WATERS EDGE ENVIRONMENTAL, LLC
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North Carolina Groundwater/Surface Water Exceedance Notification (December 31st, 2015)

Well	Parameter	Concentration (mg/L)	NCGS (mg/L)
WD-1	Chromium	0.014	0.010
WD-2	Benzene	0.0013	0.001
WD-2	THF	0.100	0.0046*
WD-2D	THF	0.068	0.0046*
WD-3	Barium	0.8	0.7
WD-3	THF	0.023	0.0046*
WD-4	Barium	0.79	0.7
WD-4	THF	0.015	0.0046*
WD-7	Chromium	0.02	0.01
WD-8	Barium	0.84	0.7
WD-8	Chromium	0.013	0.01
WD-9	Cadmium	0.028	0.002

December 2015 Groundwater and Surface Water Sampling Report
Former Wiley Davis Landfill
Wiley Davis Road
Greensboro, North Carolina
Permit #41-B
January 20, 2016

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 20, 2016

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

Reference: December 2015 Groundwater 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 December 2015 groundwater 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: Ms. Christine Ritter- NCDENR

16-008/PLR/aht

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December 2015 Ground and Surface Water Sampling Report
Former Wiley Davis Landfill
Wiley Davis Road
Greensboro, North Carolina
Permit #41-B
January 20, 2016

1 Introduction

A groundwater 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 groundwater 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 groundwater, and the possible source(s) of contamination detected in the groundwater 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). Since 2005 the sampling responsibilities have been contracted with Waters Edge Environmental, LLC (Waters Edge).

Herein contains an account of the field sampling, laboratory analytical results and our conclusions and recommendations for the site.

2 Groundwater Sampling Activities

2.1 Monitoring Well Sampling

On December 31st, 2015, a Waters Edge environmental technician was mobilized to the site for the groundwater sampling activities. Prior to the sampling event, depth-to-groundwater measurements were made to the nearest 0.01 foot at each monitoring well using an electric water level indicator (see Tables 1 and 2).

Groundwater samples were collected from wells WD-1, WD-2, WD-2D, WD-3, WD-3D, WD-4, WD-4D, WD-7, WD-8, and WD-9. Groundwater samples were analyzed for volatile organic compounds (VOCs) and tetrahydrofuran (THF) according to EPA Method 8260B and total RCRA metals (EPA Method 6010 and 7470- see summary of analytical results in Table 3 and documentation in Appendix A).

2.3 Surface Water Sampling

On December 31st, 2015, both upgradient (SW-1 see Figure 2) and downgradient (SW-2 see Figure 2) surface water samples were collected and analyzed for VOCs and THF according

to EPA Method 8260B and total RCRA metals (EPA Method 6010 and 7470- see summary of analytical results in Table 3 and documentation in Appendix A).

3 Assessment Results

3.1 Groundwater Conditions

On December 31st, 2015 water level measurements collected from the shallow wells indicate the shallow water table elevations range from 816.99 feet (WD-7) to 787.07 feet (WD-3) above mean sea level (msl). We would add that WD-2, WD-2D, WD-8 and WD-9 have not been surveyed to add as a data point. The groundwater elevations continue to indicate an overall southwesterly flow direction for shallow groundwater. The horizontal hydraulic gradient of the shallow water table has an average gradient of 0.0162 ft/ft (see Figure 3)

The vertical gradient was calculated to be 0.0532 ft/ft downward between wells WD-3 and WD-3D and -0.0931 upward between wells WD-4 and WD-4D. We would also note that WD-2/WD-2D have not been surveyed.

3.2 Groundwater Laboratory Analytical Results

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

WD-1 This well had the following NCGS exceedances:

- Chromium at 0.014 mg/L versus a NCGS at 0.01 mg/L

WD-2 This well had the following NCGS exceedances:

- Benzene at 0.0013 mg/L versus a NCGS at 0.001 mg/L
- THF at 0.1 mg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 0.0046 mg/L (there is no codified NCGS)

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

- THF at 0.068 mg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 0.0046 mg/L (there is no codified NCGS)

WD-3 This well had the following NCGS exceedances:

- Barium at 0.8 mg/L versus a NCGS at 0.7 mg/L

- THF at 0.023 mg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 0.0046 mg/L (there is no codified NCGS)

WD-4 This well had the following NCGS exceedances:

- Barium at 0.79 mg/L versus a NCGS at 0.7 mg/L
- THF at 0.015 mg/L versus a North Carolina Occupational and Environmental Epidemiology Branch Recommended 2L Standard of 0.0046 mg/L (there is no codified NCGS)

WD-7 This well had the following NCGS exceedances:

- Chromium at 0.072 mg/L versus a NCGS at 0.01 mg/L

WD-8 This well had the following NCGS exceedances:

- Barium at 0.84 mg/L versus a NCGS at 0.7 mg/L
- Chromium at 0.013 mg/L versus a NCGS at 0.01 mg/L

WD-9 This well had the following NCGS exceedances:

- Cadmium at 0.0028 mg/L versus a NCGS at 0.002 mg/L

3.3 Surface Water Laboratory Analytical Results

Low levels of one inorganic constituent was detected in upstream sampling point SW-1 (barium at 0.15 mg/L), and the downstream sampling point SW-2 had one inorganic (barium at 0.13 mg/L); however, no applicable Class C surface water standards were exceeded (15A NCAC 2B .0211).

4 Conclusions and Recommendations

Information gathered during groundwater assessment activities to date indicates the general shallow and deep groundwater flow direction (horizontal gradient) beneath the site to be to the southwest. Using a horizontal hydraulic gradient of 0.0162 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 groundwater migration would be on the order of 0.612 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 groundwater quality downgradient of the landfill has occurred.

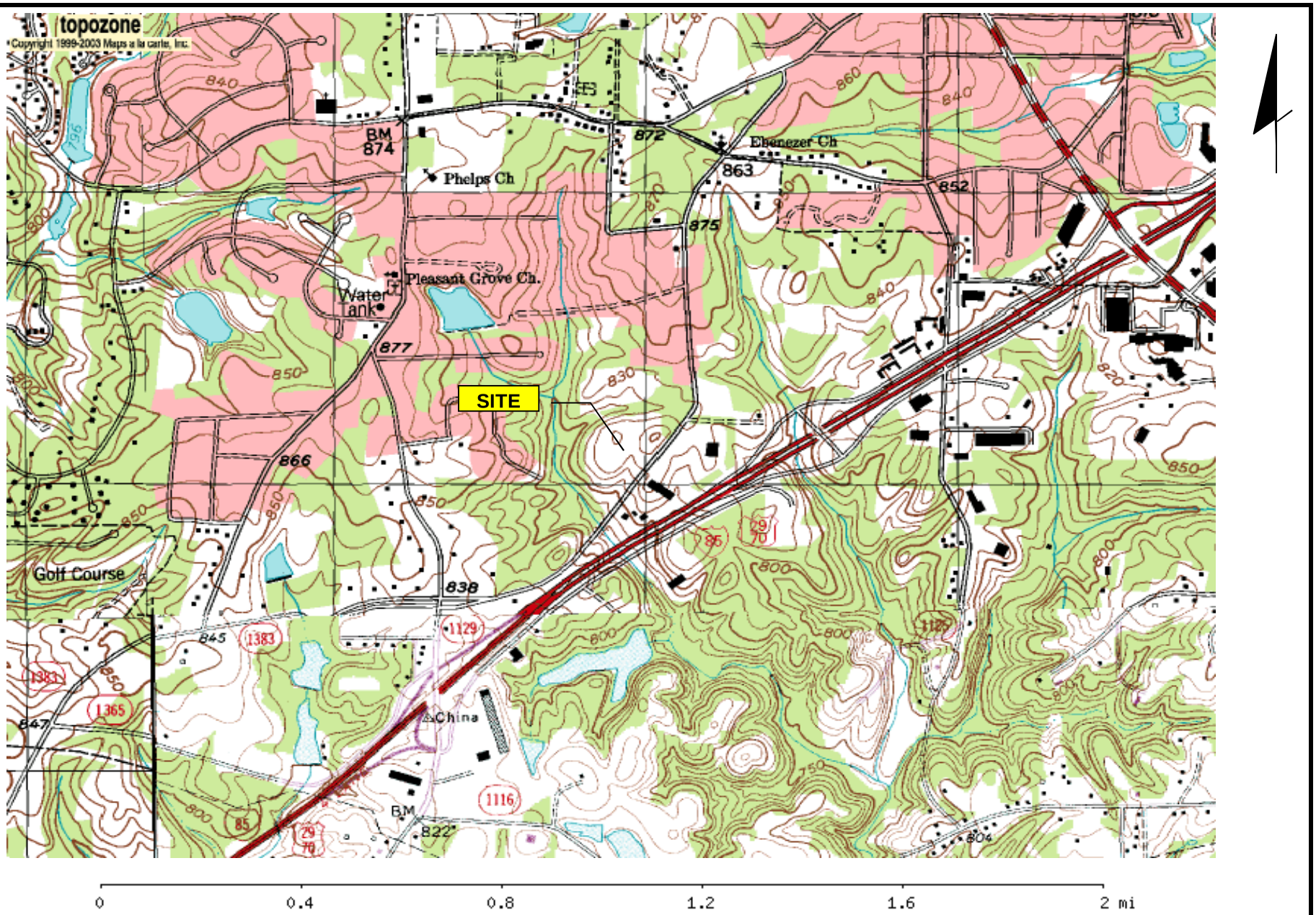
There were several low level NCGS exceedances for arsenic, barium, cadmium, chromium and selenium. THF was also detected at low concentrations in four of the wells sampled ranging from 0.015 mg/L (WD-4) to 0.1 mg/L (WD-2) which is above the interim NCGS at 4.6 μg/L. Based upon our research into THF uses, it appears one major use is for PVC pipe cement which could have been mistakenly used in the older monitoring wells. The newer monitoring wells were ND for THF during this sampling round. The levels in the remaining wells appear to be either stable or decreasing to below NCGS with respect to time.

There were also several inorganic constituents detected in the newly emplaced monitoring wells WD-8 and WD-9. Based on the total absence of VOCs, we would still conclude that these are potentially due to sediment causing false positive readings. We believe that with continued development and sampling that the inorganic constituents will decrease. We would conclude that the plume is adequately defined horizontally.

Only one RCRA metal was detected in surface water samples (barium) at concentrations 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 be continued on a semiannual schedule and once the offsite monitoring wells reduce to below NCGS, be reduced to an annual schedule. This next sampling event would be conducted in November 2016. We would also recommend that WD-2, WD-2D, WD-8, and WD-9 be surveyed for both horizontal and vertical control.

