COND 270586

Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

January 31, 2006

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
Effluent Analytical Data – Fourth Quarter (October-December, 2005)

Dear Ms. Pelz:

In accordance with Specific Condition No. 32(b) 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 fourth quarter effluent sampling of the leachate treatment plant at the Southeast County Landfill (SELF). The referenced permit requires the SWMD to sample and analyze the leachate effluent for pH on a weekly basis. It also requires that Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), nitrate, and Total Dissolved Solids (TDS) are sampled and analyzed on a monthly basis.

On October 5, November 2, and December 8, 2005, the SWMD collected the effluent samples for the above referenced parameters from the dedicated effluent sampling port at the treatment plant. The monthly samples were analyzed by our contracted laboratories, Test America, Inc. (October) and Severn Trent, Inc. (November and December). Analytical data sheets are attached within this report for your review. Daily effluent pH readings from the leachate plant during these three months ranged from 8.24 – 8.95 pH units.

Nitrates were analyzed and observed during this monitoring period with results in October of 69.2 milligrams per liter (mg/l), 54 mg/l in November, and 38 mg/l in December 2005. TDS values were also observed during these months at concentrations of 5,350 mg/l, 4,400 mg/l, and 4,700 mg/l, respectively. The SWMD will closely monitor all of the constituent levels at the facility.

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

enviro/projects/self/leachate plant/ltp-effluent-4thqtr2005.doc

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client: HILLSBOROUGH CO. SOLID WASTE MGMT DIV.
P.O. BOX 1110
TAMPA, FL 33601
Attn: JIM CLAYTON

Work Order: OOJ0087
Project: LEACHATE TRUCK MONITORING PROG-
Project Number: LEACHATE EFF/WO#0005

Sampled: 10/05/05
Received: 10/05/05

LABORATORY REPORT
Sample ID: LEACHATE EFF - Lab Number: OOJ0087-01 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
Field Sampling Parameters											
PH	**pH**	**8.15**		pH Units	NA	NA	1	10/05/05 10:20	CLI	EPA 150.1	5J06021
NA	**Specific Conductance (EC)**	**10500**		uS/cm	NA	NA	1	10/05/05 10:20	CLI	EPA 120.1	5J06021
TEMP	**Temperature**	**29.6**		°C	NA	NA	1	10/05/05 10:20	CLI	EPA 170.1	5J06021
General Chemistry Parameters											
E1640606	**BOD - 5 Day**	**8.32**		mg/L	2.00	2.00	1	10/11/05 09:00	MXN	EPA 405.1	5J07007
								Prep Date: 10/06/05 18:15			
NA	**Chemical Oxygen Demand**	**327**	J4	mg/L	80.0	100	10	10/17/05 16:25	SXP	Hach 8000	5J17033
C010	**Total Dissolved Solids**	**5350**		mg/L	1.00	1.00	1	10/07/05 11:32	DGC	SM 2540C	5J07023
E1642818	**Total Suspended Solids**	**47.2**		mg/L	1.00	1.00	1	10/10/05 10:00	DGC	EPA 160.2	5J10001
14797-55-8	**Nitrate as N**	**69.2**	Q	mg/L	0.950	1.00	50	10/10/05 14:59	BDG	EPA 300.0	5J06026

LABORATORY REPORT
Sample ID: EQUIPMENT BLANK - Lab Number: OOJ0087-02 - Matrix: Water - NonPotable

CAS #	Analyte	Result	Q	Units	MDL	PQL	Dil Factor	Analyzed Date/Time	By	Method	Batch
General Chemistry Parameters											
E1640606	BOD - 5 Day	2.00	U	mg/L	2.00	2.00	1	10/11/05 09:00	MXN	EPA 405.1	5J07007
								Prep Date: 10/06/05 18:15			
NA	Chemical Oxygen Demand	8.00	U	mg/L	8.00	10.0	1	10/17/05 16:25	SXP	Hach 8000	5J17033
C010	Total Dissolved Solids	1.00	U	mg/L	1.00	1.00	1	10/07/05 11:32	DGC	SM 2540C	5J07023
E1642818	Total Suspended Solids	1.00	U	mg/L	1.00	1.00	1	10/10/05 10:00	DGC	EPA 160.2	5J10001
14797-55-8	Nitrate as N	0.0190	Q, U	mg/L	0.0190	0.0200	1	10/10/05 15:22	BDG	EPA 300.0	5J06026

TestAmerica Analytical - Orlando
Enid Ortiz For Judith A. Beato
Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
4310 East Anderson Road Orlando, FL 32812 * 800-851-2560 * Fax 407-856-0886

Client:	HILLSBOROUGH CO. SOLID WASTE MGMT DIV.	Work Order:	OOJ0087	Sampled:	10/05/05
	P.O. BOX 1110	Project:	LEACHATE TRUCK MONITORING PROG-	Received:	10/05/05
	TAMPA, FL 33601	Project Number:	LEACHATE EFF/WO#0005		
Attn:	JIM CLAYTON				

CERTIFICATION SUMMARY

TestAmerica Analytical - Orlando

Method	Matrix	Nelac	Florida
EPA 120.1	Water - NonPotable	X	X
EPA 150.1	Water - NonPotable	X	X
EPA 160.2	Water - NonPotable	X	X
EPA 170.1	Water - NonPotable		
EPA 300.0	Water - NonPotable	X	X
EPA 405.1	Water - NonPotable	X	X
Hach 8000	Water - NonPotable	X	X
SM 2540C	Water - NonPotable	X	X

DATA QUALIFIERS AND DEFINITIONS

J4	The sample matrix interfered with the ability to make an accurate determination.
Q	Sample analyzed beyond acceptable holding time.
U	The compound was analyzed for but not detected

ADDITIONAL COMMENTS

When insufficient sample volume is received for Matrix Spike and Matrix Spike Duplicate, Laboratory Control Spike and Laboratory Control Spike Duplicate data is used for batch QC.

TestAmerica Analytical - Orlando
Enid Ortiz For Judith A. Beato
Project Manager

SEVERN TRENT STL®

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

Job Number: 660-5225-1

Client Sample ID: Leachate Effluent **Lab Sample ID: 660-5225-2**

Date Sampled: 11/02/2005 1215
Date Received: 11/02/2005 1455

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	**Date Prepared:**		**Date Analyzed: 11/02/2005 1215**	
Field pH	8.55	SU		1.0
Field Temperature	25.85	Degrees C		1.0
Specific Conductance	8994	umhos/cm		1.0

SEVERN TRENT STL®

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

Job Number: 660-5225-1

Client Sample ID: Leachate Effluent **Lab Sample ID: 660-5225-2**

Date Sampled: 11/02/2005 1215
Date Received: 11/02/2005 1455

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	**Date Prepared:**		**Date Analyzed: 11/04/2005 0740**		
Nitrate Nitrogen	54	mg/L	0.010	0.050	1.0

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

Job Number: 660-5225-1

Client Sample ID: Leachate Effluent **Lab Sample ID: 660-5225-2**

Date Sampled: 11/02/2005 1215
Date Received: 11/02/2005 1455

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	**Date Prepared:**		**Date Analyzed: 11/08/2005 0704**		
Total Dissolved Solids	4400	mg/L	5.0	5.0	1.0
Method: 160.2	**Date Prepared:**		**Date Analyzed: 11/07/2005 1536**		
Total Suspended Solids	540	mg/L	1.0	1.0	1.0
Method: 405.1	**Date Prepared:**		**Date Analyzed: 11/03/2005 0700**		
Biochemical Oxygen Demand	6.3	mg/L	2.0	2.0	1.0
Method: 5220C	**Date Prepared:**		**Date Analyzed: 11/16/2005 1700**		
Chemical Oxygen Demand	330	mg/L	20	20	1.0

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DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-5225-1

Lab Section	Qualifier	Description
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.

