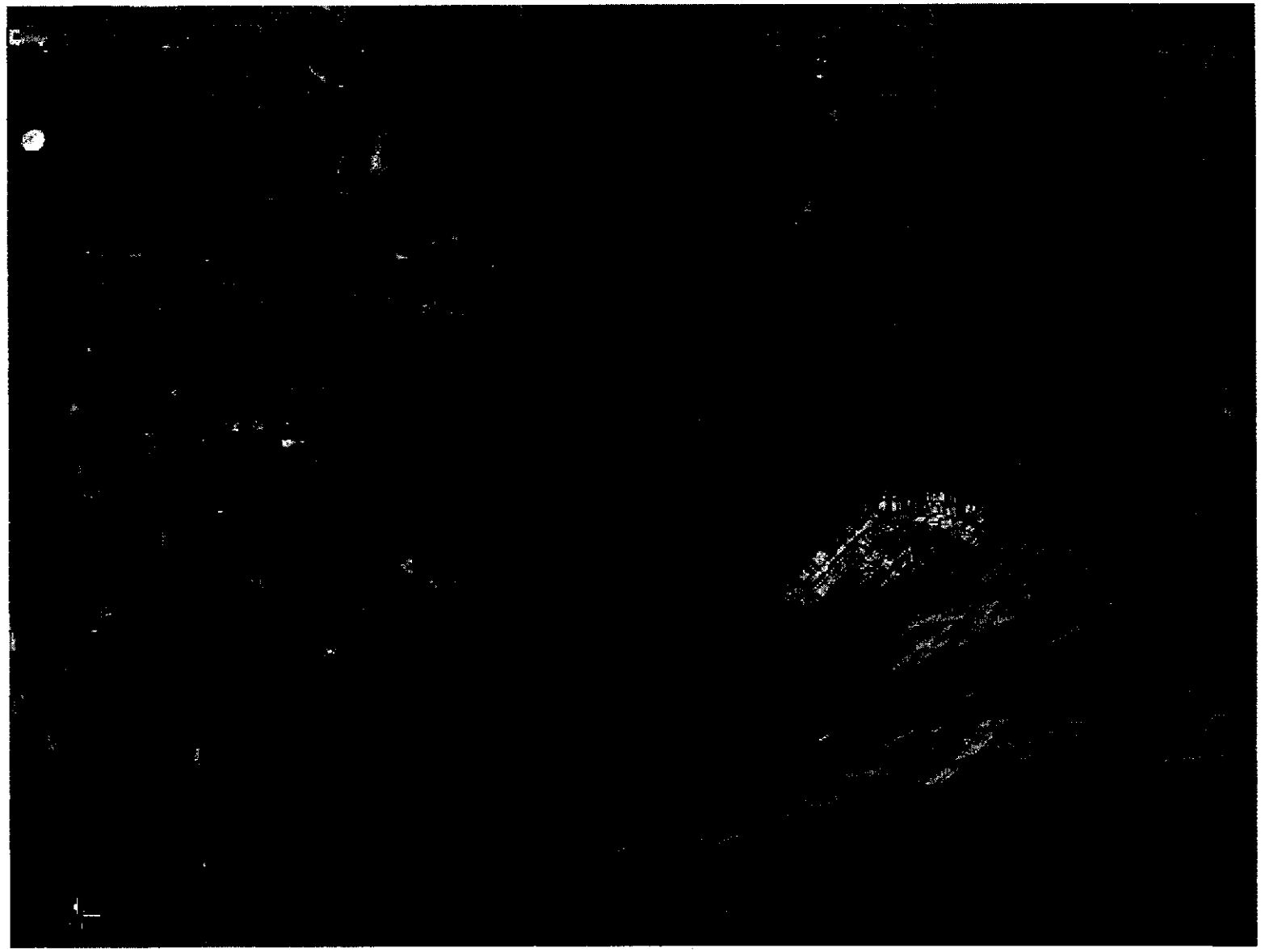
There were several low level NCGS exceedances and THF was detected at low concentrations in five of the wells sampled ranging from 13 μg/L WD-4D to 180 μg/L (WD-2D) which is above the interim NCGS at 4.6 μg/L. However, the historic trend indicates a decreasing amount of wells detecting THF and the concentrations detected also appears to be decreasing. Based upon our research into THF uses, it appears that one major use is for PVC pipe cement which could have been mistakenly used in the older monitoring wells; however, in that it was also detected in the recently installed monitoring wells, it must be included as a constituent of concern..

No VOCs have been observed in on-site surface water samples. Similarly, only one RCRA metal was detected in surface water samples (barium) at concentrations near the detection limit and well below the 2B standards. As such, we conclude that no measurable impacts to surface water by VOCs or metals have been identified during this assessment.

Given the aforementioned conclusions, it is our recommendation to Wiley Davis Landfill, Inc. that monitoring of the current system is continued on a semi-annual schedule in accordance with the post-closure conditions specified in the Division of Waste Management's closure letter dated May 23, 2000. We recommend continuation of the semiannual sampling during May 2007. We would also recommend that WD-2 and WD-2D be surveyed for both horizontal and vertical control.