Figures

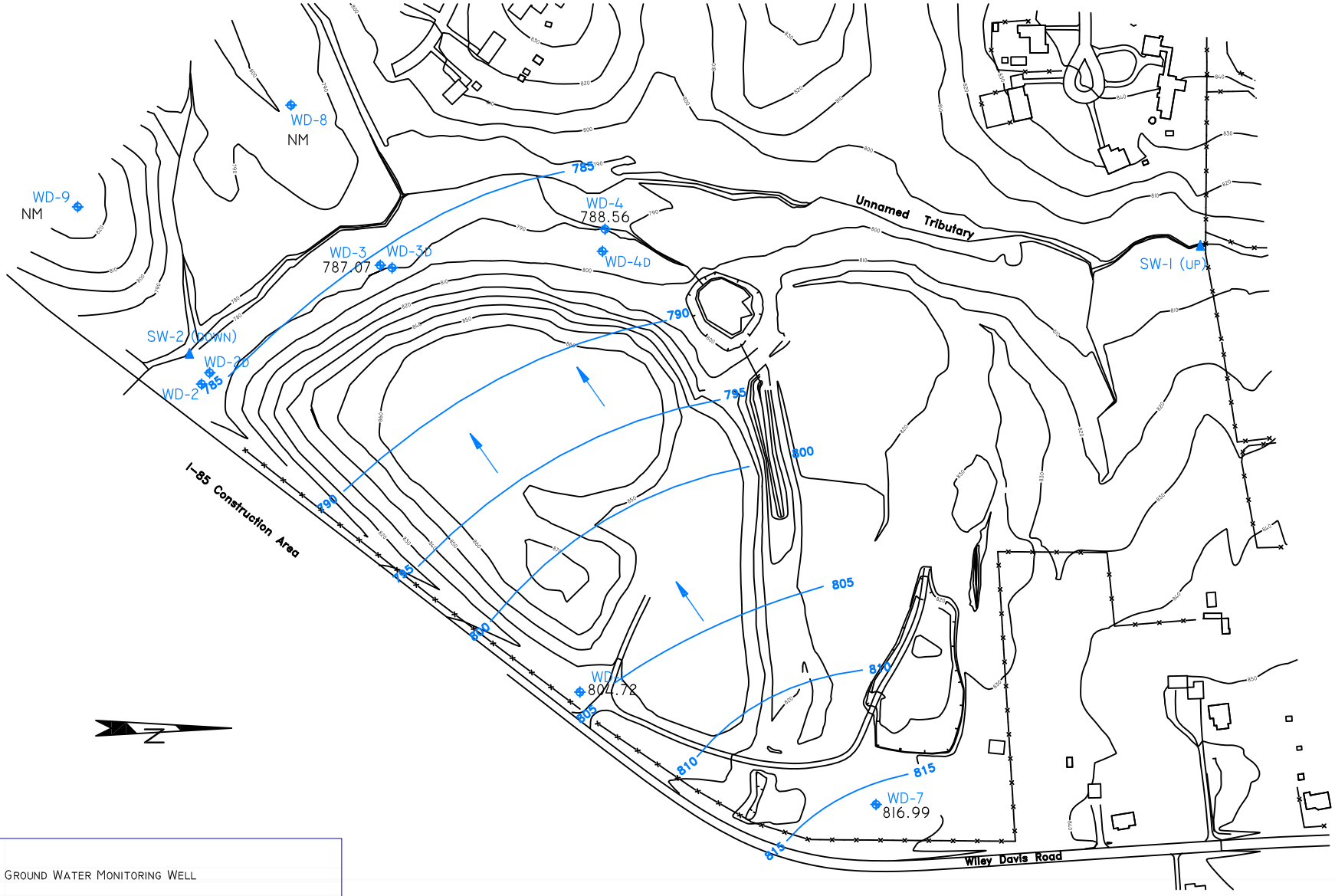


WATERS EDGE ENVIRONMENTAL, LLC	*Author*	*Drawing* R5-34.xls	*Quad* Greensboro	*Date* 7/6/2005	*Title* Project Location Map
	Job No. R5-34	*Report Date*	*Figure* 1	*Scale* as shown	*Project* Wiley Davis Landfill Greensboro, North Carolina

GUILFORD COUNTY SPATIAL DATA EXPLORER
2003

WATERS EDGE ENVIRONMENTAL, LLC

Author	Drawing	Layers	Date	Title
	R5-34.xls		7/6/2005	Aerial Photograph Map
Job No.	**Revision**	**Figure**	**Scale**	**Project**
R5-34		2	unknown	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	16-011 F03		1.21.16	Shallow Groundwater Contour Map (Data Collected December 31, 2015)
Job No.	**Revision**	**Figure**	**Scale**	**Project**
R5-34	1.21.16	3	1" = 300'	Wiley Davis Landfill Greensboro, North Carolina

Tables

Table 1
Monitoring Well Reference Points and Groundwater Elevaltions
Wiley Davis Landfill,
Greensboro, North Carolina

Well ID	Reference Point Elevation	Water Level Measurement (12.31.15)	Water Level Elevation
WD-1	836.65	31.93	804.72
WD-3	791.35	4.28	787.07
WD-3D	793.79	8.74	785.05
WD-4	793.28	4.72	788.56
WD-4D	799.11	6.22	792.89
WD-7	828.08	11.04	817.04

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

Well I.D.	Water Level Elevation 12.31.15 (ft.)	Gradient (ft.)
WD-1	804.72	
		0.0181
WD-3	787.07	
WD-1	804.72	
		0.0169
WD-4	788.56	
WD-7	817.04	
		0.0189
WD-1	804.72	
WD-7	817.04	
		0.0218
WD-4	788.56	
WD-4D	792.89	
		0.0176
WD-3D	785.05	
WD-3	787.07	
		0.0532
WD-3D	785.05	
WD-4	788.56	
		-0.0931
WD-4D	792.89	

A Negative Hydraulic Gradient Indicates Greater Hydraulic Head in the Deeper Well or Upward Flow.

Table 3. Groundwater 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	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	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	0.005	.	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. Groundwater 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	Jun-07
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	.	.	.	.	.	.	.	.	.	2.5
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.	.
di-n-butyl phthalate	ug/L	700	.	.	.	.	.	.	.	.	.	.	.
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	NA
4-(o-cresol) Methylphenol	ug/L	3.5	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.	.
N-Nitrosodiphenylamine	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.	.
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**	**2.5**

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	0.47
Cadmium	mg/l	0.005	.	0.0013	0.0014	.	.	.	.	.	.	**0.0020**	.
Chromium	mg/l	0.05	.	.	.	.	.	.	0.014	.	.	**0.11**	0.041
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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-1 (continued)

Parameter	Units	2L Standard	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	0.7	0.47	0.46	0.40	0.41	0.48	0.40	0.46	0.43	0.47	0.44	0.46
Cadmium	mg/l	0.002	.	0.0012	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	**0.052**	**0.096**	**0.044**	**0.025**	**0.040**	**0.025**	**0.061**	**0.027**	**0.041**	**0.020**	**0.014**
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	0.0074	.	.	.	.	0.0058	.	.	.	.

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

WD-1 (continued)

Parameter	Units	2L Standard	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.						
Chlorobenzene	ug/L	50	.	.	.	.	.						
Chloroethane	ug/L	3,000	.	.	.	.	.						
Chloromethane	ug/L	3	.	.	.	.	.						
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.						
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.						
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.						
1,1-Dichloloethane	ug/L	6	.	.	.	.	.						
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.						
Methylene Chloride	ug/L	5.0	.	.	.	.	.						
Naphthalene	ug/L	6	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.						
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.						
Vinyl Chloride	ug/L	0.03	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.						
Barium	mg/l	0.7	0.50	0.52	0.48	0.44	0.52						
Cadmium	mg/l	0.002	.	.	.	.	.						
Chromium	mg/l	0.01	**0.024**	**0.033**	**0.012**	0.010	**0.014**						
Lead	mg/l	0.015	.	.	.	.	.						
Mercury	mg/l	0.001	.	.	.	.	.						
Selenium	mg/l	0.02	.	.	.	.	.						
Silver	mg/l	0.02	.	.	.	.	.						

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. Groundwater 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	.	.	.	.	.	.	.	.	.
sec-butylbenzene	ug/L	70	.	Not Sampled	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	**350**	Not Sampled	**230**	**140**	.	**150**	**62**	**89**	**110**	**110**	**78**
Chloroethane	ug/L	2,800	.	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	.	.	.	.	.
1,1-Dichloloethane	ug/L	700	.	Not Sampled	20	5.9	.	5.0	.	.	1.19	.	.
cis-1,2-Dichloroethene	ug/L	70	.	Not Sampled	.	.	.	.	.	.	.	.	.
Ethylbenzene	ug/L	550	.	Not Sampled	.	.	.	.	.	.	.	.	.
Isopropylbenzene	ug/L	70	.	Not Sampled	.	.	.	.	.	.	.	.	.
p-Isopropylbenzene	ug/L	No Standard	.	Not Sampled	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	Not Sampled	**6.0**	.	.	.	.	.	.	.	.
Methyl-tert butyl ether	ug/L	200.0	.	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	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	Not Sampled	.	.	.	.	.	.	.	.	.
Toluene	ug/L	1,000	.	Not Sampled	.	.	.	.	.	.	.	.	.
1,2,4-Trimethylbenzene	ug/L	350	.	Not Sampled	.	.	.	.	.	.	.	.	.
1,3,5-Trimethylbenzene	ug/L	350	.	Not Sampled	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.015	.	Not Sampled	**16**	.	.	.	.	.	.	.	.
Xylenes	ug/L	530	.	Not Sampled	.	.	.	.	.	.	.	.	.
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	0.005	.	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2s (continued)

Parameter	Units	2L Standard	Mar-00	Nov-06	Jun-07	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	**1.9**	**1.7**	**1.8**	**1.8**	**1.6**	**1.5**	**1.9**	**1.9**	**1.2**	**1.8**
sec-butylbenzene	ug/L	70.0	.	.	.	.	2.0	.	.	.	.	.	.
Chlorobenzene	ug/L	50	**94**	7.3	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	1
Chloromethane	ug/L	3	.	1.6	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	5.0	1.8	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Dichlorodifluoromethane (freon)	ug/L	1,000	.	**1.9**	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	1.5	3.6	1.6	2.0	.	3.9	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Ethylbenzene	ug/L	600	.	.	1.2	1.4	1.0	1.7	1.5	1.7	.	.	.
Isopropylbenzene (Cumene)	ug/L	70	.	.	1.8	2.3	2.0	1.7	2.1	2.3	2.6	2.1	2.8
p-Isopropylbenzene	ug/L	No Standard	.	1.8	1.1	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Methyl-tert butyl ether	ug/L	20	.	.	1.2	1.2	.	.	1.1	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	40	.	.	.	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	6	.	3.3	4.1	5.3	6.5	3.1	1.6	6.4	2.0	.	2.1
Tetrahydrofuran	ug/L	4.6*	**54**	**110**	**180**	**190**	**110**	**17**	**11**	**160**	**150**	**91**	**89**
Toluene	ug/L	600	.	.	2.1	1.5	1.1	.	.	1.2	.	.	.
1,2,4-Trimethylbenzene	ug/L	400	.	.	3.3	3.3	.	2.4	2.0	1.7	.	.	1.2
1,3,5-Trimethylbenzene	ug/L	400	.	.	1.1	1.1	1.1	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Xylenes	ug/L	500	.	.	5.6	5.3	4.8	3.9	4.1	4.0	2.3	.	2.9
Total VOCs	**ug/L**	**--**	**153**	**129.6**	**204.7**	**216.8**	**131.9**	**33.4**	**24.9**	**183.1**	**158.8**	**94.3**	**100.8**

Metals (total)													
Arsenic	mg/l	0.01	.	.	**0.014**	0.0074	0.0067	.	**0.019**	0.0097	**0.024**	**0.015**	.
Barium	mg/l	0.7	**2.24**	0.34	0.36	0.47	0.53	0.31	0.52	0.37	**0.72**	0.41	0.39
Cadmium	mg/l	0.002	0.0033	.	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	.	0.0092	0.0088	**0.022**	**0.012**	0.0098	0.0085	0.010	**0.038**	0.010	0.0091
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	0.0088	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	0.012	.	.	.	.
Silver	mg/l	0.02	.	0.0050	.	.	.	.	0.0050	0.0054	0.0054	.	.

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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2s (continued)

Parameter	Units	2L Standard	Nov-11	May-12	Dec-12	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15
Volatile Organic Compounds										
Benzene	ug/L	1.0	**2.2**	**1.3**	**1.4**	**1.6**	**1.5**	**2.1**	**1.7**	**1.3**
sec-butylbenzene	ug/L	70.0	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.
Dichlorodifluoromethane (freon)	ug/L	1,000	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.
Ethylbenzene	ug/L	600	.	.	.	.	.	.	.	.
Isopropylbenzene (Cumene)	ug/L	70	3.0	2.7	2.4	2.1	2.9	4.5	2.7	1.4
p-Isopropylbenzene	ug/L	No Standard	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.
Methyl-tert butyl ether	ug/L	20	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	40	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	1.9	.	.	1.3	1.0	.	.	1.6
Tetrahydrofuran	ug/L	4.6*	**130**	**85**	**190**	**92**	**150**	**140**	**100**	**100**
Toluene	ug/L	600	.	.	.	.	.	.	.	.
1,2,4-Trimethylbenzene	ug/L	400	.	.	.	.	.	.	.	.
1,3,5-Trimethylbenzene	ug/L	400	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.
Xylenes	ug/L	500	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**137.1**	**89.0**	**193.8**	**97.0**	**155.4**	**146.6**	**104.4**	**104.3**
Metals (total)										
Arsenic	mg/l	0.01	0.0073	0.0082	.	.	.	.	.	.
Barium	mg/l	0.7	**0.71**	0.68	**0.82**	**0.75**	**0.80**	**0.72**	**0.82**	0.59
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	**0.014**	**0.011**	**0.014**	**0.012**	**0.013**	**0.012**	**0.011**	0.0079
Lead	mg/l	0.015	.	.	.	.	.	.	0.005	0.005
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	**0.029**	.
Silver	mg/l	0.02	.	.	0.0051	.	.	.	.	.