SEVERN TRENT STL

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

Job Number: 660-5225-1

Client Sample ID: Equipment Blank **Lab Sample ID: 660-5225-1**

Date Sampled: 11/02/2005 1215
Date Received: 11/02/2005 1455

Analyte	Result/Qualifier		Unit	MDL	PQL	Dilution
Method: 353.2	**Date Prepared:**			**Date Analyzed: 11/04/2005 0740**		
Nitrate Nitrogen	0.012	I	mg/L	0.010	0.050	1.0

SEVERN TRENT STL

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

Job Number: 660-5225-1

Client Sample ID: Equipment Blank **Lab Sample ID: 660-5225-1**

Date Sampled: 11/02/2005 1215
Date Received: 11/02/2005 1455

Analyte	Result/Qualifier		Unit	RL	PQL	Dilution
Method: 160.1	**Date Prepared:**			**Date Analyzed: 11/08/2005 0704**		
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0
Method: 160.2	**Date Prepared:**			**Date Analyzed: 11/07/2005 1536**		
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0
Method: 405.1	**Date Prepared:**			**Date Analyzed: 11/03/2005 0700**		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	**Date Prepared:**			**Date Analyzed: 11/16/2005 1700**		
Chemical Oxygen Demand	20	U	mg/L	20	20	1.0

SEVERN TRENT STL®

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

Job Number: 660-5893-1

Client Sample ID: Leachate Eff **Lab Sample ID: 660-5893-7**

Date Sampled: 12/08/2005 1050
Date Received: 12/08/2005 1415

Analyte	Result/Qualifier	Unit	NONE	Dilution
Method: Field Sampling	**Date Prepared:**		**Date Analyzed: 12/08/2005 1050**	
Field pH	8.56	SU		1.0
Field Temperature	24.41	Degrees C		1.0
Specific Conductance	8278	umhos/cm		1.0

SEVERN TRENT STL®

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

Job Number: 660-5893-1

Client Sample ID: Leachate Eff **Lab Sample ID: 660-5893-7**

Date Sampled: 12/08/2005 1050
Date Received: 12/08/2005 1415

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	**Date Prepared:**		**Date Analyzed: 12/09/2005 0739**		
Nitrate Nitrogen	38	mg/L	0.010	0.050	1.0

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

Job Number: 660-5893-1

Client Sample ID: Leachate Eff **Lab Sample ID: 660-5893-7**

Date Sampled: 12/08/2005 1050
Date Received: 12/08/2005 1415

Analyte	Result/Qualifier	Unit	RL	PQL	Dilution
Method: 160.1	**Date Prepared:**		**Date Analyzed: 12/16/2005 2020**		
Total Dissolved Solids	4700	mg/L	5.0	5.0	1.0
Method: 160.2	**Date Prepared:**		**Date Analyzed: 12/13/2005 0901**		
Total Suspended Solids	190	mg/L	1.0	1.0	1.0
Method: 405.1	**Date Prepared:**		**Date Analyzed: 12/09/2005 1100**		
Biochemical Oxygen Demand	8.0	mg/L	2.0	2.0	1.0
Method: 5220C	**Date Prepared:**		**Date Analyzed: 12/27/2005 2000**		
Chemical Oxygen Demand	240	mg/L	20	20	1.0

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

Job Number: 660-5893-1

Client Sample ID: Equipment Blank 1045 **Lab Sample ID: 660-5893-6**

Date Sampled: 12/08/2005 1045
Date Received: 12/08/2005 1415

Analyte	Result/Qualifier	Unit	MDL	PQL	Dilution
Method: 353.2	**Date Prepared:**		**Date Analyzed: 12/09/2005 0739**		
Nitrate Nitrogen	0.069	mg/L	0.010	0.050	1.0

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

Job Number: 660-5893-1

Client Sample ID: Equipment Blank 1045 **Lab Sample ID: 660-5893-6**

Date Sampled: 12/08/2005 1045
Date Received: 12/08/2005 1415

Analyte	Result/Qualifier		Unit	RL	PQL	Dilution
Method: 160.1	**Date Prepared:**			**Date Analyzed: 12/13/2005 1315**		
Total Dissolved Solids	5.0	U	mg/L	5.0	5.0	1.0
Method: 160.2	**Date Prepared:**			**Date Analyzed: 12/13/2005 0901**		
Total Suspended Solids	1.0	U	mg/L	1.0	1.0	1.0
Method: 405.1	**Date Prepared:**			**Date Analyzed: 12/09/2005 1100**		
Biochemical Oxygen Demand	2.0	U	mg/L	2.0	2.0	1.0
Method: 5220C	**Date Prepared:**			**Date Analyzed: 12/27/2005 2000**		
Chemical Oxygen Demand	20	U	mg/L	20	20	1.0

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DATA REPORTING QUALIFIERS

Client: Hillsborough County

Job Number: 660-5225-1

Lab Section	Qualifier	Description
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.

leachate quality
-700494
LR

Hillsborough County
Florida

Office of the County Administrator
Patricia G. Bean

September 23, 2004

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

Re: **Southeast County Landfill**
Leachate Treatment Plant
Effluent Analytical Data – July 2004

Dear Ms. Pelz:

In accordance with Specific Condition No. 32(a) 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 effluent sampling of the leachate treatment plant at the Southeast County Landfill (SELF). The SWMD collected the effluent sample from the dedicated effluent sampling port at the plant on July 28, 2004. The referenced permit requires the SWMD to sample and analyze the leachate effluent within 30 days after there has been extended downtime of the facility. The effluent sample was analyzed for the primary (PDWS) and secondary drinking water standards (SDWS) as listed in Chapter 62-550.310 and .320, Florida Administrative Code.

A number of parameters were observed at concentrations above the PDWS and SDWS. The list of constituents exceeding standards included pH at 8.98 pH units, total dissolved solids (TDS) at 4,800 milligrams per liter (mg/l), chloride at 2,300 mg/l, nitrate at 10 mg/l, nitrate-nitrite at 10 mg/l, and sodium 1,400 mg/l. No purgeable organics were detected above their applicable drinking water standards in the sample. Daily effluent pH readings from the leachate plant during the month of August ranged from 6.9 - 8.1 pH units.

It should be noted that the analytical data set from this sampling event exhibited trace levels of contaminants in the equipment blank. The equipment blank exhibited barium, chromium, sodium, dichloromethane, and toluene at trace levels below quantitation limits. The detections of these contaminants in the equipment blank are a concern to the SWMD and our contracted laboratory, Elab Inc. However, these detections do not raise any specific questions regarding the validity of the data.

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/dsa
Enclosures
xc: Ron Cope, EPC
Matt Matthews, SWMD
Larry Ruiz, SWMD
David Adams, P.G., SWMD

enviro/projects/self/leachate plant/ltp-effluent-July2004.doc

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-001

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 10:10:00 AM
Well/Sampling Point WACS:	Leachate Eff	**Report Period:**	July 2004
Well/Sampling Point Name:	Leachate Eff	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	FIELD								
	Conductivity	Grab	N	FLD	7/28/2004	9479		umhos/c	
	pH	Grab	N	FLD	7/28/2004	8.98		S.U.	
	Temperature	Grab	N	FLD	7/28/2004	31.11		deg C	
	INORGANICS								
00081	Color	Grab	N	E110.2	7/29/2004	240		c.u.	20
00086	Odor	Grab	N	E140.1	7/29/2004	1.0	UQ	t.o.n.	1.0
00403	pH	Grab	N	E150.1	7/29/2004	8.41	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	8/2/2004	4800	*	mg/L	1.2
00940	Chloride	Grab	N	E300.0	8/1/2004	2300	*	mg/L	0.72
00951	Fluoride	Grab	N	E300.0	7/29/2004	2.4	*	mg/L	0.076
00620	Nitrogen, Nitrate	Grab	N	E300.0	7/29/2004	10	*	mg/L	0.091
00615	Nitrogen, Nitrite	Grab	N	E300.0	7/29/2004	0.091	U	mg/L	0.091
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E300.0	7/29/2004	10		mg/L	0.18
00945	Sulfate	Grab	N	E300.0	7/29/2004	16		mg/L	0.51
38260	MBAS	Grab	N	E425.1	7/29/2004	0.20		mg/L	0.024
00720	Cyanide	Grab	N	SW9012	8/4/2004	0.0040	I	mg/L	0.0027
	METALS								
01105	Aluminum	Grab	N	SW6010	8/2/2004	89	I	µg/L	12
01002	Arsenic	Grab	N	SW6010	8/2/2004	7.7	I	µg/L	2.0
01007	Barium	Grab	N	SW6010	8/2/2004	3.6	IV	µg/L	0.074
01012	Beryllium	Grab	N	SW6010	8/2/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	8/2/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	8/2/2004	4.7	I	µg/L	0.60
01042	Copper	Grab	N	SW6010	8/2/2004	92		µg/L	0.58
01045	Iron	Grab	N	SW6010	8/2/2004	290		µg/L	13
01051	Lead	Grab	N	SW6010	8/2/2004	8.4	I	µg/L	1.8
01055	Manganese	Grab	N	SW6010	8/2/2004	33		µg/L	0.38
01067	Nickel	Grab	N	SW6010	8/2/2004	50		µg/L	2.0
01147	Selenium	Grab	N	SW6010	8/2/2004	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	8/2/2004	4.3	I	µg/L	1.4