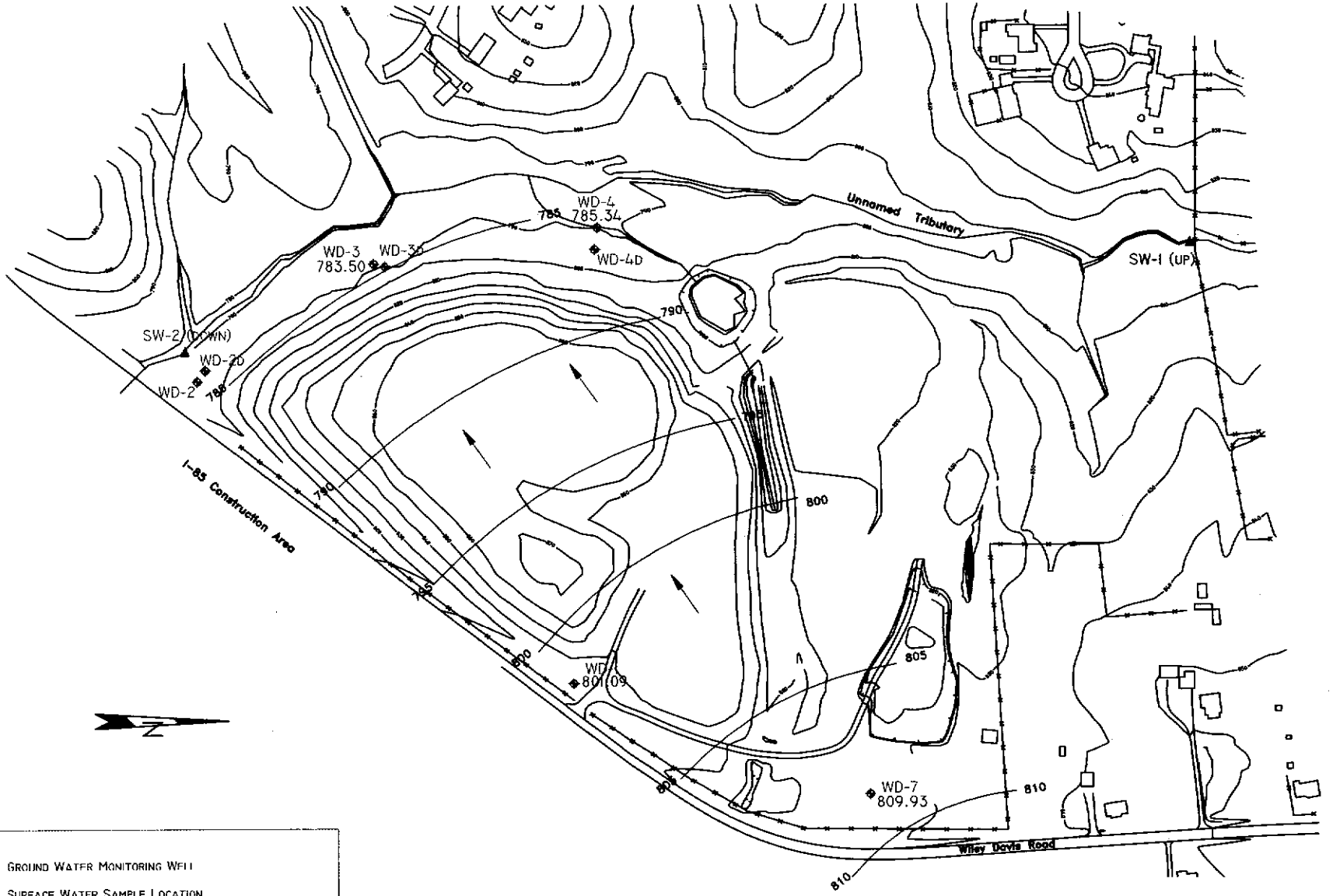
Figures

WATERS EDGE ENVIRONMENTAL, LLC	Author	Drawing	Quad	Date	Title
		R5-34.xls	Greensboro	7/6/2005	Project Location Map
	Job No.	Report Date	Figure	Scale	Project
	R5-34		1	as shown	Wiley Davis Landfill Greensboro, North Carolina



GUILFORD COUNTY SPATIAL DATA EXPLORER
2003

WATERS EDGE ENVIRONMENTAL, LLC	*Author*	*Drawing* R5-34.xls	*Layers*	*Date* 7/6/2005	*Title* Aerial Photograph Map
	Job No. R5-34	*Revision*	*Figure* 2	*Scale* unknown	*Project* Wiley Davis Landfill Greensboro, North Carolina



LEGEND

- GROUND WATER MONITORING WELL
- SURFACE WATER SAMPLE LOCATION
- GROUND WATER CONTOUR
- TOPOGRAPHIC CONTOUR
- 804.33 GROUND WATER ELEVATION

WATERS EDGE ENVIRONMENTAL, LLC

Author	Drawing	Layers	Date	Title
Babb & Ass / aht	06-181 F03		06-29-05	Shallow Ground Water Contour Map (Data Collected November 9, 2006)
Job No.	**Revision**	**Figure**	**Scale**	**Project**
R5-34	1-26-07	3	1" = 300'	Wiley Davis Landfill Greensboro, North Carolina

Tables

Table 1. Monitoring Well Reference Points and Ground Water Elevaltions
Wiley Davis Landfill, Greensboro, North Carolina

Well ID	Reference Point Elevation	Water Level Measurement (5.25.2005)	Water Level Elevation (5.25.05)	Water Level Measurement (3.28.06)	Water Level Elevation (3.28.06)	Water Level Measurement (5.18.06)	Water Level Elevation (5.18.06)	Water Level Measurement (11.9.06)	Water Level Elevation (11.9.06)
WD-1	836.65	32.32	804.33	33.51	803.14	33.82	802.83	35.56	801.09
WD-3	791.35	5.73	785.62	7.13	784.22	7.42	783.93	7.85	783.50
WD-3D	793.79	10.41	783.38	11.95	781.84	12.23	781.56	11.18	782.61
WD-4	793.28	6.4	786.88	7.87	785.41	8.15	785.13	7.94	785.34
WD-4D	799.11	7.94	791.17	9.37	789.74	9.68	789.43	7.05	792.06
WD-7	828.08	12.46	815.62	13.97	814.11	14.26	813.82	18.15	809.93

Table 2. **Hydraulic Gradient Information**
Wiley Davis Landfill, Greensboro, North Carolina

Well I.D.	Water Level Elevation 11.9.06 (ft.)	Gradient (ft.)
WD-1	801.09	
		0.0180
WD-3	783.5	
WD-1	801.09	
		0.0165
WD-4	785.34	
WD-7	809.93	
		0.0136
WD-1	801.09	
WD-7	809.93	
		0.0188
WD-4	785.34	
WD-4D	792.06	
		0.0212
WD-3D	782.61	
WD-3	783.5	
		0.0234
WD-3D	782.61	
WD-4	785.34	
		-0.1445
WD-4D	792.06	

A Negative Hydraulic Gradient Indicates Greater Hydraulic Head in the Shallow Well or Downward Flow.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-1

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	Not Sampled	Not Sampled	**16**	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	12	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	Not Sampled	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**–**	**12**			**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Metals (total)													
Arsenic	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Barium	mg/l	2.0	0.380	Not Sampled	0.580	0.314	NA	0.450	0.300	0.270	0.291	0.320	0.200
Cadmium	mg/l	0.00175	.	Not Sampled	NA	.	NA	.	.	.	**0.006**	.	.
Chromium	mg/l	0.05	**0.160**	Not Sampled	**0.360**	0.050	NA	**0.070**	0.040	.	**0.110**	**0.071**	**0.084**
Lead	mg/l	0.015	.	Not Sampled	0.006	.	NA	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	Not Sampled	NA	.	NA	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

***WD-1* (continued)**

Parameter	Units	2L Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	NA	NA	NA	NA
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	NA	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	NS	.	.	.	.	.	2.0	NA	NA	NA	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	NA	NA	NA	NA
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**	**2.0**	**0**	**0**	**0**	**0**

Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	.	0.294	.	0.281	0.290	0.35	0.37	0.37	0.47
Cadmium	mg/l	0.00175	.	0.0013	0.0014	.	.	.	.	.	.	**0.0020**
Chromium	mg/l	0.05	.	.	.	.	.	.	0.014	.	.	**0.11**
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	.	.	0.0105	.	.	.	.	.	.	.
Silver	mg/l	0.018	.	.	.	.	.	.	.	.	.	0.0075

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2s

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	.	.	.	.	.	.	**2.24**	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	6 J	Not Sampled	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	**350**	Not Sampled	**230**	**140**	.	**150**	**62**	**89**	**110**	**110**	**78**
Chloroethane	ug/L	2,800	.	Not Sampled	.	.	.	.	.	.	.	.	.
Chloromethane	ug/L	2.6	.	Not Sampled	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	.	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	25	Not Sampled	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	62	Not Sampled	39	12	.	13	.	.	5.0	.	.
1,3-Dichlorobenzene	ug/L	No Standard	5 J	Not Sampled	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	25	Not Sampled	12	.	.	5.0	.	.	.	.	.
Dichlorodifluoromethane(freon)	ug/L	1.4	.	Not Sampled	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	20	5.9	.	5.0	.	.	1.19	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	.	.	.	.	.	.	.	.	.
p-Isopropyltoluene	ug/L	No Standard	.	Not Sampled	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	**6.0**	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	.	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	**47**	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	10 J	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	.	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	**16**	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**473**		**380**	**157.9**	**0**	**173**	**62**	**89**	**118.43**	**110**	**78**
Metals (total)													
Arsenic	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Barium	mg/l	2.0	0.800	Not Sampled	1.700	1.300	NA	**2.200**	1.900	**2.400**	**2.127**	**2.400**	**2.400**
Cadmium	mg/l	0.00175	.	Not Sampled	NA	.	NA	.	.	.	0.003	.	.
Chromium	mg/l	0.05	.	Not Sampled	.	.	NA	.	.	.	0.005	.	.
Lead	mg/l	0.015	.	Not Sampled	.	.	NA	.	.	.	0.005	.	.
Mercury	mg/l	0.0011	.	Not Sampled	.	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.05	.	Not Sampled	.	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	Not Sampled	.	.	NA	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