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. Groundwater 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**	.	.
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	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	Not Sampled	Not Sampled	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	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	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	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	.	.	.	.	.	.	.	.
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**	**--**	**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	0.005	.	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2d (continued)

Parameter	Units	2L Standard	Mar-00	Nov-06	Jun-07	Nov-08	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	**1.6**	**2.4**	**2.0**	**2.3**	**1.3**	**1.2**	.	.	.	.
Chlorobenzene	ug/L	50	**68**	.	7.8	8.8	9.4	4.6	5.8	5.5	2.5	4.5	3.5
Chloroethane	ug/L	3,000	.	4.6	.	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	10	.	1.3	1.6	1.9	.	1.2	1.4	1.0	1.2	1.2
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	1.9	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Dichlorodifluoromethane	ug/L	1,000	.	.	1.9	.	1.1	.	.	.	.	.	.
Isopropylbenzene (cumene)	ug/L	70	.	2.1	1.8	3.6	3.1	1.2	1.6	1.5	1.5	.	1.0
p-Isopropylbenzene	ug/L	No Standard	.	3.9	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	2.3	.	.	.	.	.
Methyl-tert butyl ether	ug/L	20.0	.	1.3	.	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	40	.	.	.	.	.	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	6	.	8.9	1.2	1.1	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	**51**	**180**	**170**	**110**	**130**	**13**	**11**	**120**	**51**	**62**	**55**
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
1,2,4-Trimethylbenzene	ug/L	400	.	2.5	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Xylenes (total)	ug/L	500	.	4.3	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**129**	**211.1**	**186.4**	**127.1**	**147.8**	**22.4**	**20.8**	**128.4**	**56.0**	**67.7**	**60.7**

Metals (total)													
Arsenic	mg/l	0.01	0.0108	.	0.0059	.	0.0068	0.0092	0.0076	0.0084	0.0068	.	.
Barium	mg/l	0.7	.	0.45	0.21	0.19	0.19	0.26	0.15	0.19	**2.2**	0.13	0.23
Cadmium	mg/l	0.002	0.0020	0.0016	.	.	0.0019	.	.	.	**0.024**	.	.
Chromium	mg/l	0.01	.	**0.016**	**0.017**	0.008	0.021	**0.015**	**0.012**	**0.011**	**0.2**	0.0058	**0.018**
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	**0.069**	.	.
Mercury	mg/l	0.001	.	.	.	.	.	0.00021	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	.	0.0057	.	.

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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-2d (continued)

Parameter	Units	2L Standard	Nov-11	May-12	Dec-12	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15
Volatile Organic Compounds										
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	4.4	3.1	3.5	4.2	4.8	3.7	4.7	5.3
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.
Chloromethane	ug/L	3	.	.	.	1.0	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	1.1	.	.	1.1	1.1	1.1	1.4	1.2
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.
Dichlorodifluoromethane	ug/L	1,000	.	.	.	.	.	.	.	.
Isopropylbenzene (cumene)	ug/L	70	1.2	.	.	.	.	.	.	.
p-Isopropylbenzene	ug/L	No Standard	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.
Methyl-tert butyl ether	ug/L	20.0	.	.	.	.	.	.	.	.
4-(o-cresol) Methylphenol	ug/L	40	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	**64**	**42**	**39**	**55**	**37**	**34**	**50**	**68**
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.
1,2,4-Trimethylbenzene	ug/L	400	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.
Xylenes (total)	ug/L	500	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**70.7**	**45.1**	**42.5**	**61.3**	**42.9**	**38.8**	**56.1**	**74.5**
Metals (total)										
Arsenic	mg/l	0.01	.	.	.	.	.	**0.014**	.	.
Barium	mg/l	0.7	0.065	0.20	0.27	0.45	0.42	0.57	0.27	0.27
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	.	0.0097	**0.012**	**0.017**	**0.012**	**0.031**	.	.
Lead	mg/l	0.015	.	.	.	.	.	**0.017**	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	0.012	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	.

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. Groundwater 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	0.005	.	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. Groundwater 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	Jun-07
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
bis-(2-ethylhexyl) phthalate	ug/L	3.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	2.0	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	**10**	.	.	**15**	**24**	**15**	**59**	**15**	**22**	**18**
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**	**18**

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	0.83
Cadmium	mg/l	0.005	0.0041	0.0015	0.0013	.	.	.	.	.	.	**0.0043**	**0.003**
Chromium	mg/l	0.05	.	.	.	.	.	.	0.0073	.	0.0023	0.017	0.0079
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.	0.0004
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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

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

Parameter	Units	2L Standard	Nov-07	May-08	Nov-08	May-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12	Jun-13
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	**27**	**34**	**28**	**17**	**11**	**31**	**23**	**21**	**23**	**12**	**20**
Toluene	ug/L	600	.	.	.	.	.	230	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**27**	**34**	**28**	**17**	**11**	**261**	**23**	**21**	**23**	**12**	**20**

Metals (total)													
Arsenic	mg/l	0.01	.	0.0076	0.0067	**0.012**	**0.013**	**0.015**	.	.	0.0067	.	.
Barium	mg/l	0.7	**1.1**	**0.84**	**0.82**	**1.2**	**0.75**	**0.92**	**0.84**	**0.79**	0.68	**0.90**	**0.95**
Cadmium	mg/l	0.002	.	**0.005**	.	.	.	0.0039	.	.	0.0015	.	.
Chromium	mg/l	0.01	0.0089	**0.025**	.	0.0093	0.008	**0.025**	0.0079	**0.012**	.	.	.
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	0.0002	.	.	0.0003	.	0.00033	.	.	.	.	.
Selenium	mg/l	0.02	0.013	.	0.016	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.

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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

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

Parameter	Units	2L Standard	Dec-13	Dec-14	Jun-15	Dec-15							
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.							
Chlorobenzene	ug/L	50	.	.	.	.							
Chloroethane	ug/L	3,000	.	.	.	.							
Chloromethane	ug/L	3	.	.	.	1.5							
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.							
1,3-Dichlorobenzene	ug/L	200	.	.	.	.							
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.							
1,1-Dichloloethane	ug/L	6	.	.	.	.							
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.							
Methylene Chloride	ug/L	5.0	.	.	.	.							
Naphthalene	ug/L	6	.	.	.	.							
Tetrahydrofuran	ug/L	4.6*	**14**	**23**	**22**	**23**							
Toluene	ug/L	600	.	.	.	.							
Trichlorofluoromethane	ug/L	2,000	.	.	.	.							
Vinyl Chloride	ug/L	0.03	.	.	.	.							
Total VOCs	**ug/L**	**--**	**14**	**23**	**22**	**24.5**							
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.							
Barium	mg/l	0.7	0.56	**0.96**	**0.82**	**0.80**							
Cadmium	mg/l	0.002	.	.	.	.							
Chromium	mg/l	0.01	.	0.0067	0.0060	.							
Lead	mg/l	0.015	.	.	.	.							
Mercury	mg/l	0.001	.	.	.	.							
Selenium	mg/l	0.02	.	.	0.013	.							
Silver	mg/l	0.02	.	.	.	.							

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. Groundwater 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	Jun-07
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	3.0	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	No Standard	.	.	.	5.0	3.0	3.0	1.8	.	1.0	1.2	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	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.	.
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**	**1.2**

Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	.	0.341	.	.	.	0.92	0.071	0.042	0.13	0.084
Cadmium	mg/l	0.005	0.0017	.	0.0011	.	.	.	.	.	.	0.0011	.
Chromium	mg/l	0.05	.	.	.	.	.	.	.	0.0034	0.0028	0.010	0.0067
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.0011	.	.	.	.	.	.	.	.	.	.	0.00026
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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-3D (continued)

Parameter	Units	2L Standard	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	2.9	1.4	1.1	.	1.1	.	.	.	1.1	.	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	2.7	1.7	1.3	1.3	1.3	1.1	1.2	1.4	1.1	1.1	1.1
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	**20**	**16**	.	.	**10**	**.**	**10**	**11**	**11**	.	.
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**25.6**	**19.1**	**2.4**	**1.3**	**12.4**	**1.1**	**11.2**	**12.4**	**13.2**	**1.1**	**1.1**

Metals (total)													
Arsenic	mg/l	0.01	.	.	.	0.0054	.	0.0056	.	0.0052	.	.	.
Barium	mg/l	0.7	0	0.068	0.11	0.14	0.14	0.08	0.15	0.12	0.14	0.13	0.16
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	.	0.0056	0.0072	0.0096	**0.011**	0.009	**0.014**	**0.014**	**0.017**	**0.012**	**0.015**
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.

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

WD-3D (continued)

Parameter	Units	2L Standard	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.						
Chlorobenzene	ug/L	50	.	.	.	.	.						
Chloroethane	ug/L	3,000	.	.	.	.	.						
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.						
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.						
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.						
1,1-Dichloloethane	ug/L	6	.	.	.	.	.						
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.						
Methylene Chloride	ug/L	5.0	.	.	.	.	.						
Naphthalene	ug/L	6	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.						
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.						
Vinyl Chloride	ug/L	0.03	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**						
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.						
Barium	mg/l	0.7	0.14	0.14	0.10	0.14	0.068						
Cadmium	mg/l	0.002	.	.	.	.	.						
Chromium	mg/l	0.01	**0.015**	**0.011**	**0.011**	0.0079	0.0063						
Lead	mg/l	0.015	.	.	.	.	.						
Mercury	mg/l	0.001	.	.	.	.	.						
Selenium	mg/l	0.02	.	.	.	.	.						
Silver	mg/l	0.02	.	.	.	.	.						

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. Groundwater 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	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	.	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	0.005	.	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. Groundwater 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	Jun-07
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	1.0	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	1.0	1.0	2.0	.	1.1	1.3	1.5	1.4
Chloroethane	ug/L	2,800	.	.	.	2.0	1.0	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	NA	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	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.	.
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**	**3.0**	**26**	**25**	**18**	**61.1**	**17.3**	**18.5**	**1.4**

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	0.70
Cadmium	mg/l	0.005	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

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

Parameter	Units	2L Standard	Nov-07	May-08	Nov-08	May-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12	Jun-13
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	1.5	1.2	1.4	1.3	1.5	1.5	1.9	.	1.5	1.5
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	1.0	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	**18**	**22**	**20**	**17**	**16**	**17**	**19**	**21**	.	.	**20**
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**19**	**23.5**	**21.2**	**18.4**	**17.3**	**18.5**	**20.5**	**22.9**	**0.0**	**1.5**	**21.5**

Metals (total)													
Arsenic	mg/l	0.01	.	.	.	0.0090	0.013	0.0053	.	.	.	.	.
Barium	mg/l	0.7	**0.77**	**0.78**	0.66	**0.78**	**0.95**	**0.83**	**0.75**	**0.82**	**0.72**	**0.86**	**0.81**
Cadmium	mg/l	0.002	.	.	.	.	0.0013	.	.	.	.	.	.
Chromium	mg/l	0.01	0.02	**0.016**	0.0059	.	**0.016**	0.0054	0.0061	0.0077	0.0056	0.0077	0.0068
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

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

Parameter	Units	2L Standard	Dec-13	Dec-14	Jun-15	Dec-15							
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.							
Chlorobenzene	ug/L	50	1.5	1.6	1.6	1.5							
Chloroethane	ug/L	3,000	.	.	.	.							
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.							
1,3-Dichlorobenzene	ug/L	200	.	.	.	.							
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.							
1,1-Dichloloethane	ug/L	6	.	.	.	.							
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.							
Methylene Chloride	ug/L	5.0	.	.	.	.							
Naphthalene	ug/L	6	.	.	.	.							
Tetrahydrofuran	ug/L	4.6*	**25**	**14**	**16**	**15**							
Trichlorofluoromethane	ug/L	2,000	.	.	.	.							
Vinyl Chloride	ug/L	0.03	.	.	.	.							
Total VOCs	**ug/L**	**--**	**27**	**15.6**	**17.6**	**16.5**							
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.							
Barium	mg/l	0.7	**0.82**	**0.84**	**0.79**	**0.79**							
Cadmium	mg/l	0.002	.	.	.	.							
Chromium	mg/l	0.01	0.0064	**0.011**	.	0.0072							
Lead	mg/l	0.015	.	.	.	.							
Mercury	mg/l	0.001	.	.	.	.							
Selenium	mg/l	0.02	.	.	0.018	.							
Silver	mg/l	0.02	.	.	.	.							

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. Groundwater 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	Jun-07
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.	.
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-tert-butyl ether	ug/L	200	.	.	.	.	.	.	1.0	.	.	.	.
Naphthalene	ug/L	21	.	.	.	.	.	.	.	.	.	.	.
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**	**0**
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	2.0	.	.	.	.	.	.	0.066	0.048	0.035	0.026	0.020
Cadmium	mg/l	0.005	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-4D (continued)

Parameter	Units	2L Standard	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Bromomethane	ug/L	NSE	.	.	.	.	.	.	3.1	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	1.4	.
Chloroethane	ug/L	3,000	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	1.0	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Methyl-tert-butyl ether	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	**15**	.	.	.	.	.	.	.	**17**	.
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**16**	**0**	**0**	**0**	**0**	**3.1**	**0**	**0**	**18.4**	**0**

Metals (total)													
Arsenic	mg/l	0.01	.	.	.	0.0054	.	.	.	.	.	.	.
Barium	mg/l	0.7	0.046	0.038	0.031	0.042	0.041	0.037	0.038	0.033	0.057	0.029	0.032
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.01	.	.	.	.	.	.	.	.	.	.	.
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.