Data Qualifier Code Key:

*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Q	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL	V	Analyte detected in the associated Method Blank

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-001

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 10:10:00 AM
Well/Sampling Point WACS:	Leachate Eff	**Report Period:**	July 2004
Well/Sampling Point Name:	Leachate Eff	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
00929	Sodium	Grab	N	SW6010	8/3/2004	1400000	*	µg/L	1100
01092	Zinc	Grab	N	SW6010	8/2/2004	49		µg/L	2.3
01097	Antimony	Grab	N	SW7041	8/6/2004	2.0	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	8/3/2004	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	8/6/2004	0.38	I	µg/L	0.25
	ORGANICS								
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	8/4/2004	0.0041	U	µg/L	0.0041
77651	1,2-Dibromoethane	Grab	N	E504.1	8/4/2004	0.0038	U	µg/L	0.0038
	Alachlor	Grab	N	E508.1	8/11/2004	0.023	U	µg/L	0.023
	Atrazine	Grab	N	E508.1	8/11/2004	0.13	U	µg/L	0.13
	gamma-BHC	Grab	N	E508.1	8/11/2004	0.0061	U	µg/L	0.0061
	Chlordane	Grab	N	E508.1	8/11/2004	0.081	U	µg/L	0.081
	Endrin	Grab	N	E508.1	8/11/2004	0.0081	U	µg/L	0.0081
	Heptachlor	Grab	N	E508.1	8/11/2004	0.0081	U	µg/L	0.0081
	Heptachlor epoxide	Grab	N	E508.1	8/11/2004	0.0061	U	µg/L	0.0061
	Hexachlorobenzene	Grab	N	E508.1	8/11/2004	0.0081	U	µg/L	0.0081
	Hexachlorocyclopentadiene	Grab	N	E508.1	8/11/2004	0.018	U	µg/L	0.018
	Methoxychlor	Grab	N	E508.1	8/11/2004	0.0091	U	µg/L	0.0091
	Simazine	Grab	N	E508.1	8/11/2004	0.24	U	µg/L	0.24
	Toxaphene	Grab	N	E508.1	8/11/2004	0.10	U	µg/L	0.10
	PCB 1016	Grab	N	E508.1	8/11/2004	0.10	U	µg/L	0.10
	PCB 1221	Grab	N	E508.1	8/11/2004	0.10	U	µg/L	0.10
	PCB 1232	Grab	N	E508.1	8/11/2004	0.081	U	µg/L	0.081
	PCB 1242	Grab	N	E508.1	8/11/2004	0.091	U	µg/L	0.091
	PCB 1248	Grab	N	E508.1	8/11/2004	0.10	U	µg/L	0.10
	PCB 1254	Grab	N	E508.1	8/11/2004	0.061	U	µg/L	0.061
	PCB 1260	Grab	N	E508.1	8/11/2004	0.091	U	µg/L	0.091
	Total PCBs	Grab	N	E508.1	8/11/2004	0.10	U	µg/L	0.10
	2,4-D	Grab	N	E515.1	8/9/2004	0.060	U	µg/L	0.060
	Dalapon	Grab	N	E515.1	8/9/2004	0.14	U	µg/L	0.14
	Dicamba	Grab	N	E515.1	8/9/2004	0.010	U	µg/L	0.010
	Dinoseb	Grab	N	E515.1	8/9/2004	0.090	U	µg/L	0.090

Data Qualifier Code Key:

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Q	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL	V	Analyte detected in the associated Method Blank

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-001

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 10:10:00 AM
Well/Sampling Point WACS:	Leachate Eff	**Report Period:**	July 2004
Well/Sampling Point Name:	Leachate Eff	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Pentachlorophenol	Grab	N	E515.1	8/9/2004	0.030	U	µg/L	0.030
	Picloram	Grab	N	E515.1	8/9/2004	0.090	U	µg/L	0.090
	2,4,5-TP (Silvex)	Grab	N	E515.1	8/9/2004	0.030	U	µg/L	0.030
	Benzene	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Bromobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Bromodichloromethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Bromoform	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	Bromomethane	Grab	N	E524.2	8/10/2004	0.15	U	µg/L	0.15
	Carbon tetrachloride	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Chloroethane	Grab	N	E524.2	8/10/2004	0.28	U	µg/L	0.28
	Chloroform	Grab	N	E524.2	8/10/2004	0.20	I	µg/L	0.070
	Chloromethane	Grab	N	E524.2	8/10/2004	0.18	U	µg/L	0.18
	2-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	4-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	Dibromochloromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Dibromomethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	o-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	m-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	p-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Dichlorodifluoromethane	Grab	N	E524.2	8/10/2004	0.16	U	µg/L	0.16
	1,1-Dichloroethane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,2-Dichloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	1,1-Dichloroethene	Grab	N	E524.2	8/10/2004	0.22	U	µg/L	0.22
	cis-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.11	U	µg/L	0.11
	trans-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Dichloromethane	Grab	N	E524.2	8/10/2004	0.27	U	µg/L	0.27
	1,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropane	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	2,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1-Dichloropropene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Ethylbenzene	Grab	N	E524.2	8/10/2004	0.30	U	µg/L	0.30
	Methyl tert-butyl ether	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-001

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 10:10:00 AM
Well/Sampling Point WACS:	Leachate Eff	**Report Period:**	July 2004
Well/Sampling Point Name:	Leachate Eff	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Monochlorobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Styrene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,1,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	1,1,2,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Tetrachloroethene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	Toluene	Grab	N	E524.2	8/10/2004	0.20	I	µg/L	0.060
	1,2,4-Trichlorobenzene	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	1,1,1-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,2-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Trichloroethene	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	Trichlorofluoromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	1,2,3-Trichloropropane	Grab	N	E524.2	8/10/2004	0.26	U	µg/L	0.26
	Vinyl chloride	Grab	N	E524.2	8/10/2004	0.17	U	µg/L	0.17
	Xylenes, Total	Grab	N	E524.2	8/10/2004	1.3		µg/L	0.13
	Aldrin	Grab	N	E525.2	8/6/2004	0.031	U	µg/L	0.031
	Benzo(a)pyrene	Grab	N	E525.2	8/6/2004	0.078	U	µg/L	0.078
	Butachlor	Grab	N	E525.2	8/6/2004	0.054	U	µg/L	0.054
77903	Di(2-ethylhexyl)adipate	Grab	N	E525.2	8/6/2004	0.23	U	µg/L	0.23
	Di(2-ethylhexyl)phthalate	Grab	N	E525.2	8/6/2004	0.50	U	µg/L	0.50
	Dieldrin	Grab	N	E525.2	8/6/2004	0.038	U	µg/L	0.038
	Metolachlor	Grab	N	E525.2	8/6/2004	0.031	U	µg/L	0.031
	Metribuzin	Grab	N	E525.2	8/6/2004	0.054	U	µg/L	0.054
	Propachlor	Grab	N	E525.2	8/6/2004	0.047	U	µg/L	0.047
	Aldicarb	Grab	N	E531.1	8/3/2004	0.38	U	µg/L	0.38
	Aldicarb sulfone	Grab	N	E531.1	8/3/2004	0.71	U	µg/L	0.71
	Aldicarb sulfoxide	Grab	N	E531.1	8/3/2004	0.71	U	µg/L	0.71
	Carbaryl	Grab	N	E531.1	8/3/2004	0.59	U	µg/L	0.59
82615	Carbofuran	Grab	N	E531.1	8/3/2004	0.57	U	µg/L	0.57
	3-Hydroxycarbofuran	Grab	N	E531.1	8/3/2004	0.57	U	µg/L	0.57
	Methiocarb	Grab	N	E531.1	8/3/2004	0.76	U	µg/L	0.76
	Methomyl	Grab	N	E531.1	8/3/2004	0.37	U	µg/L	0.37
38865	Oxamyl	Grab	N	E531.1	8/3/2004	0.73	U	µg/L	0.73
79743	Glyphosate	Grab	N	E547	7/30/2004	5.5	U	µg/L	5.5