***WD-2s* (continued)**

Parameter	Units	2L Standard	Mar-00	Nov-06
Volatile Organic Compounds				
Benzene	ug/L	1.0	.	**1.9**
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	NA
Chlorobenzene	ug/L	50	**94**	7.3
Chloroethane	ug/L	2,800	.	.
Chloromethane	ug/L	2.6	.	1.6
Chlorofluoromethane	ug/L	No Standard	.	NA
di-n-butyl phthalate	ug/L	700	.	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	5.0	1.8
1,3-Dichlorobenzene	ug/L	No Standard	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.
Dichlorodifluoromethane (freon)	ug/L	1.4	.	**1.9**
1,1-Dichloloethane	ug/L	700	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.
p-Isopropyltoluene	ug/L	No Standard	.	1.8
Methylene Chloride	ug/L	5.0	.	.
Methyl Iodide	ug/L	NS	.	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	NA
Naphthalene	ug/L	21	.	3.3
N-Nitrosodiphenylamine	ug/L	No Standard	.	NA
Tetrahydrofuran	ug/L	4.6*	**54**	**110**
Trichlorofluoromethane	ug/L	2,100	.	.
Vinyl Chloride	ug/L	0.015	.	.
Total VOCs	**ug/L**	**--**	**153**	**129.6**

Metals (total)				
Arsenic	mg/l	0.05	.	.
Barium	mg/l	2.0	**2.24**	0.34
Cadmium	mg/l	0.00175	0.0033	.
Chromium	mg/l	0.05	.	0.0092
Lead	mg/l	0.015	.	.
Mercury	mg/l	0.0011	.	.
Selenium	mg/l	0.05	.	.
Silver	mg/l	0.018	.	0.0050

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2d

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	Not Sampled	.	.	.	.	.	**1.79**	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	**47**	Not Sampled	Not Sampled	**100**	.	**110**	**100**	**93**	**94**	**110**	**57**
Chloroethane	ug/L	2,800	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	26	.	34	12	22	15	6.6	10
1,3-Dichlorobenzene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	7.2	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	Not Sampled	6.3	.	5.0	.	.	1.81	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Isopropylbenzene (cumene)	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
p-Isopropyltoluene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl-tert-butyl ether	ug/L	200	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	Not Sampled	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2,4-Trimethylbenzene	ug/L	350	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Xylenes (total)	ug/L	530	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**–**	**47**			**132.3**	**0**	**149**	**112**	**122.2**	**112.60**	**116.6**	**67**
Metals (total)													
Arsenic	mg/l	0.05	.	NA	NA	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	0.200	NA	0.310	0.112	NA	0.230	0.100	0.250	0.158	0.190	0.180
Cadmium	mg/l	0.00175	.	NA	NA	.	NA	.	**0.006**	.	.	.	.
Chromium	mg/l	0.05	.	NA	0.030	.	NA		.	0.015	.	.	.
Lead	mg/l	0.015	**0.440**	.	.	0.015	NA	.	.	0.005	.	.	.
Mercury	mg/l	0.0011	.	NA	NA	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.05	.	NA	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	NA	NA	.	NA	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

***WD-2d* (continued)**

Parameter	Units	2L Standard	Mar-00	Nov-06
Volatile Organic Compounds				
Benzene	ug/L	1.0	.	**1.6**
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	NA
Chlorobenzene	ug/L	50	**68**	.
Chloroethane	ug/L	2,800	.	4.6
Chlorofluoromethane	ug/L	No Standard	.	NA
di-n-butyl phthalate	ug/L	700	.	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	10	.
1,3-Dichlorobenzene	ug/L	No Standard	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.
1,1-Dichloloethane	ug/L	700	.	1.9
cis-1,2-Dichloroethene	ug/L	70	.	.
Isopropylbenzene (cumene)	ug/L	70	.	2.1
p-Isopropyltoluene	ug/L	No Standard	.	3.9
Methylene Chloride	ug/L	5.0	.	.
Methyl-tert-butyl ether	ug/L	200	.	1.3
Methyl Iodide	ug/L	NS	.	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	NA
Naphthalene	ug/L	21	.	8.9
N-Nitrosodiphenylamine	ug/L	No Standard	.	NA
Tetrahydrofuran	ug/L	4.6*	**51**	**180**
Trichlorofluoromethane	ug/L	2,100	.	.
1,2,4-Trimethylbenzene	ug/L	350	.	2.5
Vinyl Chloride	ug/L	0.015	.	.
Xylenes (total)	ug/L	530	.	4.3
Total VOCs	**ug/L**	**–**	**129**	**211.1**

Metals (total)				
Arsenic	mg/l	0.05	0.0108	.
Barium	mg/l	2.0	.	0.45
Cadmium	mg/l	0.00175	0.0020	0.0016
Chromium	mg/l	0.05	.	0.016
Lead	mg/l	0.015	.	.
Mercury	mg/l	0.0011	.	.
Selenium	mg/l	0.05	.	.
Silver	mg/l	0.018	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-3

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	**32**	.
Chlorobenzene	ug/L	50	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	8 J	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	Not Sampled	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**–**	**8.0**			**0**	**0**	**0**	**0**	**0**	**0**	**32**	**0**

Metals (total)													
Arsenic	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	0.004	.	.
Barium	mg/l	2.0	1.50	Not Sampled	1.400	0.669	NA	0.840	0.700	0.950	0.778	0.740	0.440
Cadmium	mg/l	0.00175	.	Not Sampled	NA	.	NA	.	.	.	**0.006**	.	.
Chromium	mg/l	0.05	.	Not Sampled	0.030	.	NA	.	0.020	.	0.007	0.018	0.018
Lead	mg/l	0.015	.	Not Sampled	0.006	0.015	NA	.	.	0.005	.	.	0.011
Mercury	mg/l	0.0011	.	Not Sampled	NA	.	NA	.	.	0.0009	0.0008	.	0.0011
Selenium	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	Not Sampled	NA	.	NA	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

***WD-3* (continued)**

Parameter	Units	2L Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	NA	NA	NA	NA
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	2.0	.	.	NA	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	NA	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	NS	.	.	.	.	.	.	NA	NA	NA	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	NA	NA	NA	NA
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	.	**10**	.	.	**15**	**24**	**15**	**59**	**15**	**22**
Trichlorofluoromethane	ug/L	2,100	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	–	**0**	**10**	**0**	**2.0**	**15**	**24**	**15**	**59**	**15**	**22**

Metals (total)												
Arsenic	mg/l	0.05	0.0117	.	.	.	.	.	0.0075	.	.	0.0052
Barium	mg/l	2.0	0.602	.	0.325	.	0.297	0.505	1.50	0.96	0.27	0.88
Cadmium	mg/l	0.00175	0.0041	0.0015	0.0013	.	.	.	.	.	.	**0.0043**
Chromium	mg/l	0.05	.	.	.	.	.	.	0.0073	.	0.0023	0.017
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.018	.	.	.	.	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-3D

Parameter	Units	2L Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	NA	NA	NA	NA
Chlorobenzene	ug/L	50	.	.	.	3.0	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	NA	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	5.0	3.0	3.0	1.8	.	1.0	1.2
1,3-Dichlorobenzene	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	NS	.	.	.	.	.	.	NA	NA	NA	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	NA	NA	NA	NA
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	9.0	27	.	.	35	19	.	54	.	.
Trichlorofluoromethane	ug/L	2,100	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	--	**9.0**	**27**	**0**	**8.0**	**38**	**22**	**1.8**	**54**	**1.0**	**1.2**

Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	.	0.341	.	.	.	0.92	0.071	0.042	0.13
Cadmium	mg/l	0.00175	0.0017	.	0.0011	.	.	.	.	.	.	0.0011
Chromium	mg/l	0.05	.	.	.	.	.	.	.	0.0034	0.0028	0.010
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	.	.	0.0102	.	.	.	0.0069	.	.	.
Silver	mg/l	0.018	.	.	.	.	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-4

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	Not Sampled	Not Sampled	.	.	.	.	.	2.09	.	.
Chloroethane	ug/L	2,800	9 J	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	8.0	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	Not Sampled	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**17.0**			**0**	**0**	**0**	**0**	**0**	**2.09**	**0**	**0**

Metals (total)													
Arsenic	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Barium	mg/l	2.0	1.300	Not Sampled	1.400	0.704	NA	.	0.700	1.000	0.706	0.840	0.830
Cadmium	mg/l	0.00175	.	Not Sampled	NA	.	NA	**1.0**	.	.	0.002	.	.
Chromium	mg/l	0.05	0.110	Not Sampled	0.110	.	NA	.	.	.	.	.	.
Lead	mg/l	0.015	0.010	Not Sampled	0.006	0.018	NA	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	Not Sampled	NA	.	NA	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

***WD-4* (continued)**

Parameter	Units	2L Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Benzene	ug/L	1.0	.	.	.	.	.	1.0	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	NA	NA	NA	NA
Chlorobenzene	ug/L	50	.	.	.	1.0	1.0	2.0	.	1.1	1.3	1.5
Chloroethane	ug/L	2,800	.	.	.	2.0	1.0	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	1.0	.	.	NA	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	NA	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.	.	.	.	2.0	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	NS	.	.	.	.	.	.	NA	NA	NA	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	NA	NA	NA	NA
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	.	**16**	.	.	**24**	**20**	**18**	**60**	**16**	**17**
Trichlorofluoromethane	ug/L	2,100	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	--	**0**	**16**	**0**	**4.0**	**26**	**25**	**18**	**61.1**	**17.3**	**18.5**

Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	.	.	0.0060	.	.	.
Barium	mg/l	2.0	0.761	0.752	0.685	0.797	0.770	0.741	0.079	0.84	0.71	0.76
Cadmium	mg/l	0.00175	0.0021	0.0015	0.0017	.	.	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	.	.	.	.	.	0.011
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	.	.	.	.	.	.	.	0.0074	0.0061	.
Silver	mg/l	0.018	.	.	0.0134	.	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-4D

Parameter	Units	2L Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	NA	NA	NA	NA
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	NA	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	.	.	.				
1,3-Dichlorobenzene	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	.	.	.	.	1.0	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	1.0	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	NS	.	.	.	.	.	.	NA	NA	NA	NA
Methyl-tert-butyl ether	ug/L	200	.	.	.	.	.	.	1.0	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	NA	NA	NA	NA
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	NA	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	7.0	**20**	.	.	**33**	**23**	**13**	**61**	.	**13**
Trichlorofluoromethane	ug/L	2,100	.	.	.	.	2.0	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	--	**7.0**	**20**	**0**	**0**	**35**	**25**	**14**	**61**	**0**	**13**

Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	.	.	.	.	.	0.066	0.048	0.035	0.026
Cadmium	mg/l	0.00175	0.0015	0.0011	.	.	.	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	.	.	0.015	.	.	.
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	.	.	0.0119	.	.	.	.	.	.	.
Silver	mg/l	0.018	.	.	.	.	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-5

Parameter	Units	2L Standard	Aug-90	Mar-91	Apr-91	May-93	Oct-93	Apr-94	Feb-96	Aug-96	Apr-97	Nov-97	Oct-98
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	6 J	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	3.5	.	Not Sampled	Not Sampled	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	21	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**6.0**			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals (total)													
Arsenic	mg/l	0.05	.	Not Sampled	NA	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	0.460	Not Sampled	0.490	0.128	NA	.	0.300	0.056	0.191	1.0	1.1
Cadmium	mg/l	0.005	.	Not Sampled	NA	0.036	NA	.	.	.	0.002	.	.
Chromium	mg/l	0.05	0.050	Not Sampled	**0.090**	.	NA	.	0.020	.	0.021	**0.180**	**0.190**
Lead	mg/l	0.015	0.009	Not Sampled	0.011	**0.017**	NA	.	.	.	0.004	**0.039**	**0.035**
Mercury	mg/l	0.0011	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.05	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.018	.	Not Sampled	NA	0.006	NA	.	.	.	0.004	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-7

Parameter	Units	2L Standard	Mar-91	Apr-91	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06
Volatile Organic Compounds													
Benzene	ug/L	1.0	NA	NA	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	NA	.	.	.	.	.	.	NA	NA	NA
Chlorobenzene	ug/L	50	.	NA	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	NA	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	NA	.	.	.	.	.	.	NA	NA	NA
di-n-butyl phthalate	ug/L	700	.	NA	.	.	.	.	.	.	NA	NA	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	NA	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	No Standard	.	NA	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.	NA	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	NA	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	NA	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	NA	.	.	.	.	.	.	.	.	.
Methyl Iodide	ug/L	No Standard	.	NA	.	.	.	.	.	.	NA	NA	NA
4-(o-cresol) Methylphenol	ug/L	3.5	NA	NA	.	.	.	.	.	.	NA	NA	NA
Naphthalene	ug/L	21	NA	NA	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	NA	.	.	.	.	.	.	NA	NA	NA
Tetrahydrofuran	ug/L	4.6*	.	NA	.	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,100	.	NA	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	NA	NA	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**–**	**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals (total)													
Arsenic	mg/l	0.05	NA	NA	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	0.120	.	.	.	.	.	.	0.045	0.081	0.054
Cadmium	mg/l	0.00175	NA	NA	.	.	0.001	.	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	0.0153	0.019	.	.	.	0.019	0.012
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	NA	NA	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.05	NA	NA	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.018	NA	NA	.	.	.	.	.	.	.	.	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-7

Parameter	Units	2L Standard	Nov-06
Volatile Organic Compounds			
Benzene	ug/L	1.0	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	NA
Chlorobenzene	ug/L	50	.
Chloroethane	ug/L	2,800	.
Chlorofluoromethane	ug/L	No Standard	NA
di-n-butyl phthalate	ug/L	700	NA
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.
1,3-Dichlorobenzene	ug/L	No Standard	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	No Standard	.
1,1-Dichloloethane	ug/L	700	.
cis-1,2-Dichloroethene	ug/L	70	.
Methylene Chloride	ug/L	5.0	.
Methyl Iodide	ug/L	No Standard	NA
4-(o-cresol) Methylphenol	ug/L	3.5	NA
Naphthalene	ug/L	21	.
N-Nitrosodiphenylamine	ug/L	No Standard	NA
Tetrahydrofuran	ug/L	4.6*	.
Trichlorofluoromethane	ug/L	2,100	.
Vinyl Chloride	ug/L	0.015	.
Total VOCs	**ug/L**	**--**	**0**

Metals (total)			
Arsenic	mg/l	0.05	.
Barium	mg/l	2.0	0.14
Cadmium	mg/l	0.00175	.
Chromium	mg/l	0.05	**0.056**
Lead	mg/l	0.015	.
Mercury	mg/l	0.0011	.
Selenium	mg/l	0.05	.
Silver	mg/l	0.018	.