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

WD-4D (continued)

Parameter	Units	2L Standard	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.						
Bromomethane	ug/L	NSE	.	.	.	.	.						
Chlorobenzene	ug/L	50	.	.	.	.	.						
Chloroethane	ug/L	3,000	.	.	.	.	.						
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.						
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.						
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.						
1,1-Dichloloethane	ug/L	6	.	.	.	.	.						
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.						
Methylene Chloride	ug/L	5.0	.	.	.	.	.						
Methyl-tert-butyl ether	ug/L	20	.	.	.	.	.						
Naphthalene	ug/L	6	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.						
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.						
Vinyl Chloride	ug/L	0.03	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.						
Barium	mg/l	0.7	0.035	0.031	0.030	0.029	0.025						
Cadmium	mg/l	0.002	.	.	.	.	.						
Chromium	mg/l	0.01	.	.	.	.	.						
Lead	mg/l	0.015	.	.	.	.	.						
Mercury	mg/l	0.001	.	.	.	.	.						
Selenium	mg/l	0.02	.	.	.	.	.						
Silver	mg/l	0.02	.	.	.	.	.						

NSE- No Standard Exists
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. Groundwater 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	3,000	.	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	0.01	.	Not Sampled	NA	.	.	.	.	.	.	.	.
Barium	mg/l	0.7	0.460	Not Sampled	0.490	0.128	NA	.	0.300	0.056	0.191	1.0	1.1
Cadmium	mg/l	0.002	.	Not Sampled	NA	0.036	NA	.	.	.	0.002	.	.
Chromium	mg/l	0.01	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	0.001	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Selenium	mg/l	0.02	.	Not Sampled	NA	.	NA	.	.	.	.	.	.
Silver	mg/l	0.02	.	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. Groundwater 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	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	NA	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	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	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	21	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	0.005	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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-7 (continued)

Parameter	Units	2L Standard	Nov-06	Jun-07	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.	.	.	.	.
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.	.	.	.	.
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.	.	.	.	.
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.	.	.	.	.
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.	.	.	.	.
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.	.	.	.	.
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.	.	.	.	.
Naphthalene	ug/L	6	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.	.	.	.	.	.	.
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.	.	.	.	.
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	0.7	0.14	0.12	0.29	0.33	0.20	0.22	0.36	0.23	0.24	0.15	**0.92**
Cadmium	mg/l	0.002	.	.	.	0.0012	.	.	.	.	.	.	.
Chromium	mg/l	0.01	**0.056**	0.043	**0.21**	**0.25**	**0.075**	**0.13**	**0.17**	**0.15**	**0.14**	**0.092**	**0.57**
Lead	mg/l	0.015	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.001	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	0.014
Silver	mg/l	0.02	.	.	.	.	.	.	.	.	.	.	.

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. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-7 (continued)

Parameter	Units	2L Standard	May-12	Dec-12	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15				
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.	.	.				
Chlorobenzene	ug/L	50	.	.	.	.	.	.	.				
Chloroethane	ug/L	2,800	.	.	.	.	.	.	.				
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.	.	.				
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.	.	.				
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.	.	.				
1,1-Dichloloethane	ug/L	6	.	.	.	.	.	.	.				
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.	.	.				
Methylene Chloride	ug/L	5.0	.	.	.	.	.	.	.				
Naphthalene	ug/L	6	.	.	.	.	.	.	.				
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.	.	.				
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.	.	.				
Vinyl Chloride	ug/L	0.03	.	.	.	.	.	.	.				
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**	**0**	**0**				
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.	.	.				
Barium	mg/l	0.7	0.42	0.61	0.56	0.58	0.86	0.29	0.16				
Cadmium	mg/l	0.002	0.0013	.	.	.	.	.	.				
Chromium	mg/l	0.01	**0.23**	**0.22**	**0.37**	**0.21**	**0.57**	**0.072**	**0.020**				
Lead	mg/l	0.015	.	.	.	.	0.013	.	.				
Mercury	mg/l	0.001	.	.	.	.	.	.	.				
Selenium	mg/l	0.02	.	.	.	.	.	.	.				
Silver	mg/l	0.02	.	.	.	.	.	.	.				

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 1. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-8

Parameter	Units	2L Standard	Oct-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.						
Chlorobenzene	ug/L	50	.	.	.	.	.						
Chloroethane	ug/L	2,800	.	.	.	.	.						
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.						
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.						
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.						
1,1-Dichloloethane	ug/L	6	.	.	.	.	.						
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.						
Methylene Chloride	ug/L	5.0	.	.	.	.	.						
Naphthalene	ug/L	6	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.6*	.	.	.	.	.						
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.						
Vinyl Chloride	ug/L	0.03	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.01	**0.023**	.	.	.	.						
Barium	mg/l	0.7	**1.4**	**2.0**	**1.8**	0.37	**0.84**						
Cadmium	mg/l	0.002	**0.0033**	**0.0043**	.	**0.0067**	.						
Chromium	mg/l	0.01	**0.45**	**0.55**	**0.46**	**0.012**	**0.013**						
Lead	mg/l	0.015	**0.036**	**0.036**	**0.035**	0.0073	.						
Mercury	mg/l	0.001	.	.	.	.	0.00029						
Selenium	mg/l	0.02	.	.	.	.	.						
Silver	mg/l	0.02	.	.									

** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.

Table 1. Groundwater Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

WD-9

Parameter	Units	2L Standard	Oct-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Benzene	ug/L	1.0	.	.	.	.	.						
Chlorobenzene	ug/L	50	.	.	1.4	.	.						
Chloroethane	ug/L	2,800	.	.	.	.	.						
1,2-Dichlorobenzene (o-Dichloro)	ug/L	20	.	.	.	.	.						
1,3-Dichlorobenzene	ug/L	200	.	.	.	.	.						
1,4-Dichlorobenzene (p-Dichloro)	ug/L	6	.	.	.	.	.						
1,1-Dichloloethane	ug/L	6	.	.	.	.	.						
cis-1,2-Dichloroethene	ug/L	70	.	.	.	.	.						
Methylene Chloride	ug/L	5.0	.	.	.	.	.						
Naphthalene	ug/L	6	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.6*	.	.	**19**	.	.						
Trichlorofluoromethane	ug/L	2,000	.	.	.	.	.						
Vinyl Chloride	ug/L	0.03	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**20.4**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.01	.	.	.	.	.						
Barium	mg/l	0.7	**0.74**	0.38	0.41	**1.0**	0.26						
Cadmium	mg/l	0.002	**0.011**	**0.0032**	**0.0033**	.	**0.0028**						
Chromium	mg/l	0.01	**0.03**	**0.016**	**0.015**	**0.028**	0.0066						
Lead	mg/l	0.015	.	.	0.007	0.0086	.						
Mercury	mg/l	0.001	.	.	.	.	.						
Selenium	mg/l	0.02	.	.	.	.	.						
Silver	mg/l	0.02	.	.	.	.	.						

** - Recommended Interim Maxium Allowable Concentration (IMAC)*
Blank cells indicate compound not detected at the method detection limit.

Table 3. Surface 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	Jun-07
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**	**0**
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	dry	.	.	.	.	.	.
Barium	mg/l	1.0	.	.	.	.	dry	.	0.083	0.077	0.042	0.180	0.11
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	.	.	.	.	.	.

SW-1 (upstream cont.)

Parameter	Units	2B Standard	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12
Volatile Organic Compounds													
Chlorobenzene	ug/L	488	.	.	.	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.4903*	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	1.0	0.11	0.12	0.085	0.099	0.15	0.079	0.073	0.054	0.086	0.28	0.060
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	.	.	0.0075	.	.	.	.
Lead	mg/l	0.025	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.000012	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.005	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.00006	.	.	.	.	.	.	.	.	.	.	.

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

SW-1 (upstream cont.)

Parameter	Units	2B Standard	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Chlorobenzene	ug/L	488	.	.	.	.	.						
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.4903*	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**0**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.						
Barium	mg/l	1.0	0.11	0.14	0.059	0.1	0.15						
Cadmium	mg/l	0.002	.	.	.	.	.						
Chromium	mg/l	0.05	.	.	.	.	.						
Lead	mg/l	0.025	.	.	.	.	.						
Mercury	mg/l	0.000012	.	.	.	.	.						
Selenium	mg/l	0.005	.	.	.	.	.						
Silver	mg/l	0.00006	.	.	.	.	.						

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. Surface Water Laboratory Analytical Results, Wiley Davis Landfill, Greensboro, North Carolina

SW-2 (downgradient)

Parameter	Units	2B Standard	Mar-00	Sep-00	May-01	Dec-01	Jul-02	Jan-03	May-05	Mar-06	May-06	Nov-06	Jun-07
Volatile Organic Compounds													
Chlorobenzene	ug/L	488	.	.	.	1.0	dry	2.0	.	.	.	.	1.3
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**	**1.3**
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	0.30
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**	.	.	.	.

SW-2 (downgradient cont.)

Parameter	Units	2B Standard	Nov-07	May-08	Nov-08	May-09	Nov-09	Jun-10	Nov-10	May-11	Nov-11	May-12	Dec-12
Volatile Organic Compounds													
Chlorobenzene	ug/L	488	.	.	1.1	.	.	.	.	.	.	.	.
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.	.	.	.	.	.	.
Tetrahydrofuran	ug/L	4.4903*	.	.	.	.	.	.	.	.	.	.	.
Total VOCs	**ug/L**	**--**	**0**	**0**	**1.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.	.	.	.	.	.	.
Barium	mg/l	1.0	0.10	0.12	0.15	0.12	0.16	0.11	0.095	0.096	0.18	0.079	0.12
Cadmium	mg/l	0.002	.	.	.	.	.	.	.	.	.	.	.
Chromium	mg/l	0.05	.	.	.	.	.	.	.	.	.	.	.
Lead	mg/l	0.025	.	.	.	.	.	.	.	.	.	.	.
Mercury	mg/l	0.000012	.	.	.	.	.	.	.	.	.	.	.
Selenium	mg/l	0.005	.	.	.	.	.	.	.	.	.	.	.
Silver	mg/l	0.00006	.	.	.	.	.	.	.	.	.	.	.

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

SW-2 (downgradient cont.)

Parameter	Units	2B Standard	Jun-13	Dec-13	Dec-14	Jun-15	Dec-15						
Volatile Organic Compounds													
Chlorobenzene	ug/L	488	.	.	1.0	.	.						
Chlorofluoromethane	ug/L	No Standard	.	.	.	.	.						
Tetrahydrofuran	ug/L	4.4903*	.	.	.	.	.						
Total VOCs	**ug/L**	**--**	**0**	**0**	**1**	**0**	**0**						
Metals (total)													
Arsenic	mg/l	0.05	.	.	.	.	.						
Barium	mg/l	1.0	0.16	0.099	0.15	0.11	0.13						
Cadmium	mg/l	0.002	.	.	.	.	.						
Chromium	mg/l	0.05	.	.	.	.	.						
Lead	mg/l	0.025	.	.	.	.	.						
Mercury	mg/l	0.000012	.	.	.	.	.						
Selenium	mg/l	0.005	.	.	.	.	.						
Silver	mg/l	0.00006	.	.	.	.	.						