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-001

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 10:10:00 AM
Well/Sampling Point WACS:	Leachate Eff	**Report Period:**	July 2004
Well/Sampling Point Name:	Leachate Eff	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
38926	Endothall	Grab	N	E548.1	8/5/2004	3.3	U	µg/L	3.3
04443	Diquat	Grab	N	E549.2	8/3/2004	0.35	U	µg/L	0.35
34292	Butyl benzyl phthalate	Grab	N	E625	8/9/2004	0.78	U	µg/L	0.78
34586	2-Chlorophenol	Grab	N	E625	8/9/2004	1.3	U	µg/L	1.3
34366	Diethyl phthalate	Grab	N	E625	8/9/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate	Grab	N	E625	8/9/2004	1.1	U	µg/L	1.1
39110	Di-n-butyl phthalate	Grab	N	E625	8/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	E625	8/9/2004	1.1	U	µg/L	1.1
34611	2,4-Dinitrotoluene	Grab	N	E625	8/9/2004	1.4	U	µg/L	1.4
34596	Di-n-octyl phthalate	Grab	N	E625	8/9/2004	0.69	U	µg/L	0.69
34408	Isophorone	Grab	N	E625	8/9/2004	0.99	U	µg/L	0.99
34694	Phenol	Grab	N	E625	8/9/2004	0.55	U	µg/L	0.55
34621	2,4,6-Trichlorophenol	Grab	N	E625	8/9/2004	0.93	U	µg/L	0.93
	SUB								
00948	Asbestos	Grab	N	E100.2	8/11/2004	7.4	U	MFL	7.4
01519	Alpha, Gross	Grab	N	E900.0	8/10/2004	20	U	pCi/L	20
	Radium-226	Grab	N	E903.1	8/11/2004	0.30	U	pCi/L	0.30
	Radium-228	Grab	N	RA05	8/10/2004	0.70	U	pCi/L	0.70

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-002

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:45:00 AM
Well/Sampling Point WACS:	Equipment Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Equipment Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	EQ Blank QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	INORGANICS								
00081	Color	Grab	N	E110.2	7/29/2004	5.0	U	c.u.	5.0
00086	Odor	Grab	N	E140.1	7/29/2004	8.0	*Q	t.o.n.	1.0
00403	pH	Grab	N	E150.1	7/29/2004	7.69	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	8/2/2004	1.2	U	mg/L	1.2
00940	Chloride	Grab	N	E300.0	7/29/2004	0.036	U	mg/L	0.036
00951	Fluoride	Grab	N	E300.0	7/29/2004	0.0076	U	mg/L	0.0076
00620	Nitrogen, Nitrate	Grab	N	E300.0	7/29/2004	0.0091	U	mg/L	0.0091
00615	Nitrogen, Nitrite	Grab	N	E300.0	7/29/2004	0.0091	U	mg/L	0.0091
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E300.0	7/29/2004	0.018	U	mg/L	0.018
00945	Sulfate	Grab	N	E300.0	7/29/2004	0.051	U	mg/L	0.051
38260	MBAS	Grab	N	E425.1	7/29/2004	0.024	U	mg/L	0.024
00720	Cyanide	Grab	N	SW9012	8/4/2004	0.0027	U	mg/L	0.0027
	METALS								
01105	Aluminum	Grab	N	SW6010	8/2/2004	12	U	µg/L	12
01002	Arsenic	Grab	N	SW6010	8/2/2004	2.0	U	µg/L	2.0
01007	Barium	Grab	N	SW6010	8/2/2004	0.18	IV	µg/L	0.074
01012	Beryllium	Grab	N	SW6010	8/2/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	8/2/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	8/2/2004	0.68	I	µg/L	0.60
01042	Copper	Grab	N	SW6010	8/2/2004	0.58	U	µg/L	0.58
01045	Iron	Grab	N	SW6010	8/2/2004	13	U	µg/L	13
01051	Lead	Grab	N	SW6010	8/2/2004	1.8	U	µg/L	1.8
01055	Manganese	Grab	N	SW6010	8/2/2004	0.38	U	µg/L	0.38
01067	Nickel	Grab	N	SW6010	8/2/2004	2.0	U	µg/L	2.0
01147	Selenium	Grab	N	SW6010	8/2/2004	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	8/2/2004	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	8/2/2004	400	I	µg/L	230
01092	Zinc	Grab	N	SW6010	8/2/2004	2.3	U	µg/L	2.3
01097	Antimony	Grab	N	SW7041	8/6/2004	0.35	U	µg/L	0.35
71900	Mercury	Grab	N	SW7470	8/3/2004	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	8/6/2004	0.25	U	µg/L	0.25

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-002

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:45:00 AM
Well/Sampling Point WACS:	Equipment Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Equipment Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	EQ Blank QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	ORGANICS								
38760	1,2-Dibromo-3-chloropropane	Grab	N	E504.1	8/10/2004	0.0041	U	µg/L	0.0041
77651	1,2-Dibromoethane	Grab	N	E504.1	8/10/2004	0.0038	U	µg/L	0.0038
	Alachlor	Grab	N	E508.1	8/10/2004	0.023	U	µg/L	0.023
	Atrazine	Grab	N	E508.1	8/10/2004	0.13	U	µg/L	0.13
	gamma-BHC	Grab	N	E508.1	8/10/2004	0.0060	U	µg/L	0.0060
	Chlordane	Grab	N	E508.1	8/10/2004	0.080	U	µg/L	0.080
	Endrin	Grab	N	E508.1	8/10/2004	0.0080	U	µg/L	0.0080
	Heptachlor	Grab	N	E508.1	8/10/2004	0.0080	U	µg/L	0.0080
	Heptachlor epoxide	Grab	N	E508.1	8/10/2004	0.0060	U	µg/L	0.0060
	Hexachlorobenzene	Grab	N	E508.1	8/10/2004	0.0080	U	µg/L	0.0080
	Hexachlorocyclopentadiene	Grab	N	E508.1	8/10/2004	0.018	U	µg/L	0.018
	Methoxychlor	Grab	N	E508.1	8/10/2004	0.0090	U	µg/L	0.0090
	Simazine	Grab	N	E508.1	8/10/2004	0.24	U	µg/L	0.24
	Toxaphene	Grab	N	E508.1	8/10/2004	0.10	U	µg/L	0.10
	PCB 1016	Grab	N	E508.1	8/10/2004	0.10	U	µg/L	0.10
	PCB 1221	Grab	N	E508.1	8/10/2004	0.10	U	µg/L	0.10
	PCB 1232	Grab	N	E508.1	8/10/2004	0.080	U	µg/L	0.080
	PCB 1242	Grab	N	E508.1	8/10/2004	0.090	U	µg/L	0.090
	PCB 1248	Grab	N	E508.1	8/10/2004	0.10	U	µg/L	0.10
	PCB 1254	Grab	N	E508.1	8/10/2004	0.060	U	µg/L	0.060
	PCB 1260	Grab	N	E508.1	8/10/2004	0.090	U	µg/L	0.090
	Total PCBs	Grab	N	E508.1	8/10/2004	0.10	U	µg/L	0.10
	2,4-D	Grab	N	E515.1	8/6/2004	0.060	U	µg/L	0.060
	Dalapon	Grab	N	E515.1	8/6/2004	0.14	U	µg/L	0.14
	Dicamba	Grab	N	E515.1	8/6/2004	0.010	U	µg/L	0.010
	Dinoseb	Grab	N	E515.1	8/6/2004	0.090	U	µg/L	0.090
	Pentachlorophenol	Grab	N	E515.1	8/6/2004	0.030	U	µg/L	0.030
	Picloram	Grab	N	E515.1	8/6/2004	0.090	U	µg/L	0.090
	2,4,5-TP (Silvex)	Grab	N	E515.1	8/6/2004	0.030	U	µg/L	0.030
	Benzene	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Bromobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080

Data Qualifier Code Key:

