

Pelz, Susan

Hills SELF
~~Adams~~
Adams

From: David Adams [AdamsDS@HillsboroughCounty.ORG]
Sent: Monday, September 25, 2006 1:30 PM
To: Pelz, Susan
Cc: PATRICIA BERRY; Larry Ruiz
Subject: RE: Annual Sludge Testing

Hey Susan,

I am glad we were able to clarify that issue.

David S. Adams, P.G.
Environmental Manager
Solid Waste Management Department
24th Floor County Center
P.O. Box 1110
Tampa, FL 33601
Tel: (813) 276-2944
Fax: (813) 276-2960
Cell (813) 335-4596

>>> "Pelz, Susan" <Susan.Pelz@dep.state.fl.us> 9/25/2006 1:22 PM >>>
Dave,

Thanks. I missed the metals analysis in the April 2006 sampling event.

If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, Fl. 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us

-----Original Message-----

From: David Adams [mailto:AdamsDS@HillsboroughCounty.ORG]
Sent: Monday, September 25, 2006 1:14 PM
To: Pelz, Susan
Cc: "morris@dep.state.fl.us.internet.BOCC"@dep.state.fl.us; PATRICIA BERRY; JAMES CLAYTON; Larry Ruiz; THOMAS SMITH; Michael Townsel
Subject: Re: Annual Sludge Testing

Dear Susan,

I have reviewed your e-mail dated 9/25/06 requesting clarification of the results of analysis from our sludge sampling report provided to you on May 26, 2006. The initial sampling of the sludge on 2/23/06 was not analyzed in accordance with our permit requirements. Therefore, the Solid Waste Management Department re-sampled the sludge on 4/7/06, and the appropriate results of analysis were provided in our 5/26/06 submittal. Please review the attached pdf file of that submittal, and you should find all the required TCLP analyses from the 4/07/06 sampling

event.

Should you have any questions or require any additional information, please feel free to contact me directly at the numbers provided below.

Sincerely,

David S. Adams, P.G.
Environmental Manager
Solid Waste Management Department
24th Floor County Center
P.O. Box 1110
Tampa, FL 33601
Tel: (813) 276-2944
Fax: (813) 276-2960
Cell (813) 335-4596

>>> "Pelz, Susan" <Susan.Pelz@dep.state.fl.us> 9/25/2006 10:51 AM >>>
Larry,

We received the annual sludge testing results dated May 26, 2006 (received May 30, 2006). It does not appear that TCLP metals results were provided. Page 5 of 20 seems to indicate that totals analysis were run (results were reported in mg/kg). Please provide the results of the TCLP metals testing, or clarify the results provided.

thanks,
If you have any questions, please call or email (email is better).

Susan J. Pelz, P.E.
Solid Waste Program Manager
Southwest District

13051 N. Telecom Parkway
Temple Terrace, Fl. 33637
813-632-7600 x 386
susan.pelz@dep.state.fl.us

100494



Hillsborough County
Florida

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Patricia G. Bean

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May 26, 2006

Dept. of Environmental
Protection

MAY 30 2006

Southwest District

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Solid Waste Section
13051 Telecom Parkway
Temple Terrace, FL 33637

Re: **Southeast County Landfill
Leachate Treatment Plant
Annual Sludge Testing Analytical Data**

Dear Ms. Pelz:

In accordance with Specific Condition No. 32(c) of the Operation Permit No. 35435-006-SO, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for the annual sampling of the sludge at the Southeast County Leachate Treatment Facility. The referenced permit requires the SWMD to sample and analyze the waste sludge for Toxicity Characteristic Leaching Procedure (TCLP) listed in 40 CFR Part 261.24, Table 1. Also included in the analysis are pH, total nitrogen, and total phosphorous.

On February 23, 2006, the SWMD collected the sludge sample from the rolloff container that is located inside the leachate treatment facility. The SWMD inadvertently omitted TCLP organics and pesticides during the sample collection and returned to the site on April 7, 2006 to collect these parameters.