NA - compound not analyzed
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

SW-1 (upstream)

Parameter	Units	2B Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Chlorobenzene	ug/L	488	.	.	.	.	dry	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	dry	.	.	.	.	.
Tetrahydrofuran	ug/L	4.4903*	.	.	.	.	dry	.	.	.	.	.
Total VOCs	**ug/L**	–	**0**	**0**	**0**	**0**		**0**	**0**	**0**	**0**	**0**
Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	dry	.	.	.	.	.
Barium	mg/l	1.0	.	.	.	.	dry	.	0.083	0.077	0.042	0.18
Cadmium	mg/l	0.002	.	0.0016	0.0011	.	dry	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	dry	.	.	.	.	.
Lead	mg/l	0.025	.	.	.	.	dry	.	.	.	.	.
Mercury	mg/l	0.000012	.	.	.	.	dry	.	.	.	.	.
Selenium	mg/l	0.005	.	.	.	.	dry	.	.	.	.	.
Silver	mg/l	0.00006	.	.	.	.	dry	.	.	.	.	.

NA - compound not analyzed
2B - Standard for Class C Surface Water
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Table 3. Ground Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

SW-2 (downstream)

Parameter	Units	2B Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06
Volatile Organic Compounds												
Chlorobenzene	ug/L	488	.	.	.	1.0	dry	2.0	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	1.0	dry	.	.	.	.	.
Tetrahydrofuran	ug/L	4.4903*	.	**6.0**	.	.	dry	**8.0**	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**6.0**	**0**	**2.0**		**10**	**0**	**0**	**0**	**0**
Metals (total)												
Arsenic	mg/l	0.05	.	.	.	.	dry	.	.	.	.	.
Barium	mg/l	1.0	.	.	0.150	.	dry	0.116	0.077	0.33	0.10	0.11
Cadmium	mg/l	0.002	.	.	.	.	dry	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	dry	.	0.0026	.	.	.
Lead	mg/l	0.025	.	.	.	.	dry	.	.	.	.	.
Mercury	mg/l	0.000012	.	.	.	.	dry	.	.	.	.	.
Selenium	mg/l	0.005	.	.	**0.0148**	.	dry	.	.	.	.	.
Silver	mg/l	0.00006	.	.	.	.	dry	.	**0.0026**	.	.	.

NA - compound not analyzed
2B - Standard for Class C Surface Water
** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.
Data thru 1.15.2003 compiled from previous report tables.

Appendix A

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2580

1. WELL CONTRACTOR:

JASON MANTAK
Well Contractor (Individual) Name

GEOLOGIC EXPLORATION, INC.
Well Contractor Company Name

STREET ADDRESS 176 COMMERCE BLVD

STATESVILLE | NC | 28625
City or Town | State | Zip Code

(704)- 872-7686
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-2S

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation☐ Other ☐ (list use)

DATE DRILLED 10/03/06

TIME COMPLETED AM ☐ PM ☐

3. WELL LOCATION:

CITY: GREENSBORO COUNTY GUILFORD

4049 WILEY DAVIS DRIVE
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐Slope ☐Valley ☐Flat ☐Ridge ☐ Other
(check appropriate box)

LATITUDE
LONGITUDE

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☐GPS ☐Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY WILEY DAVIS LANDFILL

STREET ADDRESS 4049 WILEY DAVIS DRIVE

GREENSBORO | NC
City or Town | State | Zip Code

CONTACT PERSON D.H. GRIFFIN

MAILING ADDRESS 4700 HILLTOP ROAD

GREENSBORO | NC | 28209
City or Town | State | Zip Code

(_____)-
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 20.0 FEET

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 3.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

From___ To___ From___ To___
From___ To___ From___ To___
From___ To___ From___ To___

6. CASING:

Depth		Diameter	Thickness/ Weight	Material
From 0.0	To 5.0 Ft.	2 INCH	SCH 40	PVC
From	To Ft.			
From	To Ft.			

7. GROUT:

Depth		Material	Method
From 0.0	To 1.0 Ft.	Portland bentonite	SLURRY
From	To Ft.		
From	To Ft.		

8. SCREEN:

Depth		Diameter	Slot Size	Material
From 5.0	To 20.0 Ft.	2.0 in.	.010 in.	PVC
From	To Ft.	in.	in.	
From	To Ft.	in.	in.	

9. SAND/GRAVEL PACK:

Depth		Size	Material
From 3.0	To 20.0 Ft.	20-40	Fine Silica Sand
From	To Ft.		
From	To Ft.		

10. DRILLING LOG

From	To	Formation Description
0.0	15.0	TRASH, WOOD, CLAY
15.0	20.0	FRACTURED ROCK

11. REMARKS:

Bentonite seal from 1.0 to 3.0 Feet.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 11/02/06

JASON MANTAK
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2580

1. WELL CONTRACTOR:

JASON MANTAK
Well Contractor (Individual) Name

GEOLOGIC EXPLORATION, INC.
Well Contractor Company Name

STREET ADDRESS 176 COMMERCE BLVD

STATESVILLE | NC | 28625
City or Town | State | Zip Code

(704)- 872-7686
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-2D

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use)

DATE DRILLED 10/03-10/04/06

TIME COMPLETED AM ☐ PM ☐

3. WELL LOCATION:

CITY: GREENSBORO COUNTY GUILFORD

4049 WILEY DAVIS DRIVE
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE
LONGITUDE

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☐ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY WILEY DAVIS LANDFILL

STREET ADDRESS 4049 WILEY DAVIS DRIVE

GREENSBORO | NC
City or Town | State | Zip Code

CONTACT PERSON D.H. GRIFFIN

MAILING ADDRESS 4700 HILLTOP ROAD

GREENSBORO | NC | 28209
City or Town | State | Zip Code

( )-
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 80.0 FEET

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 3.0 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 2.5 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

From To From To
From To From To
From To From To

6. CASING:

Depth		Diameter	Thickness/ Weight	Material
From 0.0	To 70.0 Ft.	2 INCH	SCH 40	PVC
From 0.0	To 25.0 Ft.	6 INCH	SCH 40	PVC
From	To Ft.			

7. GROUT:

Depth		Material	Method
From 0.0	To 60.0 Ft.	Portland bentonite	SLURRY
From 0.0	To 25.0 Ft.	Portland bentonite	SLURRY
From	To Ft.		

8. SCREEN:

Depth		Diameter	Slot Size	Material
From 70.0	To 80.0 Ft.	2.0 in.	.010 in.	PVC
From	To Ft.	in.	in.	
From	To Ft.	in.	in.	

9. SAND/GRAVEL PACK:

Depth		Size	Material
From 68.0	To 80.0 Ft.	20-40	Fine Silica Sand
From	To Ft.		
From	To Ft.		

10. DRILLING LOG

From	To	Formation Description
0.0	15.0	TRASH, WOOD, CLAY
15.0	24.0	BROWN FRACTURED ROCK
24.0	37.0	BROWN PARTIALLY WEATHERED ROCK
37.0	82.0	LAYERS OF GREY ROCK IN PARTIALLY WEATHERED ROCK

11. REMARKS:

Bentonite seal from 60.0 to 68.0 Feet.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR — DATE 11/02/06

JASON MANTAK
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

Appendix B

Ground Water Sampling

Prior to ground water sample collection, the water level in each well is measured with a decontaminated electric water level probe. Water level measurements are used to create ground water contour maps (either water table or potentiometric) and to calculate well volumes. The wells are purged by removing three to five times the well volume, or until dry, with decontaminated Teflon™ bailers, new disposable bailers, or low-flow submersible or peristaltic pumps to remove stagnant water within the well, enabling the collection of a more representative ground water sample. Depending on the site status, temperature, specific conductivity, pH, and dissolved oxygen are measured and recorded in the field, following the removal of each volume of water. Samples are generally not collected until the field parameters stabilize to within approximately 10% over consecutive measurements.