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-002

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:45:00 AM
Well/Sampling Point WACS:	Equipment Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Equipment Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	EQ Blank QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Bromodichloromethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Bromoform	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	Bromomethane	Grab	N	E524.2	8/10/2004	0.15	U	µg/L	0.15
	Carbon tetrachloride	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Chloroethane	Grab	N	E524.2	8/10/2004	0.28	U	µg/L	0.28
	Chloroform	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Chloromethane	Grab	N	E524.2	8/10/2004	0.18	U	µg/L	0.18
	2-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	4-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	Dibromochloromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Dibromomethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	o-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	m-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	p-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Dichlorodifluoromethane	Grab	N	E524.2	8/10/2004	0.16	U	µg/L	0.16
	1,1-Dichloroethane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,2-Dichloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	1,1-Dichloroethene	Grab	N	E524.2	8/10/2004	0.22	U	µg/L	0.22
	cis-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.11	U	µg/L	0.11
	trans-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Dichloromethane	Grab	N	E524.2	8/10/2004	0.32	I	µg/L	0.27
	1,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropane	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	2,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1-Dichloropropene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Ethylbenzene	Grab	N	E524.2	8/10/2004	0.30	U	µg/L	0.30
	Methyl tert-butyl ether	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Monochlorobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Styrene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,1,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	1,1,2,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Tetrachloroethene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090

Data Qualifier Code Key:

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Q	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL	V	Analyte detected in the associated Method Blank

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-002

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:45:00 AM
Well/Sampling Point WACS:	Equipment Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Equipment Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	EQ Blank QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Toluene	Grab	N	E524.2	8/10/2004	0.19	I	µg/L	0.060
	1,2,4-Trichlorobenzene	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	1,1,1-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,2-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Trichloroethene	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	Trichlorofluoromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	1,2,3-Trichloropropane	Grab	N	E524.2	8/10/2004	0.26	U	µg/L	0.26
	Vinyl chloride	Grab	N	E524.2	8/10/2004	0.17	U	µg/L	0.17
	Xylenes, Total	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Aldrin	Grab	N	E525.2	8/6/2004	0.031	U	µg/L	0.031
	Benzo(a)pyrene	Grab	N	E525.2	8/6/2004	0.078	U	µg/L	0.078
	Butachlor	Grab	N	E525.2	8/6/2004	0.054	U	µg/L	0.054
77903	Di(2-ethylhexyl)adipate	Grab	N	E525.2	8/6/2004	0.23	U	µg/L	0.23
	Di(2-ethylhexyl)phthalate	Grab	N	E525.2	8/6/2004	0.50	U	µg/L	0.50
	Dieldrin	Grab	N	E525.2	8/6/2004	0.038	U	µg/L	0.038
	Metolachlor	Grab	N	E525.2	8/6/2004	0.031	U	µg/L	0.031
	Metribuzin	Grab	N	E525.2	8/6/2004	0.054	U	µg/L	0.054
	Propachlor	Grab	N	E525.2	8/6/2004	0.047	U	µg/L	0.047
	Aldicarb	Grab	N	E531.1	8/4/2004	0.38	U	µg/L	0.38
	Aldicarb sulfone	Grab	N	E531.1	8/4/2004	0.71	U	µg/L	0.71
	Aldicarb sulfoxide	Grab	N	E531.1	8/4/2004	0.71	U	µg/L	0.71
	Carbaryl	Grab	N	E531.1	8/4/2004	0.59	U	µg/L	0.59
82615	Carbofuran	Grab	N	E531.1	8/4/2004	0.57	U	µg/L	0.57
	3-Hydroxycarbofuran	Grab	N	E531.1	8/4/2004	0.57	U	µg/L	0.57
	Methiocarb	Grab	N	E531.1	8/4/2004	0.76	U	µg/L	0.76
	Methomyl	Grab	N	E531.1	8/4/2004	0.37	U	µg/L	0.37
38865	Oxamyl	Grab	N	E531.1	8/4/2004	0.73	U	µg/L	0.73
79743	Glyphosate	Grab	N	E547	7/30/2004	5.5	U	µg/L	5.5
38926	Endothall	Grab	N	E548.1	8/5/2004	3.3	U	µg/L	3.3
04443	Diquat	Grab	N	E549.2	8/3/2004	0.35	U	µg/L	0.35
34292	Butyl benzyl phthalate	Grab	N	E625	8/9/2004	0.78	U	µg/L	0.78
34586	2-Chlorophenol	Grab	N	E625	8/9/2004	1.3	U	µg/L	1.3
34366	Diethyl phthalate	Grab	N	E625	8/9/2004	1.4	U	µg/L	1.4

Data Qualifier Code Key:
- * Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded
- U Not Detected Above the MDL
- I Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- V Analyte detected in the associated Method Blank

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-002

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:45:00 AM
Well/Sampling Point WACS:	Equipment Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Equipment Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	EQ Blank QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34341	Dimethyl phthalate	Grab	N	E625	8/9/2004	1.1	U	µg/L	1.1
39110	Di-n-butyl phthalate	Grab	N	E625	8/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	E625	8/9/2004	1.1	U	µg/L	1.1
34611	2,4-Dinitrotoluene	Grab	N	E625	8/9/2004	1.4	U	µg/L	1.4
34596	Di-n-octyl phthalate	Grab	N	E625	8/9/2004	0.69	U	µg/L	0.69
34408	Isophorone	Grab	N	E625	8/9/2004	0.99	U	µg/L	0.99
34694	Phenol	Grab	N	E625	8/9/2004	0.55	U	µg/L	0.55
34621	2,4,6-Trichlorophenol	Grab	N	E625	8/9/2004	0.93	U	µg/L	0.93
	SUB								
00948	Asbestos	Grab	N	E100.2	8/11/2004	0.18	U	MFL	0.18
01519	Alpha, Gross	Grab	N	E900.0	8/10/2004	0.80	U	pCi/L	0.80
	Radium-226	Grab	N	E903.1	8/11/2004	0.30	U	pCi/L	0.30
	Radium-228	Grab	N	RA05	8/10/2004	0.70	U	pCi/L	0.70

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Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-003

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:40:00 AM
Well/Sampling Point WACS:	Travel Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Travel Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Trip QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	ORGANICS								
	Benzene	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Bromobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Bromodichloromethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Bromoform	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	Bromomethane	Grab	N	E524.2	8/10/2004	0.15	U	µg/L	0.15
	Carbon tetrachloride	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Chloroethane	Grab	N	E524.2	8/10/2004	0.28	U	µg/L	0.28
	Chloroform	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Chloromethane	Grab	N	E524.2	8/10/2004	0.18	U	µg/L	0.18
	2-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	4-Chlorotoluene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	Dibromochloromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Dibromomethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	o-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	m-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	p-Dichlorobenzene	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	Dichlorodifluoromethane	Grab	N	E524.2	8/10/2004	0.16	U	µg/L	0.16
	1,1-Dichloroethane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,2-Dichloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	1,1-Dichloroethene	Grab	N	E524.2	8/10/2004	0.22	U	µg/L	0.22
	cis-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.11	U	µg/L	0.11
	trans-1,2-Dichloroethene	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Dichloromethane	Grab	N	E524.2	8/10/2004	0.27	U	µg/L	0.27
	1,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropane	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	2,2-Dichloropropane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1-Dichloropropene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	1,3-Dichloropropene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Ethylbenzene	Grab	N	E524.2	8/10/2004	0.30	U	µg/L	0.30
	Methyl tert-butyl ether	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	Monochlorobenzene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080

Data Qualifier Code Key:

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Q	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL	V	Analyte detected in the associated Method Blank

Leachate Treatment Plant
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: F04070923
Sample Number: F04070923-003

Facility WACS:	SELF Treatment EFF	**Sample Date/Time:**	7/28/2004 9:40:00 AM
Well/Sampling Point WACS:	Travel Blank	**Report Period:**	July 2004
Well/Sampling Point Name:	Travel Blank	**Well Purged:**	YES
Classification of Groundwater:	G-II	**Well Type:**	Trip QC
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
	Styrene	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,1,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.070	U	µg/L	0.070
	1,1,2,2-Tetrachloroethane	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13
	Tetrachloroethene	Grab	N	E524.2	8/10/2004	0.090	U	µg/L	0.090
	Toluene	Grab	N	E524.2	8/10/2004	0.060	U	µg/L	0.060
	1,2,4-Trichlorobenzene	Grab	N	E524.2	8/10/2004	0.10	U	µg/L	0.10
	1,1,1-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	1,1,2-Trichloroethane	Grab	N	E524.2	8/10/2004	0.080	U	µg/L	0.080
	Trichloroethene	Grab	N	E524.2	8/10/2004	0.14	U	µg/L	0.14
	Trichlorofluoromethane	Grab	N	E524.2	8/10/2004	0.12	U	µg/L	0.12
	1,2,3-Trichloropropane	Grab	N	E524.2	8/10/2004	0.26	U	µg/L	0.26
	Vinyl chloride	Grab	N	E524.2	8/10/2004	0.17	U	µg/L	0.17
	Xylenes, Total	Grab	N	E524.2	8/10/2004	0.13	U	µg/L	0.13