The laboratory analytical results for February 23rd and April 7th indicated parameters were within applicable standards in the above referenced Table 1. This sample was analyzed by our contracted laboratory, Severn Trent Laboratories, Inc. and the data sheets are attached.

FEB/APRIL 2006
LEACHATE PLANT
SLUDGE ANALYSIS

Should you have any questions or comments concerning the information provided in this submittal, please feel free to contact me at (813) 276-2908 or David Adams at (813) 276-2944.

Sincerely,



Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

PVB/mdt
Enclosures

xc: Ron Cope, EPC
Larry Ruiz, SWMD
David Adams, P.G., SWMD

enviro/projects/self/leachate plant/ltp-sludgesampling-3-06.doc

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-7406-1

Client Sample ID: Southeast Leachate

Lab Sample ID: 660-7406-1

Date Sampled: 02/23/2006 1215
Date Received: 02/23/2006 1713
Percent Solids: 17

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 6010B	Date Prepared: 03/02/2006 1015		Date Analyzed: 03/03/2006 1126		
Arsenic	11	mg/Kg	1.4	3.0	1.0
Cadmium	0.52 U	mg/Kg	0.52	3.0	1.0
Copper	140	mg/Kg	3.0	12	1.0
Nickel	15 I	mg/Kg	2.6	24	1.0
Lead	13	mg/Kg	0.89	3.0	1.0
Selenium	3.8 I	mg/Kg	2.2	5.9	1.0
Zinc	480	mg/Kg	3.0	12	1.0
Potassium	0.54	% by dwt	0.0095	0.059	1.0
Molybdenum	3.0 I	mg/Kg	0.95	5.9	1.0
Method: 7471A	Date Prepared: 03/07/2006 0937		Date Analyzed: 03/07/2006 1405		
Mercury	0.050 I	mg/Kg	0.044	0.12	1.0
Method: 351.2	Date Prepared: 02/27/2006 1325		Date Analyzed: 03/01/2006 0950		
Nitrogen, Kjeldahl	0.73 I	% by dwt	0.13	2.7	10
Method: 353.2	Date Prepared: 03/02/2006 1133		Date Analyzed: 03/02/2006 1133		
Nitrogen, Nitrate Nitrite	0.0030	% by dwt	0.000090	0.00010	1.0
Method: 365.4	Date Prepared: 02/27/2006 1325		Date Analyzed: 03/01/2006 1231		
Phosphorus, Total	6.6	% by dwt	0.40	1.5	10
Method: Total Nitrogen	Date Prepared:		Date Analyzed: 03/06/2006 0804		
Nitrogen, Total	0.73	% by dwt	0.000021	0.00012	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
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Tampa, FL 33601

Job Number: 660-7406-1

Client Sample ID: Southeast Leachate

Lab Sample ID: 660-7406-1

Date Sampled: 02/23/2006 1215

Date Received: 02/23/2006 1713

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 2540G	Date Prepared:		Date Analyzed: 02/27/2006	1430	
Total Solids	17	%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-7406-1

Lab Section	Qualifier	Description
Metals		
	J3	Estimated value; value may not be accurate. The reported value fails to meet the established quality control criteria for either precision or accuracy.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
General Chemistry		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-8343-1

Client Sample ID: Southeast Leachate

Lab Sample ID: 660-8343-1

Date Sampled: 04/07/2006 0000

Date Received: 04/07/2006 1500

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: TCLP-8260B					
Date Prepared: 04/18/2006 1646 Date Analyzed: 04/18/2006 1646					
Benzene	0.55 U	ug/L	0.55	1.0	1.0
Carbon tetrachloride	0.90 U	ug/L	0.90	1.0	1.0
Chlorobenzene	0.00041 U	mg/L	0.00041	0.0010	1.0
Chloroform	0.00050 U	mg/L	0.00050	0.0010	1.0
1,2-Dichloroethane	0.28 U	ug/L	0.28	1.0	1.0
1,1-Dichloroethene	0.95 U	ug/L	0.95	1.0	1.0
Methyl Ethyl Ketone	0.0068	mg/L	0.00070	0.0050	1.0
Tetrachloroethene	0.75 U	ug/L	0.75	1.0	1.0
Trichloroethene	0.70 U	ug/L	0.70	1.0	1.0
Vinyl chloride	0.90 U	ug/L	0.90	2.0	1.0