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

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

January 14, 2016

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

RE: Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Dear Mr. Rahn:
Enclosed are the analytical results for sample(s) received by the laboratory on January 04, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Brittany L. Gibson

Brittany Gibson
brittany.gibson@pacelabs.com
Project Coordinator

Enclosures

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CERTIFICATIONS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92281698001	**WD-1**	Water	12/31/15 16:30	01/04/16 15:40
92281698002	**WD-2**	Water	12/31/15 14:45	01/04/16 15:40
92281698003	**WD-2d**	Water	12/31/15 14:30	01/04/16 15:40
92281698004	**WD-3**	Water	12/31/15 13:30	01/04/16 15:40
92281698005	**WD-3d**	Water	12/31/15 13:00	01/04/16 15:40
92281698006	**WD-4**	Water	12/31/15 11:30	01/04/16 15:40
92281698007	**WD-4d**	Water	12/31/15 11:15	01/04/16 15:40
92281698008	**WD-7**	Water	12/31/15 10:45	01/04/16 15:40
92281698009	**WD-8**	Water	12/31/15 15:30	01/04/16 15:40
92281698010	**WD-9**	Water	12/31/15 16:00	01/04/16 15:40
92281698012	**UPGRADIENT**	Water	12/31/15 12:00	01/04/16 15:40
92281698013	**SS- DOWNGRADIENT**	Water	12/31/15 15:00	01/04/16 15:40

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SAMPLE ANALYTE COUNT

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92281698001	**WD-1**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698002	**WD-2**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698003	**WD-2d**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698004	**WD-3**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698005	**WD-3d**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698006	**WD-4**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698007	**WD-4d**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698008	**WD-7**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698009	**WD-8**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698010	**WD-9**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698012	**UPGRADIENT**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C
92281698013	**SS- DOWNGRADIENT**	EPA 6010	CDF	7	PASI-A
		EPA 7470	SH1	1	PASI-A
		EPA 8260	NB	65	PASI-C

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-1 **Lab ID: 92281698001** Collected: 12/31/15 16:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:28	7440-38-2	
Barium	**0.52**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:28	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:28	7440-43-9	
Chromium	**0.014**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:28	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:28	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:28	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:28	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:35	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 16:00	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:00	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 16:00	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 16:00	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 16:00	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 16:00	74-83-9	M1
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 16:00	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 16:00	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 16:00	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 16:00	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 16:00	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 16:00	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 16:00	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 16:00	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:00	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:00	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 16:00	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:00	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:00	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 16:00	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:00	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:00	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 16:00	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 16:00	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 16:00	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 16:00	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 16:00	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:00	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 16:00	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 16:00	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 16:00	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:00	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 16:00	108-20-3	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-1 **Lab ID: 92281698001** Collected: 12/31/15 16:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:00	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 16:00	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 16:00	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:00	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 16:00	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 16:00	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 16:00	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 16:00	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 16:00	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 16:00	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 16:00	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:00	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:00	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:00	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 16:00	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 16:00	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 16:00	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 16:00	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 16:00	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:00	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 16:00	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 16:00	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 16:00	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 16:00	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 16:00	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 16:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	70-130		1		01/06/16 16:00	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		01/06/16 16:00	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		01/06/16 16:00	2037-26-5	

Sample: WD-2 **Lab ID: 92281698002** Collected: 12/31/15 14:45 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:31	7440-38-2	
Barium	**0.59**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:31	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:31	7440-43-9	
Chromium	**0.0079**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:31	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:31	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:31	7782-49-2	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-2 **Lab ID: 92281698002** Collected: 12/31/15 14:45 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:31	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:37	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**0.0013**	mg/L	0.0010	0.00025	1		01/06/16 16:17	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:17	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 16:17	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 16:17	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 16:17	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 16:17	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 16:17	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 16:17	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 16:17	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 16:17	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 16:17	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 16:17	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 16:17	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 16:17	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:17	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:17	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 16:17	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:17	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:17	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 16:17	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:17	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:17	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 16:17	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 16:17	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 16:17	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 16:17	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:17	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 16:17	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 16:17	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 16:17	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:17	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 16:17	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:17	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 16:17	87-68-3	
Isopropylbenzene (Cumene)	**0.0014**	mg/L	0.0010	0.00040	1		01/06/16 16:17	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:17	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 16:17	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 16:17	1634-04-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-2 **Lab ID: 92281698002** Collected: 12/31/15 14:45 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	**0.0016**	mg/L	0.0010	0.00024	1		01/06/16 16:17	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 16:17	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 16:17	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 16:17	127-18-4	
Tetrahydrofuran	**0.10**	mg/L	0.010	0.0031	1		01/06/16 16:17	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:17	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:17	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:17	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 16:17	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 16:17	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 16:17	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 16:17	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 16:17	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:17	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 16:17	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 16:17	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 16:17	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 16:17	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 16:17	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 16:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		01/06/16 16:17	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 16:17	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/06/16 16:17	2037-26-5	

Sample: WD-2d **Lab ID: 92281698003** Collected: 12/31/15 14:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:34	7440-38-2	
Barium	**0.27**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:34	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:34	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:34	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:34	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:39	7439-97-6	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-2d **Lab ID: 92281698003** Collected: 12/31/15 14:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 16:51	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:51	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 16:51	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 16:51	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 16:51	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 16:51	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 16:51	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 16:51	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 16:51	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 16:51	56-23-5	
Chlorobenzene	**0.0053**	mg/L	0.0010	0.00023	1		01/06/16 16:51	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 16:51	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 16:51	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 16:51	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:51	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:51	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 16:51	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:51	74-95-3	
1,2-Dichlorobenzene	**0.0012**	mg/L	0.0010	0.00030	1		01/06/16 16:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 16:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:51	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 16:51	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 16:51	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 16:51	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 16:51	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 16:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 16:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:51	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 16:51	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 16:51	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 16:51	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 16:51	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 16:51	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 16:51	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 16:51	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 16:51	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:51	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 16:51	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 16:51	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 16:51	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 16:51	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 16:51	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 16:51	127-18-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-2d **Lab ID: 92281698003** Collected: 12/31/15 14:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrahydrofuran	**0.068**	mg/L	0.010	0.0031	1		01/06/16 16:51	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 16:51	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 16:51	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 16:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 16:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 16:51	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 16:51	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 16:51	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 16:51	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 16:51	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 16:51	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 16:51	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 16:51	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 16:51	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 16:51	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 16:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-130		1		01/06/16 16:51	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 16:51	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		01/06/16 16:51	2037-26-5	

Sample: WD-3 **Lab ID: 92281698004** Collected: 12/31/15 13:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:38	7440-38-2	
Barium	**0.80**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:38	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:38	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:38	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:38	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:38	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:42	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 17:08	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:08	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 17:08	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 17:08	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 17:08	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 17:08	74-83-9	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-3 **Lab ID: 92281698004** Collected: 12/31/15 13:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 17:08	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 17:08	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 17:08	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 17:08	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:08	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 17:08	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 17:08	67-66-3	
Chloromethane	**0.0015**	mg/L	0.0010	0.00011	1		01/06/16 17:08	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:08	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:08	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 17:08	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:08	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:08	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 17:08	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 17:08	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 17:08	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 17:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 17:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:08	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 17:08	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 17:08	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 17:08	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:08	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 17:08	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:08	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 17:08	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 17:08	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:08	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 17:08	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 17:08	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:08	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 17:08	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 17:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 17:08	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 17:08	127-18-4	
Tetrahydrofuran	**0.023**	mg/L	0.010	0.0031	1		01/06/16 17:08	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 17:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 17:08	79-00-5	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-3 **Lab ID: 92281698004** Collected: 12/31/15 13:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 17:08	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 17:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 17:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 17:08	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 17:08	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 17:08	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 17:08	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 17:08	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	70-130		1		01/06/16 17:08	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 17:08	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/06/16 17:08	2037-26-5	

Sample: WD-3d **Lab ID: 92281698005** Collected: 12/31/15 13:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:41	7440-38-2	
Barium	**0.068**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:41	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:41	7440-43-9	
Chromium	**0.0063**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:41	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:41	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:41	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:44	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 17:25	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:25	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 17:25	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 17:25	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 17:25	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 17:25	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 17:25	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 17:25	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 17:25	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 17:25	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:25	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 17:25	75-00-3	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-3d **Lab ID: 92281698005** Collected: 12/31/15 13:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 17:25	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 17:25	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:25	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:25	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 17:25	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:25	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:25	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 17:25	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 17:25	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 17:25	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:25	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 17:25	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 17:25	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 17:25	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:25	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 17:25	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:25	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 17:25	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 17:25	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:25	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 17:25	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 17:25	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:25	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 17:25	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 17:25	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 17:25	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 17:25	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 17:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 17:25	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 17:25	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 17:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 17:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 17:25	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 17:25	108-05-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-3d **Lab ID: 92281698005** Collected: 12/31/15 13:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 17:25	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 17:25	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 17:25	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	113	%	70-130		1		01/06/16 17:25	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 17:25	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/06/16 17:25	2037-26-5	

Sample: WD-4 **Lab ID: 92281698006** Collected: 12/31/15 11:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:53	7440-38-2	
Barium	**0.79**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:53	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:53	7440-43-9	
Chromium	**0.0072**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:53	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:53	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:53	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:53	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 18:00	01/11/16 16:46	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 17:42	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:42	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 17:42	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 17:42	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 17:42	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 17:42	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 17:42	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 17:42	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 17:42	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 17:42	56-23-5	
Chlorobenzene	**0.0015**	mg/L	0.0010	0.00023	1		01/06/16 17:42	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 17:42	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 17:42	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 17:42	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:42	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:42	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 17:42	106-93-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-4 **Lab ID: 92281698006** Collected: 12/31/15 11:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:42	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:42	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:42	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:42	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:42	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 17:42	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 17:42	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 17:42	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 17:42	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 17:42	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:42	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 17:42	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 17:42	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 17:42	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:42	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 17:42	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:42	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 17:42	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 17:42	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:42	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 17:42	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 17:42	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:42	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 17:42	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 17:42	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 17:42	127-18-4	
Tetrahydrofuran	**0.015**	mg/L	0.010	0.0031	1		01/06/16 17:42	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:42	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:42	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:42	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 17:42	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 17:42	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 17:42	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 17:42	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 17:42	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:42	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 17:42	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 17:42	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 17:42	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 17:42	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 17:42	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		01/06/16 17:42	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-4 **Lab ID: 92281698006** Collected: 12/31/15 11:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		01/06/16 17:42	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		01/06/16 17:42	2037-26-5	

Sample: WD-4d **Lab ID: 92281698007** Collected: 12/31/15 11:15 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:57	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:57	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 18:57	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:57	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:57	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 18:57	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 18:57	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:15	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 17:59	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:59	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 17:59	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 17:59	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 17:59	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 17:59	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 17:59	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 17:59	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 17:59	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 17:59	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:59	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 17:59	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 17:59	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 17:59	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:59	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:59	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 17:59	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:59	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:59	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:59	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:59	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 17:59	75-71-8	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-4d **Lab ID: 92281698007** Collected: 12/31/15 11:15 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 17:59	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 17:59	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 17:59	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 17:59	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 17:59	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:59	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 17:59	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 17:59	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 17:59	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 17:59	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 17:59	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 17:59	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 17:59	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 17:59	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:59	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 17:59	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 17:59	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 17:59	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 17:59	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 17:59	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 17:59	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 17:59	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 17:59	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 17:59	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 17:59	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 17:59	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 17:59	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 17:59	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 17:59	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 17:59	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 17:59	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 17:59	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 17:59	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 17:59	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 17:59	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 17:59	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 17:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	70-130		1		01/06/16 17:59	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		01/06/16 17:59	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		01/06/16 17:59	2037-26-5	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-7 **Lab ID: 92281698008** Collected: 12/31/15 10:45 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:00	7440-38-2	
Barium	**0.16**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:00	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 19:00	7440-43-9	
Chromium	**0.020**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:00	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:00	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:00	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:00	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:22	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 18:16	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:16	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 18:16	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 18:16	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 18:16	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 18:16	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 18:16	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 18:16	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 18:16	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 18:16	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:16	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 18:16	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 18:16	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 18:16	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:16	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:16	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 18:16	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:16	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:16	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:16	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:16	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:16	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 18:16	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 18:16	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 18:16	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 18:16	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 18:16	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:16	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 18:16	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 18:16	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 18:16	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:16	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 18:16	108-20-3	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-7 **Lab ID: 92281698008** Collected: 12/31/15 10:45 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:16	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 18:16	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 18:16	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:16	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 18:16	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 18:16	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:16	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 18:16	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 18:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 18:16	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 18:16	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 18:16	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:16	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:16	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:16	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 18:16	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 18:16	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 18:16	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 18:16	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 18:16	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:16	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 18:16	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 18:16	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 18:16	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 18:16	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 18:16	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/06/16 18:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		01/06/16 18:16	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/06/16 18:16	2037-26-5	

Sample: WD-8 **Lab ID: 92281698009** Collected: 12/31/15 15:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:03	7440-38-2	
Barium	**0.84**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:03	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 19:03	7440-43-9	
Chromium	**0.013**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:03	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:03	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:03	7782-49-2	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-8 **Lab ID: 92281698009** Collected: 12/31/15 15:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:03	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.00029**	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:24	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 18:34	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:34	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 18:34	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 18:34	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 18:34	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 18:34	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 18:34	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 18:34	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 18:34	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 18:34	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:34	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 18:34	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 18:34	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 18:34	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:34	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:34	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 18:34	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:34	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:34	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:34	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:34	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:34	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 18:34	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 18:34	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 18:34	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 18:34	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 18:34	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:34	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 18:34	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 18:34	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 18:34	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:34	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 18:34	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:34	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 18:34	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 18:34	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:34	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 18:34	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 18:34	1634-04-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-8 **Lab ID: 92281698009** Collected: 12/31/15 15:30 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:34	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 18:34	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 18:34	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 18:34	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 18:34	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:34	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:34	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:34	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 18:34	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 18:34	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 18:34	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 18:34	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 18:34	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:34	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 18:34	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 18:34	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 18:34	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 18:34	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 18:34	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-130		1		01/06/16 18:34	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 18:34	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		01/06/16 18:34	2037-26-5	