Data Qualifier Code Key:

*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Q	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recovery limits
U	Not Detected Above the MDL	V	Analyte detected in the associated Method Blank

EMSL Analytical, Inc.
19501 NE 10th Ave. Bay A, N. Miami Beach, FL 33179
Phone: (305) 650-0577 Fax: (305) 650-0578 Email: miamilab@emsl.com

Attn: **Cynthia Green**
ELAB, Inc.
8 East Tower Circle
Ormond Beach, FL 32174

Fax: (386) 673-4001 Phone: (386) 672-5668
Project: 04-1223

RECEIVED AUG

Customer ID: ELAB50
Customer PO:
Received: 08/02/04 10:30 AM
EMSL Order: 170403104
EMSL Proj:
Analysis Date: 8/11/2004
Report Date: 8/12/2004

Determination of Asbestos Structures in Water Performed by the 100.2 Method (EPA/600/R-94/134)

Sample ID	Prep Date	# Fibers Asbestos	Type(s) Of Asbestos	Area Analyzed (mm2)	Analytical Sensitivity (MFL)	Confidence Limits	Effective Filter Area (mm2)	Concentration Of Asbestos Fibers (MFL)	Comments
F01070923-001P *170403104-0001*	08/02/04 1:30PM	0		0.14	7.40	0.00-27.00	1033	<7.40	
F01070923-002P *170403104-0002*	08/02/04 1:30PM	0		0.056	0.18	0.00-0.68	1033	<0.18	

Analyst(s)
Stephen Bennett (2)

Kimberly A. Wallace
Laboratory Manager
or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um. ND=None Detected. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc. The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to those items tested.
ACCREDITATIONS: NVLAP 200204-0, FL Lab ID: DOH E86795

Any questions please contact Kim Wallace

THIS IS THE LAST PAGE OF RESULTS. COC TO FOLLOW.

Florida Radiochemistry Services, Inc.

Analysis Report

Lab Sample I.D.	0408009-01	0408009-02
Client I.D.	F04070923-001O	F04070923-002O
Gross Alpha	<20.4 **	<0.8
Error +/-	13.0	0.5
MDL	20.4	0.8
EPA Method	900.0	900.0
Prep Date	08/09/04	08/09/04
Prep Time	10:00	10:00
Analysis Date	08/10/04	08/10/04
Analysis Time	15:35	06:46
Analyst	MJN	MJN
Radium 226	<0.3	<0.3
Error +/-	0.2	0.1
MDL	0.3	0.3
EPA Method	903.1	903.1
Prep Date	08/05/04	08/05/04
Prep Time	10:00	10:00
Analysis Date	08/11/04	08/11/04
Analysis Time	09:39	09:39
Analyst	MJN	MJN
Radium 228	<0.7	<0.7
Error +/-	0.5	0.4
MDL	0.7	0.7
EPA Method	Ra-05	Ra-05
Prep Date	08/05/04	08/05/04
Prep Time	10:00	10:00
Analysis Date	08/10/04	08/10/04
Analysis Time	11:58	11:58
Analyst	PJ	PJ
Units	pCi/l	pCi/l

** See Case Narrative

Florida Radiochemistry Services, Inc.

QA Page

Analyte	Sample #	Date Analyzed	Sample Result	Amount Spiked	Spike Result	Spike /Dup Result	Spike % Rec.	Spike Dup % Rpd
Gross Alpha	0408005-01	08/10/04	2.1	10.2	11.7	11.6	94	0.9
Radium 226	0408010-01	08/11/04	0.3	23.5	25.7	25.4	108	1.2
Radium 228	0408010-01	08/10/04	<0.8	6.3	6.1	5.8	97	5.0

	Quality Control Limits
	% RPD
Gross Alpha	15.9
Radium 226	21.1
Radium 228	18-1

	Limits
	% Rec.
Gross Alpha	69-115
Radium 226	73-117
Radium 228	75-125

Florida Radiochemistry Services, Inc.

Case Narrative

NOTE: ** Gross Alpha:

Sample 0408009-01 had an elevated detection limit and/or counting error ue to a low volume of sample used. The sample had high TDS (Total Dissolved Solids). The high TDS interferes with the sample counting efficiency. This is caused by the solids absorbing the sample activity (Sample self-absorption). The sample counting efficiency is decreased because of this. Therefore, the counting time was increased (the sample was counted over night or as long as possible) to help reduce the detection limit and counting error.

Environmental Consultants

3012 U.S. Highway 301 North
Suite 700
Tampa, FL 33619-2242

813 621-0080
FAX 813 623-6757

100194
LR

SCS ENGINEERS

D.E.P.
JUL 27 2004
Southwest District Tampa

July 27, 2004
File No. 09200020.14

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Effluent Test Report, Southeast County Landfill, Permit No.: 35435-006-SO

Dear Ms. Pelz:

On behalf of the Hillsborough County Solid Waste Management Department (SWMD), SCS Engineers (SCS) is submitting the following test results. In compliance with the Operation Permit Specific Condition No. 41, attached find the effluent test data for the Leachate Treatment and Reclamation Facility (LTRF). Based on the test results, the LTRF has generally achieved the design treatment goals.

As you are aware, the SWMD initiated startup of the LTRF in October 2003. However, the SWMD brought the LTRF down in December 2003 to conduct the mandatory inspection and evaluation of the system tankage in accordance with the Permit. The inspection was completed and minor repairs were conducted during February and March 2004. On April 19, 2004, the LTRF was returned to service. During May and June 2004, the SWMD worked to stabilize the LTRF and performed effluent sampling and analysis (see Attached Table 1). Now that the LTRF operation has stabilized, the SWMD will initiate the quarterly and semi-annual reporting as required by Specific Conditions No. 32.a, b, and c.

During the week of July 25, 2004, the SWMD will sample the effluent for primary and secondary drinking water standards and priority pollutants as required by the Permit Specific Condition No. 32.a. The tests results will be submitted to the FDEP promptly after they are available.

Please do not hesitate to call if you have any questions or need additional information.

Very truly yours,

Larry E. Ruiz, Assoc. AIA
Project Manager
SCS ENGINEERS

Raymond J. Dever, P.E., DEE
Vice President
SCS ENGINEERS

cc: Patricia Berry, SWMD
Ron Cope, EPC

LER/RJD:lr

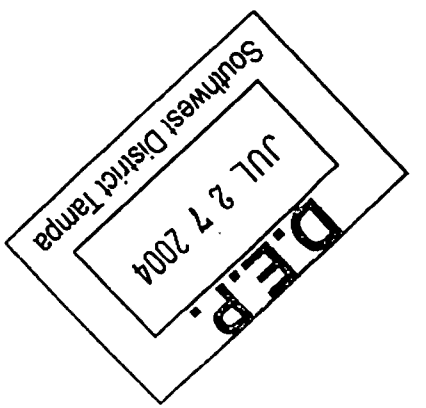
Enclosure

TABLE 1 - LTRF EFFLUENT ANALYTICAL DATA SUMMARY

Parameter	Operational Treatment Goals	Sample Date Result				
		5/19/04	5/26/04	6/2/04	6/9/04	Unit
Ammonia		0.66	0.22	0.084	0.25	mg/L
Biochemical Oxygen Demand (5-day)		3.6	54	2.5	2.3	mg/L O_2
Chemical Oxygen Demand (COD)	Monitor	290	200	330	390	mg/L
Cyanide, Total		BDL[1]	0.004	0.005	0.007	mg/L
Nitrate (as N)	Not more than 12 mg/L	12	BDL	65[2]	95[2]	mg/L
Nitrite (as N)		0.17	BDL	BDL	BDL	mg/L
pH	6.5-8.5	8.13	8.19	8.08	7.96	pH units
Total Kjeldhal Nitrogen (TKN) (as N)	Not more than 12 mg/L	8.2	10	11	9.4	mg/L
Total Phosphorous		3.6	4.0	5.8	7.8	mg/L
Total Suspended Solids (TSS)	SS less than or equal to 30 mg/L	26	26	36[2]	27	mg/L