Surrogate

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8

102 %
93 %
95 %

Acceptance Limits

77 - 120
75 - 123
79 - 122

Method: TCLP-8270C

Date Prepared: 04/20/2006 1405 Date Analyzed: 04/24/2006 2311

Pyridine	0.043 U J3	mg/L	0.043	1.3	1.0
Pentachlorophenol	0.028 U	mg/L	0.028	1.3	1.0
Nitrobenzene	31 U	ug/L	31	250	1.0
Hexachloroethane	0.032 U	mg/L	0.032	0.25	1.0
Hexachlorobutadiene	0.032 U	mg/L	0.032	0.25	1.0
Hexachlorobenzene	24 U	ug/L	24	250	1.0
2-Methylphenol	0.031 U	mg/L	0.031	0.25	1.0
3 & 4 Methylphenol	0.031 U	mg/L	0.031	0.25	1.0
1,4-Dichlorobenzene	0.027 U	mg/L	0.027	0.25	1.0
2,4-Dinitrotoluene	27 U	ug/L	27	250	1.0
2,4,5-Trichlorophenol	0.034 U	mg/L	0.034	0.25	1.0
2,4,6-Trichlorophenol	24 U	ug/L	24	250	1.0

Surrogate

2,4,6-Tribromophenol
2-Fluorophenol
Phenol-d5
Nitrobenzene-d5
2-Fluorobiphenyl
Terphenyl-d14

104 %
19 J1 %
36 %
61 %
68 %
70 %

Acceptance Limits

39 - 146
29 - 121
25 - 126
32 - 131
40 - 129
10 - 149

Method: TCLP-8270C

Date Prepared: 04/25/2006 1412 Date Analyzed: 04/28/2006 0009

Pyridine	0.043 U Q	mg/L	0.043	1.3	1.0
Pentachlorophenol	0.028 U Q	mg/L	0.028	1.3	1.0
Nitrobenzene	31 U Q J3	ug/L	31	250	1.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-8343-1

Client Sample ID: Southeast Leachate

Lab Sample ID: 660-8343-1

Date Sampled: 04/07/2006 0000

Date Received: 04/07/2006 1500

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: TCLP-8270C	Date Prepared: 04/25/2006 1412		Date Analyzed: 04/28/2006 0009		
Hexachloroethane	0.032 U Q	mg/L	0.032	0.25	1.0
Hexachlorobutadiene	0.032 U Q	mg/L	0.032	0.25	1.0
Hexachlorobenzene	24 U Q	ug/L	24	250	1.0
2-Methylphenol	0.031 U Q	mg/L	0.031	0.25	1.0
3 & 4 Methylphenol	0.031 U Q	mg/L	0.031	0.25	1.0
1,4-Dichlorobenzene	0.027 U Q	mg/L	0.027	0.25	1.0
2,4-Dinitrotoluene	27 U Q	ug/L	27	250	1.0
2,4,5-Trichlorophenol	0.034 U Q	mg/L	0.034	0.25	1.0
2,4,6-Trichlorophenol	24 U Q	ug/L	24	250	1.0

Surrogate	Acceptance Limits				
2,4,6-Tribromophenol	79	%		39 - 146	
2-Fluorophenol	55	%		29 - 121	
Phenol-d5	58	%		25 - 126	
Nitrobenzene-d5	66	%		32 - 131	
2-Fluorobiphenyl	53	%		40 - 129	
Terphenyl-d14	59	%		10 - 149	