Sample: WD-9 **Lab ID: 92281698010** Collected: 12/31/15 16:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:06	7440-38-2	
Barium	**0.26**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:06	7440-39-3	
Cadmium	**0.0028**	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 19:06	7440-43-9	
Chromium	**0.0066**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:06	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:06	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:06	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:06	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:27	7439-97-6	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-9 **Lab ID: 92281698010** Collected: 12/31/15 16:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 18:51	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:51	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 18:51	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 18:51	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 18:51	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 18:51	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 18:51	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 18:51	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 18:51	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 18:51	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:51	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 18:51	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 18:51	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 18:51	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:51	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:51	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 18:51	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:51	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:51	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:51	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:51	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 18:51	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 18:51	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 18:51	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 18:51	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:51	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 18:51	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 18:51	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 18:51	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 18:51	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 18:51	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 18:51	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 18:51	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:51	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 18:51	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 18:51	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 18:51	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 18:51	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 18:51	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 18:51	127-18-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: WD-9 **Lab ID: 92281698010** Collected: 12/31/15 16:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 18:51	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 18:51	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 18:51	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 18:51	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 18:51	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 18:51	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 18:51	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 18:51	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 18:51	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 18:51	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 18:51	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 18:51	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 18:51	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 18:51	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 18:51	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 18:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	70-130		1		01/06/16 18:51	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		01/06/16 18:51	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		01/06/16 18:51	2037-26-5	

Sample: UPGRADIENT **Lab ID: 92281698012** Collected: 12/31/15 12:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:09	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:09	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 19:09	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:09	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:09	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:09	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:09	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:29	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 19:08	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:08	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 19:08	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 19:08	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 19:08	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 19:08	74-83-9	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: UPGRADIENT **Lab ID: 92281698012** Collected: 12/31/15 12:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 19:08	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 19:08	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 19:08	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 19:08	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 19:08	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 19:08	75-00-3	
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 19:08	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 19:08	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 19:08	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:08	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 19:08	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:08	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:08	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 19:08	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 19:08	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:08	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 19:08	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 19:08	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 19:08	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 19:08	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 19:08	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 19:08	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 19:08	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 19:08	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 19:08	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 19:08	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 19:08	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:08	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 19:08	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 19:08	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:08	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 19:08	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 19:08	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 19:08	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 19:08	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 19:08	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 19:08	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 19:08	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 19:08	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 19:08	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 19:08	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 19:08	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 19:08	79-00-5	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: UPGRADIENT **Lab ID: 92281698012** Collected: 12/31/15 12:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 19:08	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 19:08	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 19:08	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:08	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 19:08	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 19:08	108-05-4	
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 19:08	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 19:08	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 19:08	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 19:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		01/06/16 19:08	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		01/06/16 19:08	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		01/06/16 19:08	2037-26-5	

Sample: SS- DOWNGRADIENT **Lab ID: 92281698013** Collected: 12/31/15 15:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010A								
Arsenic	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:12	7440-38-2	
Barium	**0.13**	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:12	7440-39-3	
Cadmium	ND	mg/L	0.0010	0.00050	1	01/06/16 13:55	01/07/16 19:12	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:12	7440-47-3	
Lead	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:12	7439-92-1	
Selenium	ND	mg/L	0.010	0.0050	1	01/06/16 13:55	01/07/16 19:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.0025	1	01/06/16 13:55	01/07/16 19:12	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	mg/L	0.00020	0.00010	1	01/08/16 21:30	01/14/16 11:31	7439-97-6	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	mg/L	0.0010	0.00025	1		01/06/16 19:25	71-43-2	
Bromobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:25	108-86-1	
Bromochloromethane	ND	mg/L	0.0010	0.00017	1		01/06/16 19:25	74-97-5	
Bromodichloromethane	ND	mg/L	0.0010	0.00018	1		01/06/16 19:25	75-27-4	
Bromoform	ND	mg/L	0.0010	0.00026	1		01/06/16 19:25	75-25-2	
Bromomethane	ND	mg/L	0.0020	0.00029	1		01/06/16 19:25	74-83-9	
n-Butylbenzene	ND	mg/L	0.0010	0.00041	1		01/06/16 19:25	104-51-8	
sec-Butylbenzene	ND	mg/L	0.0010	0.00038	1		01/06/16 19:25	135-98-8	
tert-Butylbenzene	ND	mg/L	0.0010	0.00040	1		01/06/16 19:25	98-06-6	
Carbon tetrachloride	ND	mg/L	0.0010	0.00025	1		01/06/16 19:25	56-23-5	
Chlorobenzene	ND	mg/L	0.0010	0.00023	1		01/06/16 19:25	108-90-7	
Chloroethane	ND	mg/L	0.0010	0.00054	1		01/06/16 19:25	75-00-3	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: SS- DOWNGRADIENT **Lab ID: 92281698013** Collected: 12/31/15 15:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Chloroform	ND	mg/L	0.0010	0.00014	1		01/06/16 19:25	67-66-3	
Chloromethane	ND	mg/L	0.0010	0.00011	1		01/06/16 19:25	74-87-3	
2-Chlorotoluene	ND	mg/L	0.0010	0.00035	1		01/06/16 19:25	95-49-8	
4-Chlorotoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:25	106-43-4	
Dibromochloromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/L	0.0010	0.00027	1		01/06/16 19:25	106-93-4	
Dibromomethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:25	74-95-3	
1,2-Dichlorobenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:25	95-50-1	
1,3-Dichlorobenzene	ND	mg/L	0.0010	0.00024	1		01/06/16 19:25	541-73-1	
1,4-Dichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 19:25	106-46-7	
Dichlorodifluoromethane	ND	mg/L	0.0010	0.00021	1		01/06/16 19:25	75-71-8	
1,1-Dichloroethane	ND	mg/L	0.0010	0.00032	1		01/06/16 19:25	75-34-3	
1,2-Dichloroethane	ND	mg/L	0.0010	0.00024	1		01/06/16 19:25	107-06-2	
1,2-Dichloroethene (Total)	ND	mg/L	0.0010	0.00049	1		01/06/16 19:25	540-59-0	
1,1-Dichloroethene	ND	mg/L	0.0010	0.00056	1		01/06/16 19:25	75-35-4	
cis-1,2-Dichloroethene	ND	mg/L	0.0010	0.00019	1		01/06/16 19:25	156-59-2	
trans-1,2-Dichloroethene	ND	mg/L	0.0010	0.00049	1		01/06/16 19:25	156-60-5	
1,2-Dichloropropane	ND	mg/L	0.0010	0.00027	1		01/06/16 19:25	78-87-5	
1,3-Dichloropropane	ND	mg/L	0.0010	0.00028	1		01/06/16 19:25	142-28-9	
2,2-Dichloropropane	ND	mg/L	0.0010	0.00013	1		01/06/16 19:25	594-20-7	
1,1-Dichloropropene	ND	mg/L	0.0010	0.00049	1		01/06/16 19:25	563-58-6	
Diisopropyl ether	ND	mg/L	0.0010	0.00012	1		01/06/16 19:25	108-20-3	
Ethylbenzene	ND	mg/L	0.0010	0.00030	1		01/06/16 19:25	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/L	0.0010	0.00071	1		01/06/16 19:25	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/L	0.0010	0.00040	1		01/06/16 19:25	98-82-8	
p-Isopropyltoluene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:25	99-87-6	
Methylene Chloride	ND	mg/L	0.0020	0.00097	1		01/06/16 19:25	75-09-2	
Methyl-tert-butyl ether	ND	mg/L	0.0010	0.00021	1		01/06/16 19:25	1634-04-4	
Naphthalene	ND	mg/L	0.0010	0.00024	1		01/06/16 19:25	91-20-3	
n-Propylbenzene	ND	mg/L	0.0010	0.00042	1		01/06/16 19:25	103-65-1	
Styrene	ND	mg/L	0.0010	0.00026	1		01/06/16 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/L	0.0010	0.00033	1		01/06/16 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/L	0.0010	0.00040	1		01/06/16 19:25	79-34-5	
Tetrachloroethene	ND	mg/L	0.0010	0.00046	1		01/06/16 19:25	127-18-4	
Tetrahydrofuran	ND	mg/L	0.010	0.0031	1		01/06/16 19:25	109-99-9	
Toluene	ND	mg/L	0.0010	0.00026	1		01/06/16 19:25	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/L	0.0010	0.00033	1		01/06/16 19:25	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/L	0.0010	0.00035	1		01/06/16 19:25	120-82-1	
1,1,1-Trichloroethane	ND	mg/L	0.0010	0.00048	1		01/06/16 19:25	71-55-6	
1,1,2-Trichloroethane	ND	mg/L	0.0010	0.00029	1		01/06/16 19:25	79-00-5	
Trichloroethene	ND	mg/L	0.0010	0.00047	1		01/06/16 19:25	79-01-6	
Trichlorofluoromethane	ND	mg/L	0.0010	0.00020	1		01/06/16 19:25	75-69-4	
1,2,3-Trichloropropane	ND	mg/L	0.0010	0.00041	1		01/06/16 19:25	96-18-4	
1,2,4-Trimethylbenzene	ND	mg/L	0.0010	0.00031	1		01/06/16 19:25	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/L	0.0010	0.00036	1		01/06/16 19:25	108-67-8	
Vinyl acetate	ND	mg/L	0.0020	0.00035	1		01/06/16 19:25	108-05-4	

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ANALYTICAL RESULTS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Sample: SS- DOWNGRADIENT **Lab ID: 92281698013** Collected: 12/31/15 15:00 Received: 01/04/16 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Vinyl chloride	ND	mg/L	0.0010	0.00062	1		01/06/16 19:25	75-01-4	
Xylene (Total)	ND	mg/L	0.0020	0.00066	1		01/06/16 19:25	1330-20-7	
m&p-Xylene	ND	mg/L	0.0020	0.00066	1		01/06/16 19:25	179601-23-1	
o-Xylene	ND	mg/L	0.0010	0.00023	1		01/06/16 19:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		01/06/16 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		01/06/16 19:25	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/06/16 19:25	2037-26-5	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

QC Batch: MERP/8849 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006

METHOD BLANK: 1643385 Matrix: Water
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00010	01/11/16 15:40	

LABORATORY CONTROL SAMPLE: 1643386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.0025	0.0025	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1643387 1643388

Parameter	Units	92281799001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.0025	.0025	0.0025	0.0024	97	94	75-125	3	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

QC Batch: MERP/8850 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

METHOD BLANK: 1643395 Matrix: Water
Associated Lab Samples: 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00010	01/14/16 11:10	

LABORATORY CONTROL SAMPLE: 1643396

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	.0025	0.0026	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1643397 1643398

Parameter	Units	92281698007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	.0025	.0025	0.0024	0.0024	92	93	75-125	1	25	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

QC Batch: MPRP/20425 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010A — Analysis Description: 6010 MET
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006, 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

METHOD BLANK: 1641736 — Matrix: Water
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006, 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.010	0.0050	01/07/16 17:54	
Barium	mg/L	ND	0.0050	0.0025	01/07/16 17:54	
Cadmium	mg/L	ND	0.0010	0.00050	01/07/16 17:54	
Chromium	mg/L	ND	0.0050	0.0025	01/07/16 17:54	
Lead	mg/L	ND	0.0050	0.0025	01/07/16 17:54	
Selenium	mg/L	ND	0.010	0.0050	01/07/16 17:54	
Silver	mg/L	ND	0.0050	0.0025	01/07/16 17:54	

LABORATORY CONTROL SAMPLE: 1641737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	.5	0.47	95	80-120	
Barium	mg/L	.5	0.51	102	80-120	
Cadmium	mg/L	.5	0.50	99	80-120	
Chromium	mg/L	.5	0.50	100	80-120	
Lead	mg/L	.5	0.49	97	80-120	
Selenium	mg/L	.5	0.48	96	80-120	
Silver	mg/L	.25	0.24	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1641738 1641739

Parameter	Units	92281716001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	.5	.5	0.44	0.44	88	89	75-125	0	20	
Barium	mg/L	ND	.5	.5	0.46	0.45	92	90	75-125	2	20	
Cadmium	mg/L	ND	.5	.5	0.46	0.45	91	89	75-125	2	20	
Chromium	mg/L	17.9 ug/L	.5	.5	0.47	0.46	90	88	75-125	2	20	
Lead	mg/L	ND	.5	.5	0.39	0.39	78	77	75-125	2	20	
Selenium	mg/L	ND	.5	.5	0.44	0.44	88	87	75-125	1	20	
Silver	mg/L	ND	.25	.25	0.23	0.23	93	91	75-125	3	20	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

QC Batch: MSV/35064 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006, 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