Note:

1. BDL = Below Detection Limits
2. Exceeds effluent daily treatment goal.



Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Hillsborough County S.E. Landfill
Project Name: Leachate Plant

Report No.: T044974
Date/Time Received: 5/19/04 10:00

Lab Code: T044974-01
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/19/04 9:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	3.6	mg/L O2		E405.1		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T044974-02
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/19/04 9:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Suspended Solids (TSS)	1	2.0	2.0	26	mg/L		E160.2		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T044974-04
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/19/04 9:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.026	0.10	0.66	mg/L		E350.1		T
Chemical Oxygen Demand (COD)	1	11	46	290	mg/L		E410.4		T
Total Kjeldahl Nitrogen (as N)	5	0.24	0.97	8.2	mg/L		E351.2		T
Total Phosphorus (as P)	1	0.043	0.17	3.6	mg/L		E365.4		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T044974-05
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/19/04 9:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Nitrate (as N)	5	0.14	0.54	12	mg/L		SM4500NO3-F		T
Nitrite (as N)	5	0.17	0.68	0.17	mg/L	U	SM4500NO3-F		T

U The compound was analyzed for but not detected.
T DOH certification #E84589 (AEL-Tampa)

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

Advanced Environmental Laboratories Inc.
9610 Princess Palm Avenue
Tampa, FL 33619-

May 25, 2004
Project No: 42403

Laboratory Report

Project Name T044972-974

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Sample Description		T044972-01					
Matrix		Wastewater					
SAL Sample Number		42403.01					
Date/Time Collected		05/19/04 09:00					
Date/Time Received		05/20/04 09:20					
Inorganics							
Cyanide, Total	mg/l	0.013	EPA 335.2	0.003	05/24/04 15:45	05/24/04 11:10	JEH
Sample Description		T044973-01					
Matrix		Wastewater					
SAL Sample Number		42403.02					
Date/Time Collected		05/19/04 09:00					
Date/Time Received		05/20/04 09:20					
Inorganics							
Cyanide, Total	mg/l	0.005	EPA 335.2	0.003	05/25/04 14:10	05/25/04 09:30	NLB
Sample Description		T044974-01					
Matrix		Wastewater					
SAL Sample Number		42403.03					
Date/Time Collected		05/19/04 09:00					
Date/Time Received		05/20/04 09:20					
Inorganics							
Cyanide, Total	mg/l	0.003 U	EPA 335.2	0.003	05/25/04 14:10	05/25/04 09:30	NLB

P.S

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Hillsborough County S.E. Landfill
Project Name: Leachate Plant

Report No.: T045244
Date/Time Received: 5/26/04 9:00

Lab Code: T045244-01
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/26/04 7:15
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	54	mg/L O2		E405.1		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045244-02
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/26/04 7:15
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	200	5.1	20	0.22	mg/L		E350.1		T
Chemical Oxygen Demand (COD)	1	11	46	200	mg/L		E410.4		T
Total Kjeldahl Nitrogen (as N)	5	0.24	0.97	10	mg/L		E351.2		T
Total Phosphorus (as P)	1	0.043	0.17	4.0	mg/L		E365.4		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045244-03
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 5/26/04 7:15
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Suspended Solids (TSS)	1	2.0	2.0	26	mg/L		E160.2		T

T DOH certification #E84589 (AEL-Tampa)

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2219

Advanced Environmental Laboratories Inc.
9610 Princess Palm Avenue
Tampa, FL 33618

June 3, 2004
Project No: 42569

Laboratory Report

Project Name	T045243
Sample Description	T045243-05
Matrix	Wastewater
SAL Sample Number	42569.01
Date/Time Collected	05/28/04 07:25
Date/Time Received	05/28/04 10:43

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Inorganics							
Cyanide, Total	mg/l	0.004	EPA 335.2	0.003	06/03/04 15:30	06/03/04 12:00	NLB

FDOH Laboratory No. E84129
NELAP Accredited

Francis I. Daniels, Laboratory Director
Leslie C. Boardman, Q. A. Manager

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Hillsborough County S.E. Landfill
Project Name: Leachate Plant

Report No.: T045479
Date/Time Received: 6/2/04 9:45

Lab Code: T045479-01
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 6/2/04 8:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	2.5	mg/L O2		E405.1		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045479-02
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 6/2/04 8:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Suspended Solids (TSS)	1	2.0	2.0	36	mg/L		E160.2		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045479-04
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 6/2/04 8:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.026	0.10	0.084	mg/L	i	E350.1		T
Chemical Oxygen Demand (COD)	1	11	46	330	mg/L		E410.4		T
Total Kjeldahl Nitrogen (as N)	5	0.24	0.97	11	mg/L		E351.2		T
Total Phosphorus (as P)	1	0.043	0.17	5.8	mg/L		E365.4		T

i The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045479-05
Client Sample ID: Effluent
Site: WWTP
Matrix: Water

Date/Time Sampled: 6/2/04 8:00
Shipping Method: Client drop off
Sampled By: Dan Orlosky
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Nitrate (as N)	25	0.68	2.7	65	mg/L		SM4500NO3-F		T
Nitrite (as N)	10	0.34	1.4	0.34	mg/L	U	SM4500NO3-F		T

U The compound was analyzed for but not detected.
T DOH certification #E84589 (AEL-Tampa)

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

Advanced Environmental Laboratories Inc.
9610 Princess Palm Avenue
Tampa, FL 33619

June 10, 2004
Project No: 42696

Laboratory Report

Project Name	T045479
Sample Description	T045479-03
Matrix	Wastewater
SAL Sample Number	42696.01
Date/Time Collected	06/02/04 08:00
Date/Time Received	06/04/04 10:50

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Inorganics							
Cyanide, Total	mg/l	0.005	EPA 335.2	0.003	06/09/04 15:30	06/09/04 11:30	NLB

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Hillsborough County S.E. Landfill
Project Name: Leachate Plant
Report No.: T045797
Date/Time Received: 6/9/04 12:30

Lab Code: T045797-01
Client Sample ID: Effluent
Site: WWTP
Matrix: Water
Date/Time Sampled: 6/9/04 7:20
Shipping Method: Client drop off
Sampled By: V B
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
BOD (5-day)	1	2.0	2.0	2.3	mg/L O2		E405.1		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045797-02
Client Sample ID: Effluent
Site: WWTP
Matrix: Water
Date/Time Sampled: 6/9/04 7:20
Shipping Method: Client drop off
Sampled By: V B
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Total Suspended Solids (TSS)	1	2.0	2.0	27	mg/L		E160.2		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045797-04
Client Sample ID: Effluent
Site: WWTP
Matrix: Water
Date/Time Sampled: 6/9/04 7:20
Shipping Method: Client drop off
Sampled By: V B
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Ammonia (as N)	1	0.026	0.10	0.25	mg/L		E350.1		T
Chemical Oxygen Demand (COD)	1	11	46	390	mg/L		E410.4		T
Total Kjeldahl Nitrogen (as N)	5	0.24	0.97	9.4	mg/L		E351.2		T
Total Phosphorus (as P)	1	0.043	0.17	7.8	mg/L		E365.4		T

T DOH certification #E84589 (AEL-Tampa)

Lab Code: T045797-05
Client Sample ID: Effluent
Site: WWTP
Matrix: Water
Date/Time Sampled: 6/9/04 7:20
Shipping Method: Client drop off
Sampled By: V B
Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Nitrate (as N)	25	0.68	2.7	95	mg/L		SM4500NO3-F		T
Nitrite (as N)	25	0.85	3.4	0.85	mg/L	U	SM4500NO3-F		T

U The compound was analyzed for but not detected.
T DOH certification #E84589 (AEL-Tampa)

SOUTHERN ANALYTICAL LABORATORIES, INC.
110 BAYVIEW BOULEVARD, OLDSMAR, FL 34677 813-855-1844 fax 813-855-2218

Advanced Environmental Laboratories Inc.
9610 Princess Palm Avenue
Tampa, FL 33619