Method: TCLP-8081A	Date Prepared: 04/18/2006 0819		Date Analyzed: 04/19/2006 2257		
Chlordane (technical)	3.4 U	ug/L	3.4	25	1.0
Endrin	0.61 U	ug/L	0.61	5.0	1.0
gamma-BHC (Lindane)	0.21 U	ug/L	0.21	2.5	1.0
Heptachlor	0.36 U	ug/L	0.36	2.5	1.0
Heptachlor epoxide	0.22 U	ug/L	0.22	2.5	1.0
Methoxychlor	0.44 U	ug/L	0.44	25	1.0
Toxaphene	19 U	ug/L	19	250	1.0

Surrogate	Acceptance Limits				
DCB Decachlorobiphenyl	70	%		30 - 150	
Tetrachloro-m-xylene	65	%		30 - 150	

Method: TCLP-8151A	Date Prepared: 04/18/2006 0818		Date Analyzed: 04/20/2006 1114		
2,4-D	7.5 U	ug/L	7.5	25	1.0
Silvex (2,4,5-TP)	1.6 U	ug/L	1.6	25	1.0

Surrogate	Acceptance Limits				
2,4-Dichlorophenylacetic acid	95	%		33 - 120	

Method: TCLP-6010B	Date Prepared: 04/22/2006 0921		Date Analyzed: 04/24/2006 0918		
Silver	48 U	ug/L	48	500	5.0
Arsenic	120 U	ug/L	120	1000	5.0

Mr. Jim Clayton
Hillsborough County
Solid Waste Management Department
PO BOX 1110
24th Floor
Tampa, FL 33601

Job Number: 660-8343-1

Client Sample ID: Southeast Leachate

Lab Sample ID: 660-8343-1

Date Sampled: 04/07/2006 0000
Date Received: 04/07/2006 1500

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: TCLP-6010B	Date Prepared: 04/22/2006 0921		Date Analyzed: 04/24/2006 0918		
Barium	30 U	ug/L	30	500	5.0
Cadmium	18 U	ug/L	18	500	5.0
Chromium	43 U	ug/L	43	1000	5.0
Lead	40 U	ug/L	40	1000	5.0
Selenium	150 U	ug/L	150	500	5.0
Method: TCLP-7470A	Date Prepared: 04/18/2006 1238		Date Analyzed: 04/18/2006 1636		
Mercury	0.36 U	ug/L	0.36	0.50	1.0

DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-8343-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates that the compound was analyzed for but not detected.
GC/MS Semi VOA	J1	Estimated value; value may not be accurate. Surrogate recovery limits have been exceeded.
	J3	Estimated value; value may not be accurate. The reported value fails to meet the established quality control criteria for either precision or accuracy.
	U	Indicates that the compound was analyzed for but not detected.
	Q	Sample held beyond the accepted holding time.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
GC Semi VOA	U	Indicates that the compound was analyzed for but not detected.
Metals	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.



Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

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January 14, 2005

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: **Southeast County Landfill
Leachate Treatment Plant
Annual Sludge Testing Analytical Data**

Dear Ms. Pelz:

In accordance with Specific Condition No. 32(c) of the Operation Permit No. 35435-006-SO, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data for the annual sampling of the leachate effluent sludge at the Southeast County Leachate Treatment Facility. The referenced permit requires the SWMD to sample and analyze the waste sludge for Toxicity Characteristic Leaching Procedure (TCLP) for the organics, metals, and pesticides listed in 40 CFR Part 261.24, Table 1. Also included in the analysis are pH, total nitrogen, and total phosphorous.

On December 9, 2004, the SWMD collected the sludge sample for the above-referenced parameters from the rolloff container that is located inside the leachate treatment plant. The laboratory analytical results indicated all parameters were within the standards listed in the above referenced Table 1. This sample was analyzed by our contracted laboratory, Elab, Inc. and the data sheets are attached.

Post Office Box 1110 • Tampa, Florida 33601

Web Site: www.hillsboroughcounty.org

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LEACHATE
PLANT SLUDGE
DEC. 2004

Should you have any questions or comments concerning the information provided in this submittal, please feel free to contact me at (813) 276-2908 or David Adams at (813) 276-2944.