Ground Water Sample Collection:

Ground water samples are typically collected within one hour of purging to minimize the loss of any volatile organic compounds (VOCs) that may be present. Laboratory decontaminated bottom-valve Teflon ™ bailers, new disposable bailers, or low-flow submersible or peristaltic pumps may be used to withdraw the samples.

All ground water samples are decanted into laboratory provided containers appropriate for the parameters being analyzed, preserved as required by the analytical technique, and labeled with the following information: sampler's name, date of collection, sample number, analysis to be preformed, and project designation. Samples are stored and transported to the analytical laboratory in an insulated cooler chilled to approximately 4.0 °C. To ensure sample integrity, all samples are transported in accordance with EPA chain-of-custody protocols. All samples are typically transported to the laboratory within 48 hours of sample collection, if possible.

Appendix C

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

November 20, 2006

Mr. Phil Rahn
Waters Edge Environmental
4901 Water's Edge Drive
Suite 201
Raleigh, NC 27606

RE: Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Dear Mr. Rahn:

Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Tammie Easter
tammie.easter@pacelabs.com
(336) 623-8921
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664391 | Project Sample Number: 92131856-001 | Date Collected: 11/09/06 15:00
Client Sample ID: UPSTREAM | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/16/06 22:22	SHB	7440-38-2		
Barium	0.18	mg/l	0.00500	1.0	11/16/06 22:22	SHB	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/16/06 22:22	SHB	7440-43-9		
Chromium	ND	mg/l	0.00500	1.0	11/16/06 22:22	SHB	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/16/06 22:22	SHB	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/16/06 22:22	SHB	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/16/06 22:22	SHB	7440-22-4		
Date Digested	11/16/06 11:40				11/16/06 11:40				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:05	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664409 | Project Sample Number: 92131856-002 | Date Collected: 11/09/06 15:30
Client Sample ID: DOWNSTREAM | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/16/06 22:25	SHB	7440-38-2		
Barium	0.11	mg/l	0.00500	1.0	11/16/06 22:25	SHB	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/16/06 22:25	SHB	7440-43-9		
Chromium	ND	mg/l	0.00500	1.0	11/16/06 22:25	SHB	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/16/06 22:25	SHB	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/16/06 22:25	SHB	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/16/06 22:25	SHB	7440-22-4		
Date Digested	11/16/06 11:40				11/16/06 11:40				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664409
Client Sample ID: DOWNSTREAM