METHOD BLANK: 1641483 | Matrix: Water
Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006, 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	0.0010	0.00033	01/06/16 12:02	
1,1,1-Trichloroethane	mg/L	ND	0.0010	0.00048	01/06/16 12:02	
1,1,2,2-Tetrachloroethane	mg/L	ND	0.0010	0.00040	01/06/16 12:02	
1,1,2-Trichloroethane	mg/L	ND	0.0010	0.00029	01/06/16 12:02	
1,1-Dichloroethane	mg/L	ND	0.0010	0.00032	01/06/16 12:02	
1,1-Dichloroethene	mg/L	ND	0.0010	0.00056	01/06/16 12:02	
1,1-Dichloropropene	mg/L	ND	0.0010	0.00049	01/06/16 12:02	
1,2,3-Trichlorobenzene	mg/L	ND	0.0010	0.00033	01/06/16 12:02	
1,2,3-Trichloropropane	mg/L	ND	0.0010	0.00041	01/06/16 12:02	
1,2,4-Trichlorobenzene	mg/L	ND	0.0010	0.00035	01/06/16 12:02	
1,2,4-Trimethylbenzene	mg/L	ND	0.0010	0.00031	01/06/16 12:02	
1,2-Dibromoethane (EDB)	mg/L	ND	0.0010	0.00027	01/06/16 12:02	
1,2-Dichlorobenzene	mg/L	ND	0.0010	0.00030	01/06/16 12:02	
1,2-Dichloroethane	mg/L	ND	0.0010	0.00024	01/06/16 12:02	
1,2-Dichloroethene (Total)	mg/L	ND	0.0010	0.00049	01/06/16 12:02	
1,2-Dichloropropane	mg/L	ND	0.0010	0.00027	01/06/16 12:02	
1,3,5-Trimethylbenzene	mg/L	ND	0.0010	0.00036	01/06/16 12:02	
1,3-Dichlorobenzene	mg/L	ND	0.0010	0.00024	01/06/16 12:02	
1,3-Dichloropropane	mg/L	ND	0.0010	0.00028	01/06/16 12:02	
1,4-Dichlorobenzene	mg/L	ND	0.0010	0.00033	01/06/16 12:02	
2,2-Dichloropropane	mg/L	ND	0.0010	0.00013	01/06/16 12:02	
2-Chlorotoluene	mg/L	ND	0.0010	0.00035	01/06/16 12:02	
4-Chlorotoluene	mg/L	ND	0.0010	0.00031	01/06/16 12:02	
Benzene	mg/L	ND	0.0010	0.00025	01/06/16 12:02	
Bromobenzene	mg/L	ND	0.0010	0.00030	01/06/16 12:02	
Bromochloromethane	mg/L	ND	0.0010	0.00017	01/06/16 12:02	
Bromodichloromethane	mg/L	ND	0.0010	0.00018	01/06/16 12:02	
Bromoform	mg/L	ND	0.0010	0.00026	01/06/16 12:02	
Bromomethane	mg/L	ND	0.0020	0.00029	01/06/16 12:02	
Carbon tetrachloride	mg/L	ND	0.0010	0.00025	01/06/16 12:02	
Chlorobenzene	mg/L	ND	0.0010	0.00023	01/06/16 12:02	
Chloroethane	mg/L	ND	0.0010	0.00054	01/06/16 12:02	
Chloroform	mg/L	ND	0.0010	0.00014	01/06/16 12:02	
Chloromethane	mg/L	ND	0.0010	0.00011	01/06/16 12:02	
cis-1,2-Dichloroethene	mg/L	ND	0.0010	0.00019	01/06/16 12:02	
Dibromochloromethane	mg/L	ND	0.0010	0.00021	01/06/16 12:02	
Dibromomethane	mg/L	ND	0.0010	0.00021	01/06/16 12:02	
Dichlorodifluoromethane	mg/L	ND	0.0010	0.00021	01/06/16 12:02	
Diisopropyl ether	mg/L	ND	0.0010	0.00012	01/06/16 12:02	
Ethylbenzene	mg/L	ND	0.0010	0.00030	01/06/16 12:02	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

METHOD BLANK: 1641483 Matrix: Water

Associated Lab Samples: 92281698001, 92281698002, 92281698003, 92281698004, 92281698005, 92281698006, 92281698007, 92281698008, 92281698009, 92281698010, 92281698012, 92281698013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	mg/L	ND	0.0010	0.00071	01/06/16 12:02	
Isopropylbenzene (Cumene)	mg/L	ND	0.0010	0.00040	01/06/16 12:02	
m&p-Xylene	mg/L	ND	0.0020	0.00066	01/06/16 12:02	
Methyl-tert-butyl ether	mg/L	ND	0.0010	0.00021	01/06/16 12:02	
Methylene Chloride	mg/L	ND	0.0020	0.00097	01/06/16 12:02	
n-Butylbenzene	mg/L	ND	0.0010	0.00041	01/06/16 12:02	
n-Propylbenzene	mg/L	ND	0.0010	0.00042	01/06/16 12:02	
Naphthalene	mg/L	ND	0.0010	0.00024	01/06/16 12:02	
o-Xylene	mg/L	ND	0.0010	0.00023	01/06/16 12:02	
p-Isopropyltoluene	mg/L	ND	0.0010	0.00031	01/06/16 12:02	
sec-Butylbenzene	mg/L	ND	0.0010	0.00038	01/06/16 12:02	
Styrene	mg/L	ND	0.0010	0.00026	01/06/16 12:02	
tert-Butylbenzene	mg/L	ND	0.0010	0.00040	01/06/16 12:02	
Tetrachloroethene	mg/L	ND	0.0010	0.00046	01/06/16 12:02	
Tetrahydrofuran	mg/L	ND	0.010	0.0031	01/06/16 12:02	
Toluene	mg/L	ND	0.0010	0.00026	01/06/16 12:02	
trans-1,2-Dichloroethene	mg/L	ND	0.0010	0.00049	01/06/16 12:02	
Trichloroethene	mg/L	ND	0.0010	0.00047	01/06/16 12:02	
Trichlorofluoromethane	mg/L	ND	0.0010	0.00020	01/06/16 12:02	
Vinyl acetate	mg/L	ND	0.0020	0.00035	01/06/16 12:02	
Vinyl chloride	mg/L	ND	0.0010	0.00062	01/06/16 12:02	
Xylene (Total)	mg/L	ND	0.0020	0.00066	01/06/16 12:02	
1,2-Dichloroethane-d4 (S)	%	100	70-130		01/06/16 12:02	
4-Bromofluorobenzene (S)	%	112	70-130		01/06/16 12:02	
Toluene-d8 (S)	%	102	70-130		01/06/16 12:02	

LABORATORY CONTROL SAMPLE: 1641484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	.05	0.048	96	70-130	
1,1,1-Trichloroethane	mg/L	.05	0.048	95	70-130	
1,1,2,2-Tetrachloroethane	mg/L	.05	0.045	90	70-130	
1,1,2-Trichloroethane	mg/L	.05	0.044	88	70-130	
1,1-Dichloroethane	mg/L	.05	0.043	86	70-130	
1,1-Dichloroethene	mg/L	.05	0.045	91	70-132	
1,1-Dichloropropene	mg/L	.05	0.046	93	70-130	
1,2,3-Trichlorobenzene	mg/L	.05	0.045	91	70-135	
1,2,3-Trichloropropane	mg/L	.05	0.045	90	70-130	
1,2,4-Trichlorobenzene	mg/L	.05	0.048	96	70-134	
1,2,4-Trimethylbenzene	mg/L	.05	0.046	92	70-130	
1,2-Dibromoethane (EDB)	mg/L	.05	0.045	90	70-130	
1,2-Dichlorobenzene	mg/L	.05	0.044	88	70-130	
1,2-Dichloroethane	mg/L	.05	0.044	88	70-130	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

LABORATORY CONTROL SAMPLE: 1641484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/L	.1	0.090	90	70-130	
1,2-Dichloropropane	mg/L	.05	0.044	87	70-130	
1,3,5-Trimethylbenzene	mg/L	.05	0.047	95	70-130	
1,3-Dichlorobenzene	mg/L	.05	0.047	95	70-130	
1,3-Dichloropropane	mg/L	.05	0.043	86	70-130	
1,4-Dichlorobenzene	mg/L	.05	0.048	95	70-130	
2,2-Dichloropropane	mg/L	.05	0.051	101	58-145	
2-Chlorotoluene	mg/L	.05	0.047	94	70-130	
4-Chlorotoluene	mg/L	.05	0.045	90	70-130	
Benzene	mg/L	.05	0.044	89	70-130	
Bromobenzene	mg/L	.05	0.046	92	70-130	
Bromochloromethane	mg/L	.05	0.047	95	70-130	
Bromodichloromethane	mg/L	.05	0.050	100	70-130	
Bromoform	mg/L	.05	0.050	100	70-130	
Bromomethane	mg/L	.05	0.059	118	54-130	
Carbon tetrachloride	mg/L	.05	0.050	101	70-132	
Chlorobenzene	mg/L	.05	0.046	92	70-130	
Chloroethane	mg/L	.05	0.048	96	64-134	
Chloroform	mg/L	.05	0.047	93	70-130	
Chloromethane	mg/L	.05	0.043	86	64-130	
cis-1,2-Dichloroethene	mg/L	.05	0.044	89	70-131	
Dibromochloromethane	mg/L	.05	0.049	98	70-130	
Dibromomethane	mg/L	.05	0.049	99	70-131	
Dichlorodifluoromethane	mg/L	.05	0.039	78	56-130	
Diisopropyl ether	mg/L	.05	0.045	90	70-130	
Ethylbenzene	mg/L	.05	0.045	90	70-130	
Hexachloro-1,3-butadiene	mg/L	.05	0.061	123	70-130	
Isopropylbenzene (Cumene)	mg/L	.05	0.049	98	70-130	
m&p-Xylene	mg/L	.1	0.091	91	70-130	
Methyl-tert-butyl ether	mg/L	.05	0.047	94	70-130	
Methylene Chloride	mg/L	.05	0.044	88	63-130	
n-Butylbenzene	mg/L	.05	0.047	94	70-130	
n-Propylbenzene	mg/L	.05	0.045	90	70-130	
Naphthalene	mg/L	.05	0.044	87	70-138	
o-Xylene	mg/L	.05	0.046	91	70-130	
p-Isopropyltoluene	mg/L	.05	0.046	91	70-130	
sec-Butylbenzene	mg/L	.05	0.048	96	70-130	
Styrene	mg/L	.05	0.045	91	70-130	
tert-Butylbenzene	mg/L	.05	0.038	75	70-130	
Tetrachloroethene	mg/L	.05	0.046	91	70-130	
Tetrahydrofuran	mg/L	.5	0.43	86	70-130	
Toluene	mg/L	.05	0.046	93	70-130	
trans-1,2-Dichloroethene	mg/L	.05	0.045	91	70-130	
Trichloroethene	mg/L	.05	0.047	94	70-130	
Trichlorofluoromethane	mg/L	.05	0.049	97	62-133	
Vinyl acetate	mg/L	.1	0.092	92	66-157	
Vinyl chloride	mg/L	.05	0.046	91	50-150	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

LABORATORY CONTROL SAMPLE: 1641484

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	mg/L	.15	0.14	91	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1641485