Sincerely,



Patricia V. Berry
Landfill Services Section Manager
Solid Waste Management Department

PVB/mdt
Enclosures

xc: Ron Cope, EPC
Larry Ruiz, SWMD
David Adams, P.G., SWMD

enviro/projects/self/leachate plant/ltp-sludgesampling-12-04.doc

JAN 18 2005

SOUTHWEST DISTRICT
TAMPA

Leachate Treatment Sludge

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F04120315

Sample Number: F04120315-001

Facility WACS:	Leachate Treatment Plant	Sample Date/Time:	12/9/2004 9:45:00 AM
Well/Sampling Point WACS:	Leachate Sludge	Report Period:	December 2004
Well/Sampling Point Name:	Leachate Sludge	Well Purged:	YES
Classification of Groundwater:	Sludge	Well Type:	Sludge
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Percent Moisture	Grab	N	SM2540	12/14/2004	78.03		%	0.10
	Percent Solid	Grab	N	SM2540	12/14/2004	22.0		%	0.100
Inorganics									
	Nitrogen, Kjeldahl, Total	Grab	N	E351.2	12/15/2004	3.7		% Dry	0.0050
	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	12/15/2004	0.0090	I	% Dry	0.0013
	Phosphorus, Total (as P)	Grab	N	E365.4	12/15/2004	6.5		% Dry	0.0025
	Nitrogen, Total	Grab	N	SM4500-	12/16/2004	3.7		% Dry	0.000047
	pH	Grab	N	SW9040	1/10/2005	9.87	Q	pH units	0.100
METALS									
	Arsenic	Grab	N	SW1311/	12/17/2004	24	U	µg/L	24
	Barium	Grab	N	SW1311/	12/17/2004	14	U	µg/L	14
	Cadmium	Grab	N	SW1311/	12/17/2004	2.1	U	µg/L	2.1
	Chromium	Grab	N	SW1311/	12/17/2004	15	U	µg/L	15
	Lead	Grab	N	SW1311/	12/17/2004	29	U	µg/L	29
	Selenium	Grab	N	SW1311/	12/17/2004	41	U	µg/L	41
	Silver	Grab	N	SW1311/	12/17/2004	16	U	µg/L	16
	Mercury	Grab	N	SW1311/	12/22/2004	0.31	U	µg/L	0.31
	Arsenic	Grab	N	SW6010	12/15/2004	6.7		mg/Kg-dr	0.13
	Cadmium	Grab	N	SW6010	12/15/2004	0.52		mg/Kg-dr	0.018
	Chromium	Grab	N	SW6010	12/15/2004	30		mg/Kg-dr	0.035
	Copper	Grab	N	SW6010	12/15/2004	190		mg/Kg-dr	0.035
	Lead	Grab	N	SW6010	12/15/2004	11		mg/Kg-dr	0.063
	Molybdenum	Grab	N	SW6010	12/15/2004	2.5		mg/Kg-dr	0.13
	Nickel	Grab	N	SW6010	12/15/2004	14	V	mg/Kg-dr	0.053
	Potassium	Grab	N	SW6010	12/15/2004	0.46		% Dry	0.00020
	Selenium	Grab	N	SW6010	12/15/2004	1.8		mg/Kg-dr	0.15
	Zinc	Grab	N	SW6010	12/16/2004	640		mg/Kg-dr	1.1
	Mercury	Grab	N	SW7471	12/16/2004	0.20		mg/Kg-dr	0.0047
ORGANICS									
	Chlordane	Grab	N	SW1311/	12/22/2004	0.00080	U	mg/L	0.00080

Data Qualifier Code Key: I Analyte detected below quantitation limits
U Not Detected Above the MDL

Q Holding times for preparation or analysis exceeded
V Analyte detected in the associated Method Blank