Project Sample Number: 92131856-002
Matrix: Water

Date Collected: 11/09/06 15:30
Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/16/06 17:29	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	127-18-4		
Tetrahydrofuran	ND	mg/l	0.01000	1.0	11/16/06 17:29	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/16/06 17:29	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/16/06 17:29	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/16/06 17:29	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664409 | Project Sample Number: 92131856-002 | Date Collected: 11/09/06 15:30
Client Sample ID: DOWNSTREAM | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	100	%		1.0	11/16/06 17:29	MSF	2037-26-5		
4-Bromofluorobenzene (S)	99	%		1.0	11/16/06 17:29	MSF	460-00-4		
Dibromofluoromethane (S)	101	%		1.0	11/16/06 17:29	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	97	%		1.0	11/16/06 17:29	MSF	17060-07-0	1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664417 | Project Sample Number: 92131856-003 | Date Collected: 11/09/06 11:00
Client Sample ID: MW-1 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 16:40	JDA1	7440-38-2		
Barium	0.47	mg/l	0.00500	1.0	11/19/06 16:40	JDA1	7440-39-3		
Cadmium	0.0020	mg/l	0.00100	1.0	11/19/06 16:40	JDA1	7440-43-9		
Chromium	0.11	mg/l	0.00500	1.0	11/19/06 16:40	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:40	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:40	JDA1	7782-49-2		
Silver	0.0075	mg/l	0.00500	1.0	11/19/06 16:40	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664417 | Project Sample Number: 92131856-003 | Date Collected: 11/09/06 11:00
Client Sample ID: MW-1 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 05:45	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	127-18-4		
Tetrahydrofuran	ND	mg/l	0.01000	1.0	11/17/06 05:45	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 05:45	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 05:45	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 05:45	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664417 | Project Sample Number: 92131856-003 | Date Collected: 11/09/06 11:00
Client Sample ID: MW-1 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	98	%		1.0	11/17/06 05:45	MSF	2037-26-5		
4-Bromofluorobenzene (S)	98	%		1.0	11/17/06 05:45	MSF	460-00-4		
Dibromofluoromethane (S)	103	%		1.0	11/17/06 05:45	MSF	1868-53-7		
1.2-Dichloroethane-d4 (S)	99	%		1.0	11/17/06 05:45	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664425 | Project Sample Number: 92131856-004 | Date Collected: 11/09/06 14:30
Client Sample ID: MW-2 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 16:43	JDA1	7440-38-2		
Barium	0.34	mg/l	0.00500	1.0	11/19/06 16:43	JDA1	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/19/06 16:43	JDA1	7440-43-9		
Chromium	0.0092	mg/l	0.00500	1.0	11/19/06 16:43	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:43	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:43	JDA1	7782-49-2		
Silver	0.0050	mg/l	0.00500	1.0	11/19/06 16:43	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	0.0019	mg/l	0.00100	1.0	11/17/06 06:09	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	56-23-5		
Chlorobenzene	0.0073	mg/l	0.00100	1.0	11/17/06 06:09	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	67-66-3		
Chloromethane	0.0016	mg/l	0.00100	1.0	11/17/06 06:09	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	74-95-3		
1,2-Dichlorobenzene	0.0018	mg/l	0.00100	1.0	11/17/06 06:09	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664425 | Project Sample Number: 92131856-004 | Date Collected: 11/09/06 14:30
Client Sample ID: MW-2 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	0.0019	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	98-82-8		
p-Isopropyltoluene	0.0018	mg/l	0.00100	1.0	11/17/06 06:09	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 06:09	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	1634-04-4		
Naphthalene	0.0033	mg/l	0.00100	1.0	11/17/06 06:09	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	127-18-4		
Tetrahydrofuran	0.11	mg/l	0.01000	1.0	11/17/06 06:09	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 06:09	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 06:09	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 06:09	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664425 | Project Sample Number: 92131856-004 | Date Collected: 11/09/06 14:30
Client Sample ID: MW-2 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	99	%		1.0	11/17/06 06:09	MSF	2037-26-5		
4-Bromofluorobenzene (S)	98	%		1.0	11/17/06 06:09	MSF	460-00-4		
Dibromofluoromethane (S)	100	%		1.0	11/17/06 06:09	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	98	%		1.0	11/17/06 06:09	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664433 | Project Sample Number: 92131856-005 | Date Collected: 11/09/06 15:00
Client Sample ID: MW-2D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 16:46	JDA1	7440-38-2		
Barium	0.45	mg/l	0.00500	1.0	11/19/06 16:46	JDA1	7440-39-3		
Cadmium	0.0016	mg/l	0.00100	1.0	11/19/06 16:46	JDA1	7440-43-9		
Chromium	0.016	mg/l	0.00500	1.0	11/19/06 16:46	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:46	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:46	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 16:46	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	0.0016	mg/l	0.00100	1.0	11/17/06 06:32	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	108-90-7		
Chloroethane	0.0046	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664433 | Project Sample Number: 92131856-005 | Date Collected: 11/09/06 15:00
Client Sample ID: MW-2D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-71-8		
1,1-Dichloroethane	0.0019	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	87-68-3		
Isopropylbenzene (Cumene)	0.0021	mg/l	0.00100	1.0	11/17/06 06:32	MSF	98-82-8		
p-Isopropyltoluene	0.0039	mg/l	0.00100	1.0	11/17/06 06:32	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 06:32	MSF	75-09-2		
Methyl-tert-butyl ether	0.0013	mg/l	0.00100	1.0	11/17/06 06:32	MSF	1634-04-4		
Naphthalene	0.0089	mg/l	0.00100	1.0	11/17/06 06:32	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	127-18-4		
Tetrahydrofuran	0.18	mg/l	0.01000	1.0	11/17/06 06:32	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	96-18-4		
1,2,4-Trimethylbenzene	0.0025	mg/l	0.00100	1.0	11/17/06 06:32	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 06:32	MSF	75-01-4		
Xylene (Total)	0.0043	mg/l	0.00200	1.0	11/17/06 06:32	MSF	1330-20-7		
m&p-Xylene	0.0031	mg/l	0.00200	1.0	11/17/06 06:32	MSF			
o-Xylene	0.0012	mg/l	0.00100	1.0	11/17/06 06:32	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664433 | Project Sample Number: 92131856-005 | Date Collected: 11/09/06 15:00
Client Sample ID: MW-2D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	99	%		1.0	11/17/06 06:32	MSF	2037-26-5		
4-Bromofluorobenzene (S)	99	%		1.0	11/17/06 06:32	MSF	460-00-4		
Dibromofluoromethane (S)	101	%		1.0	11/17/06 06:32	MSF	1868-53-7		
1.2-Dichloroethane-d4 (S)	95	%		1.0	11/17/06 06:32	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664441 | Project Sample Number: 92131856-006 | Date Collected: 11/09/06 15:30
Client Sample ID: MW-3 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	0.0052	mg/l	0.00500	1.0	11/19/06 16:49	JDA1	7440-38-2		
Barium	0.88	mg/l	0.00500	1.0	11/19/06 16:49	JDA1	7440-39-3		
Cadmium	0.0043	mg/l	0.00100	1.0	11/19/06 16:49	JDA1	7440-43-9		
Chromium	0.017	mg/l	0.00500	1.0	11/19/06 16:49	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:49	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:49	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 16:49	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664441 | Project Sample Number: 92131856-006 | Date Collected: 11/09/06 15:30
Client Sample ID: MW-3 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 06:56	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	127-18-4		
Tetrahydrofuran	0.022	mg/l	0.01000	1.0	11/17/06 06:56	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 06:56	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 06:56	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 06:56	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664441 | Project Sample Number: 92131856-006 | Date Collected: 11/09/06 15:30
Client Sample ID: MW-3 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	98	%		1.0	11/17/06 06:56	MSF	2037-26-5		
4-Bromofluorobenzene (S)	98	%		1.0	11/17/06 06:56	MSF	460-00-4		
Dibromofluoromethane (S)	103	%		1.0	11/17/06 06:56	MSF	1868-53-7		
1.2-Dichloroethane-d4 (S)	98	%		1.0	11/17/06 06:56	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664458 | Project Sample Number: 92131856-007 | Date Collected: 11/09/06 16:00
Client Sample ID: MW-3D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 16:52	JDA1	7440-38-2		
Barium	0.13	mg/l	0.00500	1.0	11/19/06 16:52	JDA1	7440-39-3		
Cadmium	0.0011	mg/l	0.00100	1.0	11/19/06 16:52	JDA1	7440-43-9		
Chromium	0.010	mg/l	0.00500	1.0	11/19/06 16:52	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:52	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:52	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 16:52	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	74-95-3		
1,2-Dichlorobenzene	0.0012	mg/l	0.00100	1.0	11/17/06 07:19	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664458 | Project Sample Number: 92131856-007 | Date Collected: 11/09/06 16:00
Client Sample ID: MW-3D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 07:19	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	127-18-4		
Tetrahydrofuran	ND	mg/l	0.01000	1.0	11/17/06 07:19	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 07:19	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 07:19	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 07:19	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664458 | Project Sample Number: 92131856-007 | Date Collected: 11/09/06 16:00
Client Sample ID: MW-3D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	100	%		1.0	11/17/06 07:19	MSF	2037-26-5		
4-Bromofluorobenzene (S)	100	%		1.0	11/17/06 07:19	MSF	460-00-4		
Dibromofluoromethane (S)	101	%		1.0	11/17/06 07:19	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		1.0	11/17/06 07:19	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664508 | Project Sample Number: 92131856-008 | Date Collected: 11/09/06 13:00
Client Sample ID: MW-4 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 16:55	JDA1	7440-38-2		
Barium	0.76	mg/l	0.00500	1.0	11/19/06 16:55	JDA1	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/19/06 16:55	JDA1	7440-43-9		
Chromium	0.011	mg/l	0.00500	1.0	11/19/06 16:55	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 16:55	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 16:55	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 16:55	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	56-23-5		
Chlorobenzene	0.0015	mg/l	0.00100	1.0	11/17/06 07:43	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664508 | Project Sample Number: 92131856-008 | Date Collected: 11/09/06 13:00
Client Sample ID: MW-4 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 07:43	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	127-18-4		
Tetrahydrofuran	0.017	mg/l	0.01000	1.0	11/17/06 07:43	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 07:43	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 07:43	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 07:43	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664508 | Project Sample Number: 92131856-008 | Date Collected: 11/09/06 13:00
Client Sample ID: MW-4 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	100	%		1.0	11/17/06 07:43	MSF	2037-26-5		
4-Bromofluorobenzene (S)	100	%		1.0	11/17/06 07:43	MSF	460-00-4		
Dibromofluoromethane (S)	102	%		1.0	11/17/06 07:43	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		1.0	11/17/06 07:43	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664516 | Project Sample Number: 92131856-009 | Date Collected: 11/09/06 13:30
Client Sample ID: MW-4D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 17:05	JDA1	7440-38-2		
Barium	0.026	mg/l	0.00500	1.0	11/19/06 17:05	JDA1	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/19/06 17:05	JDA1	7440-43-9		
Chromium	ND	mg/l	0.00500	1.0	11/19/06 17:05	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 17:05	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 17:05	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 17:05	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664516 | Project Sample Number: 92131856-009 | Date Collected: 11/09/06 13:30
Client Sample ID: MW-4D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-71-8		
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-34-3		
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	107-06-2		
1,2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	540-59-0		
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	156-60-5		
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	78-87-5		
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	142-28-9		
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	594-20-7		
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 08:07	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	127-18-4		
Tetrahydrofuran	0.013	mg/l	0.01000	1.0	11/17/06 08:07	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	120-82-1		
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	71-55-6		
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-69-4		
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	96-18-4		
1,2,4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	95-63-6		
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 08:07	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 08:07	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 08:07	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664516 | Project Sample Number: 92131856-009 | Date Collected: 11/09/06 13:30
Client Sample ID: MW-4D | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	99	%		1.0	11/17/06 08:07	MSF	2037-26-5		
4-Bromofluorobenzene (S)	98	%		1.0	11/17/06 08:07	MSF	460-00-4		
Dibromofluoromethane (S)	103	%		1.0	11/17/06 08:07	MSF	1868-53-7		
1.2-Dichloroethane-d4 (S)	99	%		1.0	11/17/06 08:07	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Water	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664524 | Project Sample Number: 92131856-010 | Date Collected: 11/09/06 12:00
Client Sample ID: MW-7 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Metals									
Metals by Trace ICP	Prep/Method: EPA 3010 / EPA 6010								
Arsenic	ND	mg/l	0.00500	1.0	11/19/06 17:08	JDA1	7440-38-2		
Barium	0.14	mg/l	0.00500	1.0	11/19/06 17:08	JDA1	7440-39-3		
Cadmium	ND	mg/l	0.00100	1.0	11/19/06 17:08	JDA1	7440-43-9		
Chromium	0.056	mg/l	0.00500	1.0	11/19/06 17:08	JDA1	7440-47-3		
Lead	ND	mg/l	0.00500	1.0	11/19/06 17:08	JDA1	7439-92-1		
Selenium	ND	mg/l	0.01000	1.0	11/19/06 17:08	JDA1	7782-49-2		
Silver	ND	mg/l	0.00500	1.0	11/19/06 17:08	JDA1	7440-22-4		
Date Digested	11/18/06 10:00				11/18/06 10:00				
Mercury, CVAAS, in Water	Method: EPA 7470								
Mercury	ND	mg/l	0.00020	1.0	11/14/06 11:39	ALV	7439-97-6		
GC/MS Volatiles									
GC/MS VOCs by 8260, low level	Method: EPA 8260								
Benzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	71-43-2		
Bromobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	108-86-1		
Bromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	74-97-5		
Bromodichloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-27-4		
Bromoform	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-25-2		
Bromomethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	74-83-9		
n-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	104-51-8		
sec-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	135-98-8		
tert-Butylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	98-06-6		
Carbon tetrachloride	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	56-23-5		
Chlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	108-90-7		
Chloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-00-3		
Chloroform	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	67-66-3		
Chloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	74-87-3		
2-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	95-49-8		
4-Chlorotoluene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	96-12-8		
Dibromochloromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	106-93-4		
Dibromomethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	74-95-3		
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	95-50-1		
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	541-73-1		
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	106-46-7		