Parameter	Units	92281698001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	.02	0.022	109	70-130	
1,1,1-Trichloroethane	mg/L	ND	.02	0.022	111	70-130	
1,1,2,2-Tetrachloroethane	mg/L	ND	.02	0.020	98	70-130	
1,1,2-Trichloroethane	mg/L	ND	.02	0.019	96	70-130	
1,1-Dichloroethane	mg/L	ND	.02	0.020	101	70-130	
1,1-Dichloroethene	mg/L	ND	.02	0.021	104	70-166	
1,1-Dichloropropene	mg/L	ND	.02	0.021	105	70-130	
1,2,3-Trichlorobenzene	mg/L	ND	.02	0.017	86	70-130	
1,2,3-Trichloropropane	mg/L	ND	.02	0.020	100	70-130	
1,2,4-Trichlorobenzene	mg/L	ND	.02	0.019	93	70-130	
1,2,4-Trimethylbenzene	mg/L	ND	.02	0.020	100	70-130	
1,2-Dibromoethane (EDB)	mg/L	ND	.02	0.019	97	70-130	
1,2-Dichlorobenzene	mg/L	ND	.02	0.020	99	70-130	
1,2-Dichloroethane	mg/L	ND	.02	0.021	103	70-130	
1,2-Dichloropropane	mg/L	ND	.02	0.018	92	70-130	
1,3,5-Trimethylbenzene	mg/L	ND	.02	0.021	103	70-130	
1,3-Dichlorobenzene	mg/L	ND	.02	0.021	103	70-130	
1,3-Dichloropropane	mg/L	ND	.02	0.019	94	70-130	
1,4-Dichlorobenzene	mg/L	ND	.02	0.021	105	70-130	
2,2-Dichloropropane	mg/L	ND	.02	0.021	104	70-130	
2-Chlorotoluene	mg/L	ND	.02	0.020	98	70-130	
4-Chlorotoluene	mg/L	ND	.02	0.020	102	70-130	
Benzene	mg/L	ND	.02	0.020	100	70-148	
Bromobenzene	mg/L	ND	.02	0.020	98	70-130	
Bromochloromethane	mg/L	ND	.02	0.021	106	70-130	
Bromodichloromethane	mg/L	ND	.02	0.022	109	70-130	
Bromoform	mg/L	ND	.02	0.019	95	70-130	
Bromomethane	mg/L	ND	.02	0.012	59	70-130	M1
Carbon tetrachloride	mg/L	ND	.02	0.023	115	70-130	
Chlorobenzene	mg/L	ND	.02	0.021	106	70-146	
Chloroethane	mg/L	ND	.02	0.019	94	70-130	
Chloroform	mg/L	ND	.02	0.021	104	70-130	
Chloromethane	mg/L	ND	.02	0.018	88	70-130	
cis-1,2-Dichloroethene	mg/L	ND	.02	0.020	102	70-130	
Dibromochloromethane	mg/L	ND	.02	0.021	103	70-130	
Dibromomethane	mg/L	ND	.02	0.022	109	70-130	
Dichlorodifluoromethane	mg/L	ND	.02	0.018	90	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

MATRIX SPIKE SAMPLE: 1641485

Parameter	Units	92281698001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Diisopropyl ether	mg/L	ND	.02	0.020	101	70-130	
Ethylbenzene	mg/L	ND	.02	0.021	104	70-130	
Hexachloro-1,3-butadiene	mg/L	ND	.02	0.026	130	70-130	
Isopropylbenzene (Cumene)	mg/L	ND	.02	0.022	110	70-130	
m&p-Xylene	mg/L	ND	.04	0.041	104	70-130	
Methyl-tert-butyl ether	mg/L	ND	.02	0.021	104	70-130	
Methylene Chloride	mg/L	ND	.02	0.020	98	70-130	
n-Butylbenzene	mg/L	ND	.02	0.020	99	70-130	
n-Propylbenzene	mg/L	ND	.02	0.020	99	70-130	
Naphthalene	mg/L	ND	.02	0.017	84	70-130	
o-Xylene	mg/L	ND	.02	0.020	101	70-130	
p-Isopropyltoluene	mg/L	ND	.02	0.019	96	70-130	
sec-Butylbenzene	mg/L	ND	.02	0.020	101	70-130	
Styrene	mg/L	ND	.02	0.021	103	70-130	
tert-Butylbenzene	mg/L	ND	.02	0.017	83	70-130	
Tetrachloroethene	mg/L	ND	.02	0.021	107	70-130	
Tetrahydrofuran	mg/L	ND	.2	0.19	96	70-130	
Toluene	mg/L	ND	.02	0.021	103	70-155	
trans-1,2-Dichloroethene	mg/L	ND	.02	0.021	105	70-130	
Trichloroethene	mg/L	ND	.02	0.022	109	69-151	
Trichlorofluoromethane	mg/L	ND	.02	0.023	114	70-130	
Vinyl acetate	mg/L	ND	.04	0.038	95	70-130	
Vinyl chloride	mg/L	ND	.02	0.021	103	70-130	
1,2-Dichloroethane-d4 (S)	%				101	70-130	
4-Bromofluorobenzene (S)	%				116	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 1641486

Parameter	Units	92281698002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/L	ND	ND		30	
1,1,1-Trichloroethane	mg/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	mg/L	ND	ND		30	
1,1,2-Trichloroethane	mg/L	ND	ND		30	
1,1-Dichloroethane	mg/L	ND	ND		30	
1,1-Dichloroethene	mg/L	ND	ND		30	
1,1-Dichloropropene	mg/L	ND	ND		30	
1,2,3-Trichlorobenzene	mg/L	ND	ND		30	
1,2,3-Trichloropropane	mg/L	ND	ND		30	
1,2,4-Trichlorobenzene	mg/L	ND	ND		30	
1,2,4-Trimethylbenzene	mg/L	ND	.00044J		30	
1,2-Dibromoethane (EDB)	mg/L	ND	ND		30	
1,2-Dichlorobenzene	mg/L	ND	ND		30	
1,2-Dichloroethane	mg/L	ND	ND		30	
1,2-Dichloroethene (Total)	mg/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

SAMPLE DUPLICATE: 1641486

Parameter	Units	92281698002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	mg/L	ND	ND		30	
1,3,5-Trimethylbenzene	mg/L	ND	ND		30	
1,3-Dichlorobenzene	mg/L	ND	ND		30	
1,3-Dichloropropane	mg/L	ND	ND		30	
1,4-Dichlorobenzene	mg/L	ND	ND		30	
2,2-Dichloropropane	mg/L	ND	ND		30	
2-Chlorotoluene	mg/L	ND	ND		30	
4-Chlorotoluene	mg/L	ND	ND		30	
Benzene	mg/L	0.0013	0.0013	3	30	
Bromobenzene	mg/L	ND	ND		30	
Bromochloromethane	mg/L	ND	ND		30	
Bromodichloromethane	mg/L	ND	ND		30	
Bromoform	mg/L	ND	ND		30	
Bromomethane	mg/L	ND	ND		30	
Carbon tetrachloride	mg/L	ND	ND		30	
Chlorobenzene	mg/L	ND	ND		30	
Chloroethane	mg/L	ND	ND		30	
Chloroform	mg/L	ND	ND		30	
Chloromethane	mg/L	ND	ND		30	
cis-1,2-Dichloroethene	mg/L	ND	ND		30	
Dibromochloromethane	mg/L	ND	ND		30	
Dibromomethane	mg/L	ND	ND		30	
Dichlorodifluoromethane	mg/L	ND	ND		30	
Diisopropyl ether	mg/L	ND	ND		30	
Ethylbenzene	mg/L	ND	ND		30	
Hexachloro-1,3-butadiene	mg/L	ND	ND		30	
Isopropylbenzene (Cumene)	mg/L	0.0014	0.0015	5	30	
m&p-Xylene	mg/L	ND	.00069J		30	
Methyl-tert-butyl ether	mg/L	ND	.00061J		30	
Methylene Chloride	mg/L	ND	ND		30	
n-Butylbenzene	mg/L	ND	ND		30	
n-Propylbenzene	mg/L	ND	ND		30	
Naphthalene	mg/L	0.0016	0.0017	8	30	
o-Xylene	mg/L	ND	.00062J		30	
p-Isopropyltoluene	mg/L	ND	ND		30	
sec-Butylbenzene	mg/L	ND	ND		30	
Styrene	mg/L	ND	ND		30	
tert-Butylbenzene	mg/L	ND	ND		30	
Tetrachloroethene	mg/L	ND	ND		30	
Tetrahydrofuran	mg/L	0.10	0.10	1	30	
Toluene	mg/L	ND	ND		30	
trans-1,2-Dichloroethene	mg/L	ND	ND		30	
Trichloroethene	mg/L	ND	ND		30	
Trichlorofluoromethane	mg/L	ND	ND		30	
Vinyl acetate	mg/L	ND	ND		30	
Vinyl chloride	mg/L	ND	ND		30	
Xylene (Total)	mg/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

SAMPLE DUPLICATE: 1641486

Parameter	Units	92281698002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane-d4 (S)	%	103	102	1		
4-Bromofluorobenzene (S)	%	110	106	3		
Toluene-d8 (S)	%	101	101	0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

QUALIFIERS

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether, Styrene, and Vinyl chloride.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WILEY DAVIS LANDFILL
Pace Project No.: 92281698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92281698001	**WD-1**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698002	**WD-2**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698003	**WD-2d**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698004	**WD-3**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698005	**WD-3d**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698006	**WD-4**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698007	**WD-4d**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698008	**WD-7**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698009	**WD-8**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698010	**WD-9**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698012	**UPGRADIENT**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698013	**SS- DOWNGRADIENT**	EPA 3010A	MPRP/20425	EPA 6010	ICP/18425
92281698001	**WD-1**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698002	**WD-2**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698003	**WD-2d**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698004	**WD-3**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698005	**WD-3d**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698006	**WD-4**	EPA 7470	MERP/8849	EPA 7470	MERC/8501
92281698007	**WD-4d**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698008	**WD-7**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698009	**WD-8**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698010	**WD-9**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698012	**UPGRADIENT**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698013	**SS- DOWNGRADIENT**	EPA 7470	MERP/8850	EPA 7470	MERC/8499
92281698001	**WD-1**	EPA 8260	MSV/35064		
92281698002	**WD-2**	EPA 8260	MSV/35064		
92281698003	**WD-2d**	EPA 8260	MSV/35064		
92281698004	**WD-3**	EPA 8260	MSV/35064		
92281698005	**WD-3d**	EPA 8260	MSV/35064		
92281698006	**WD-4**	EPA 8260	MSV/35064		
92281698007	**WD-4d**	EPA 8260	MSV/35064		
92281698008	**WD-7**	EPA 8260	MSV/35064		
92281698009	**WD-8**	EPA 8260	MSV/35064		
92281698010	**WD-9**	EPA 8260	MSV/35064		
92281698012	**UPGRADIENT**	EPA 8260	MSV/35064		
92281698013	**SS- DOWNGRADIENT**	EPA 8260	MSV/35064		

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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

1942730

Section A Required Client Information:

Company: WATERS EDGE ENV.
Address: Raleigh, N.C.
Email To: Phil Rohn
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Phil Rohn
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 ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260+THE	Analysis Test: RCRA METALS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	WD-1	WT	G	12/31/15	1630				4			1	3					✓	✓		92281698
2	WD-2	WT	G		1445				4			1	3					✓	✓		
3	WD-2d	WT	G		1430				4			1	3					✓	✓		
4	WD-3	WT	G		1330				4			1	3					✓	✓		
5	WD-3d	WT	G		1300				4			1	3					✓	✓		
6	WD-4	WT	G		1130				4			1	3					✓	✓		
7	WD-4d	WT	G		1115				4			1	3					✓	✓		
8	WD-8	WT	G		1045				4			1	3					✓	✓		
9	WD-8	WT	G		1530				4			1	3					✓	✓		
10	WD-9	WT	G		1600				4			1	3					✓	✓		
11	SS-Upgradient	WT	G		1200				4			1	3					✓	✓		
12	SS-Downgradient	WT	G		1500				4			1	3					✓	✓		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	1/4/16	1540	Denise Pin Eden	1/4/16	1540	0.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Thomas Haynes

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/31/15

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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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

1942730

Section A Required Client Information:

Company: WATERS EDGE ENV.
Address: Raleigh, N.C.
Email To: Phil Rohn
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): 92281698

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 8260+THE	RCRA METALS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	WD-1	WT	G	12/31/15	1130				4			1	3					✓	✓		
2	WD-2	WT	G		1445				4			1	3					✓	✓		
3	WD-2d	WT	G		1430				4			1	3					✓	✓		
4	WD-3	WT	G		1330				4			1	3					✓	✓		
5	WD-3d	WT	G		1300				4			1	3					✓	✓		
6	WD-4	WT	G		1130				4			1	3					✓	✓		
7	WD-4d	WT	G		1115				4			1	3					✓	✓		
8	WD-7	WT	G		1045				4			1	3					✓	✓		
9	WD-8	WT	G		1530				4			1	3					✓	✓		
10	WD-9	WT	G		1600				4			1	3					✓	✓		
11	SS-Upgradient	WT	G		1200				4			1	3					✓	✓		
12	SS-Downgradient	WT	G		1500				4			1	3					✓	✓		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	1/4/16	1540	Dennis Pin Eden	1/4/16	1540	0.1	Y	N	Y

2

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Thomas Haynes
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/31/15

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

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: 26OCT2015 Page 1 of 2
	Document No.: F-EDN-CS-003-rev.12	Issuing Authority: Pace Huntersville Quality Office

Sample Condition Upon Receipt

Client Name: Waters Edge Environment

Project #:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other:

Thermometer Used: ☐ IR Gun ED007 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 0.1 **Biological Tissue Frozen?** ☐ Yes ☐ No ☐ N/A

Temp should be above freezing to 6°C **Correction Factor:** 0.0 °C **Date and Initials of Person Examining Contents:** 01/04/16 dp

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	7.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC,LLHg	☐ Yes	☐ No	☑ N/A	
Samples checked for dechlorization	☐ Yes	☐ No	☑ N/A	14.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	15.
Trip Blank Present?	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager SCURF Review: KP **Date:** 1/4/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).