**Leachate Treatment Sludge****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F04120315

Sample Number: F04120315-001

Facility WACS:	Leachate Treatment Plant	Sample Date/Time:	12/9/2004 9:45:00 AM
Well/Sampling Point WACS:	Leachate Sludge	Report Period:	December 2004
Well/Sampling Point Name:	Leachate Sludge	Well Purged:	YES
Classification of Groundwater:	Sludge	Well Type:	Sludge
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Endrin	Grab	N	SW1311/	12/22/2004	0.00016	U	mg/L	0.00016
	gamma-BHC	Grab	N	SW1311/	12/22/2004	0.000060	U	mg/L	0.000060
	Heptachlor	Grab	N	SW1311/	12/22/2004	0.000060	U	mg/L	0.000060
	Heptachlor epoxide	Grab	N	SW1311/	12/22/2004	0.000060	U	mg/L	0.000060
	Methoxychlor	Grab	N	SW1311/	12/22/2004	0.000080	U	mg/L	0.000080
	Toxaphene	Grab	N	SW1311/	12/22/2004	0.0037	U	mg/L	0.0037
	2,4,5-TP (Silvex)	Grab	N	SW1311/	12/22/2004	0.00030	U	mg/L	0.00030
	2,4-D	Grab	N	SW1311/	12/22/2004	0.0015	U	mg/L	0.0015
	1,1-Dichloroethene	Grab	N	SW1311/	12/22/2004	0.0040	U	mg/L	0.0040
	1,2-Dichloroethane	Grab	N	SW1311/	12/22/2004	0.0019	U	mg/L	0.0019
	1,4-Dichlorobenzene	Grab	N	SW1311/	12/22/2004	0.0019	U	mg/L	0.0019
	2-Butanone	Grab	N	SW1311/	12/22/2004	0.018	U	mg/L	0.018
	Benzene	Grab	N	SW1311/	12/22/2004	0.0023	U	mg/L	0.0023
	Carbon tetrachloride	Grab	N	SW1311/	12/22/2004	0.0029	U	mg/L	0.0029
	Chlorobenzene	Grab	N	SW1311/	12/22/2004	0.0015	U	mg/L	0.0015
	Chloroform	Grab	N	SW1311/	12/22/2004	0.0023	U	mg/L	0.0023
	Tetrachloroethene	Grab	N	SW1311/	12/22/2004	0.0017	U	mg/L	0.0017
	Trichloroethene	Grab	N	SW1311/	12/22/2004	0.0027	U	mg/L	0.0027
	Vinyl chloride	Grab	N	SW1311/	12/22/2004	0.0043	U	mg/L	0.0043
	1,4-Dichlorobenzene	Grab	N	SW1311/	12/21/2004	0.0010	U	mg/L	0.0010
	2,4,5-Trichlorophenol	Grab	N	SW1311/	12/21/2004	0.0017	U	mg/L	0.0017
	2,4,6-Trichlorophenol	Grab	N	SW1311/	12/21/2004	0.00069	U	mg/L	0.00069
	2,4-Dinitrotoluene	Grab	N	SW1311/	12/21/2004	0.00053	U	mg/L	0.00053
	Hexachlorobenzene	Grab	N	SW1311/	12/21/2004	0.00080	U	mg/L	0.00080
	Hexachlorobutadiene	Grab	N	SW1311/	12/21/2004	0.0011	U	mg/L	0.0011
	Hexachloroethane	Grab	N	SW1311/	12/21/2004	0.00071	U	mg/L	0.00071
	m&p-Cresol	Grab	N	SW1311/	12/21/2004	0.00066	U	mg/L	0.00066
	Nitrobenzene	Grab	N	SW1311/	12/21/2004	0.0011	U	mg/L	0.0011
	o-Cresol	Grab	N	SW1311/	12/21/2004	0.0015	U	mg/L	0.0015
	Pentachlorophenol	Grab	N	SW1311/	12/21/2004	0.00066	U	mg/L	0.00066
	Pyridine	Grab	N	SW1311/	12/21/2004	0.0015	U	mg/L	0.0015

Data Qualifier Code Key:

I Analyte detected below quantitation limits

U Not Detected Above the MDL

Q Holding times for preparation or analysis exceeded

V Analyte detected in the associated Method Blank