REPORT OF LABORATORY ANALYSIS
This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664524 | Project Sample Number: 92131856-010 | Date Collected: 11/09/06 12:00
Client Sample ID: MW-7 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-71-8		
1.1-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-34-3		
1.2-Dichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	107-06-2		
1.2-Dichloroethene (Total)	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	540-59-0		
1.1-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-35-4		
cis-1.2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	156-59-2		
trans-1.2-Dichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	156-60-5		
1.2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	78-87-5		
1.3-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	142-28-9		
2.2-Dichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	594-20-7		
1.1-Dichloropropene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	563-58-6		
Diisopropyl ether	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	108-20-3		
Ethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	100-41-4		
Hexachloro-1.3-butadiene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	87-68-3		
Isopropylbenzene (Cumene)	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	98-82-8		
p-Isopropyltoluene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	99-87-6		
Methylene chloride	ND	mg/l	0.00200	1.0	11/17/06 08:30	MSF	75-09-2		
Methyl-tert-butyl ether	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	1634-04-4		
Naphthalene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	91-20-3		
n-Propylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	103-65-1		
Styrene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	100-42-5		
1.1.1.2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	630-20-6		
1.1.2.2-Tetrachloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	79-34-5		
Tetrachloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	127-18-4		
Tetrahydrofuran	ND	mg/l	0.01000	1.0	11/17/06 08:30	MSF	109-99-9		
Toluene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	108-88-3		
1.2.3-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	87-61-6		
1.2.4-Trichlorobenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	120-82-1		
1.1.1-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	71-55-6		
1.1.2-Trichloroethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	79-00-5		
Trichloroethene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	79-01-6		
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-69-4		
1.2.3-Trichloropropane	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	96-18-4		
1.2.4-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	95-63-6		
1.3.5-Trimethylbenzene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	108-67-8		
Vinyl chloride	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	75-01-4		
Xylene (Total)	ND	mg/l	0.00200	1.0	11/17/06 08:30	MSF	1330-20-7		
m&p-Xylene	ND	mg/l	0.00200	1.0	11/17/06 08:30	MSF			
o-Xylene	ND	mg/l	0.00100	1.0	11/17/06 08:30	MSF	95-47-6		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs	
NC Wastewater	40
NC Drinking Water	37712
SC Environmental	99030

Burlington Certification IDs	
NC Drinking Water	37743
NC Wastewater	85
VA Drinking Water	00018

Eden Certification IDs	
NC Drinking Wate	37738
VA Drinking Water	00424

Charlotte Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

Lab Project Number: 92131856
Client Project ID: R5-34 Wiley Davis Landfill

Lab Sample No: 927664524 | Project Sample Number: 92131856-010 | Date Collected: 11/09/06 12:00
Client Sample ID: MW-7 | Matrix: Water | Date Received: 11/10/06 10:50

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Toluene-d8 (S)	96	%		1.0	11/17/06 08:30	MSF	2037-26-5		
4-Bromofluorobenzene (S)	97	%		1.0	11/17/06 08:30	MSF	460-00-4		
Dibromofluoromethane (S)	104	%		1.0	11/17/06 08:30	MSF	1868-53-7		
1,2-Dichloroethane-d4 (S)	101	%		1.0	11/17/06 08:30	MSF	17060-07-0		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
370 West Meadow Road
Eden, NC 27288
Phone: 336.623.8921
Fax: 336.623.5878

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content.

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate
[1]	Sample was received by the laboratory without acid preservation as recommended by the US EPA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,without the written consent of Pace Analytical Services, Inc.

Asheville Certification IDs		Burlington Certification IDs		Eden Certification IDs		Charlotte Certification IDs	
NC Wastewater	40	NC Drinking Water	37743	NC Drinking Water	37738	NC Wastewater	12
NC Drinking Water	37712	NC Wastewater	85	VA Drinking Water	00424	NC Drinking Water	37706
SC Environmental	99030	VA Drinking Water	00018			SC	99006

1432
19

Pace Analytical

CHAIN OF CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1000886

Section A Required Client Information:

Company	WATERS EDGE ENV.
Address	Raleigh, N.C.
Email To:	Phil Rahn
Phone	919-859-9987
Fax	
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Phil Rahn
Copy To:	"
Purchase Order No.:	R5-34
Project Name:	Wiley Davis Landfill
Project Number:	R5-34

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

- [ ] NPDES
- [x] GROUND WATER
- [ ] DRINKING WATER
- [ ] UST
- [ ] RCRA
- [ ] Other

SITE LOCATION

- [ ] GA
- [ ] IL
- [ ] IN
- [ ] MI
- [ ] MN
- [x] NC
- [ ] OH
- [ ] SC
- [ ] WI
- [ ] OTHER

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

92131856 (1SB)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N) / Requested Analysis: 8260 + THE RCRA METALS	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	UPSTREAM	WT	G	11-9-06	1500				4			1	3					✓ ✓		927664391
2	DOWNSTREAM	WT	G		1530				4			1	3					✓ ✓		4409
3	mw-1	WT	G		1100				4			1	3					✓ ✓		4417
4	mw-2	WT	G		1430				4			1	3					✓ ✓		4425
5	mw-2d	WT	G		1500				4			1	3					✓ ✓		4433
6	mw-3	WT	G		1530				4			1	3					✓ ✓		4441
7	mw-3d	WT	G		1600				4			1	3					✓ ✓		4458
8	mw-4	WT	G		1300				4			1	3					✓ ✓		4508
9	mw-4d	WT	G		1330				4			1	3					✓ ✓		4516
10	mw-7	WT	G		1200				4			1	3					✓ ✓		4524
11																				
12																				

Additional Comments:

GTE

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Thomas Haynes	11-10-06	1050	Kyle Pickard	11/10	1050

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Thomas Haynes

SIGNATURE of SAMPLER: Thomas Haynes

DATE Signed (MM / DD / YY): 11-9-06

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05