June 24, 2004
Project No: 43000

Laboratory Report

Project Name	T045797
Sample Description	T045797-03
Matrix	Wastewater
SAL Sample Number	43000.01
Date/Time Collected	06/09/04 07:20
Date/Time Received	06/18/04 10:14

Parameters	Units	Results	Method	Detection Limit	Date/Time Analyzed	Date/Time Prep	Analyst
Inorganics							
Cyanide, Total	mg/l	0.007	EPA 335.2	0.005	06/22/04 16:45		NLB

Environmental Consultants

3012 U.S. Highway 301 N
Suite 700
Tampa, FL 33619-2242

813 621-0080
FAX 813 623-6757

SCS ENGINEERS

July 27, 2001
File No. 09200020.11

Mr. John R. Morris, P.G.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Subject: Hillsborough County Southeast Landfill
Pending Permit No.: 35435-006-SO

Dear Mr. Morris:

In response to your Memorandum on the Hillsborough County Southeast County Landfill Operation Permit Renewal Application (dated June 1, 2001) – Comment 4, this letter has been written to provide the revised Table K-1 – LTRF Leachate Influent/Effluent Analytical Data. The revised Table includes the requested analytical data on chemical oxygen demand (COD) and nitrates for the effluent from the Leachate Treatment and Reclamation Facility (LTRF).

The revised Table K-1 information for LTRF effluent COD and nitrate parameters were compiled using test data from February 2000 through August 2000. In addition, Table K-1 was revised to include the average and median values for the effluent.

If you have any questions on the revised Table K-1, information, please do not hesitate to contact SCS Engineers.

Sincerely,

Charles B. Knotts, P.E.
Senior Project Engineer
SCS ENGINEERS

Larry E. Ruiz, Assoc. AIA
Project Manager
SCS ENGINEERS

CBK/LER:jlh

Attachment

cc. Patricia V. Berry, HCSWMD
Susan Pelz, P.E., FDEP
Paul Schipfer, EPC

TABLE K.1 - LTRF LEACHATE/EFFLUENT ANALYTICAL DATA

Parameter	WWTP Pretreatment Limits mg/L	Operational Treatment Goals	Leachate Analysis mg/L				Effluent Analysis mg/L			
			low	high	average	median	low	high	average	median
CBOD[1]	Report		6	24	14	12	4	27	12.67	11.5
COD[2]	Report		155	510	270	287	48	709	268	204
Total Kjeldahl Nitrogen, TKN	Report	<5	52.6	454	210.94	175	1.7	51.3	9.94	3.3
Nitrate[3]	Report	<5	20	172	59	60	1.8	35.8	11.0	8.3
Total Suspended Solids, TSS	Report	<20	12	38	29.86	34	11	86	31.86	24
Total Dissolved Solids, TDS	Not Required		1,260	7,340	4,902	5,000	4,740	5,150	4,945	4,945
Total Phosphorous, TP	Report		0.28	1.25	0.61	0.56	0.06	4.45	1.22	0.39
Antimony, Sb	Report		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Arsenic, As	0.05		0.0025	0.006	0.00	0.0025	0.0025	0.007	0.003	0.0025
Beryllium, Be	Report		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium, Cd	0.05		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Chromium, Cr (T)	1.5		0.003	0.008	0.01	0.007	0.002	0.005	0.004	0.004
Copper, Cu	1.2		0.0025	0.066	0.02	0.013	0.012	0.033	0.023	0.022
Cyanide, CN	0.15		0.0025	0.016	0.01	0.006	0.0025	0.012	0.004	0.0025
Lead, Pb	1.0		<0.004	<0.004	<0.004	<0.004	0.002	0.004	0.002	0.002
Manganese, Mn	1.0		0.304	0.43	0.38	0.378	0.006	0.041	0.02	0.012
Mercury, Hg	0.005		<0.002	<0.002	<0.002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel, Ni	1.0		0.023	0.417	0.09	0.046	0.0222	0.056	0.04	0.043
TRPH[4]	100		0.05	0.6	0.24	0.2	0.05	0.1	0.06	0.05
Selenium, Se	0.02		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Silver, Ag	0.4		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Molybdenum, Mo	Report		0.0025	0.006	0.00	0.0025	0.0025	0.008	0.00	0.005
Zinc, Zn	3.0		0.0125	0.22	0.05	0.0125	0.0125	0.767	0.27	0.202
TTO[5]	2.13		0.0011	0.1865	0.04	0.01	0.001	0.025	0.013	0.013
pH	5.5 to 8.5	6.5 to 8.5	7.34	7.52	7.45	7.46	5.55	7.85	7.11	7.35

Notes

1. CBOD = Carbonaecous Biochemical Oxygen Demand
2. COD = Chemical Oxygen Demand
3. Leachate Analysis range values on Treated Leachate after first stage aeration.
4. TRPH = Total Residual Petroleum Hydrocarbons
5. TTO = Total Toxic Organics
6. ND = None Detected

J. Morris (W)

leachate 100494

DEP Form # 62-522.900(2)
Form Title Ground Water Monitoring Report
Effective Date
DEP Application No.

JRM 1/29/02

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

RECEIVED
DEC 07 2001
By

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name SOUTHEAST LANDFILL

Address 15960 C. R. 672

City PICNIC, FL Zip 33503

Telephone Number (813) 671-7707

(2) The GMS Identification Number 4029C30075

(3) DEP Permit Number SO29-256427

(4) Authorized Representative Name DARYL H. SMITH, DIRECTOR, SOLID WASTE MANAGEMENT DEPT

Address P O BOX 1110

City TAMPA, FLORIDA Zip 33601

Telephone Number (813) 276-2900

(5) Type of Discharge GROUNDWATER – POTENTIAL ONLY

(6) Method of Discharge LANDFILL

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: 12/3/01

Signature of Owner or Authorized Repre

OMIT BICARBONATE
ELEVATED MDLs REPORTED FOR - METHYL ETHYL KETONE

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 860198

Analytical Lab Comp QAP # /HRS Certification # 83160

*Comp QAP # /HRS Certification #

Lab Name ELAB, INC

Address 3365 E COLONIAL DRIVE, ORLANDI, FL 32807 - 8 E. TOWER CIRCLE , ORMOND BEACH, FL 32174

Phone Number (904) 672-5668

AUGUST 2001 SAMPLING EVENT

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

December 3, 2001

Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: Southeast County Landfill
Semi-Annual Analytical Data Report, August 2001
Permit #S029-256427

Dear Mr. Morris:

In accordance with Landfill Operation Permit No. SO29-256427, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data report (ADR) for the semi-annual water quality monitoring at the Southeast County Landfill. Samples were collected by the SWMD during August 20-22, 2001, and were analyzed by our contract laboratory, Elab, Inc. Due to problems at the laboratory, the Southeast Landfill surface water sites were unable to be analyzed for chemical oxygen demand (COD). The holding time for COD (five days) had expired, therefore the analyses were not conducted. The SWMD and Elab will ensure that COD is properly analyzed for during the February 2002 semiannual sampling event.

Enclosed for your review, please find the copies of the letters sent to the owners of the private wells, a sampling site location map, the analytical data summary tables, a groundwater elevation data summary table, a surficial aquifer groundwater elevation contour diagram, and the complete laboratory analytical data report sheets.

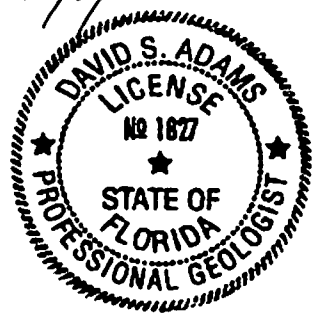
groundwater, surface water & private well data filed separately SS

Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

Sincerely,

David S. Adams 12/3/01

David S. Adams, P.G.
Environmental Manager
Solid Waste Management



DSA/kb
Enclosures

xc: Daryl Smith, Director, SWMD
Patricia Berry, Section Manager, SWMD
Matt Mathews, Landfill Manager, SWMD
C. Lee Smith, District Landfill Manager, WM, Southeast Landfill
Carolyn McCreedy, Engineer, WM, Southeast Landfill
Larry Ruiz, Project Manager, SCS Engineers
Chongman Lee , Department of Environmental Protection
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

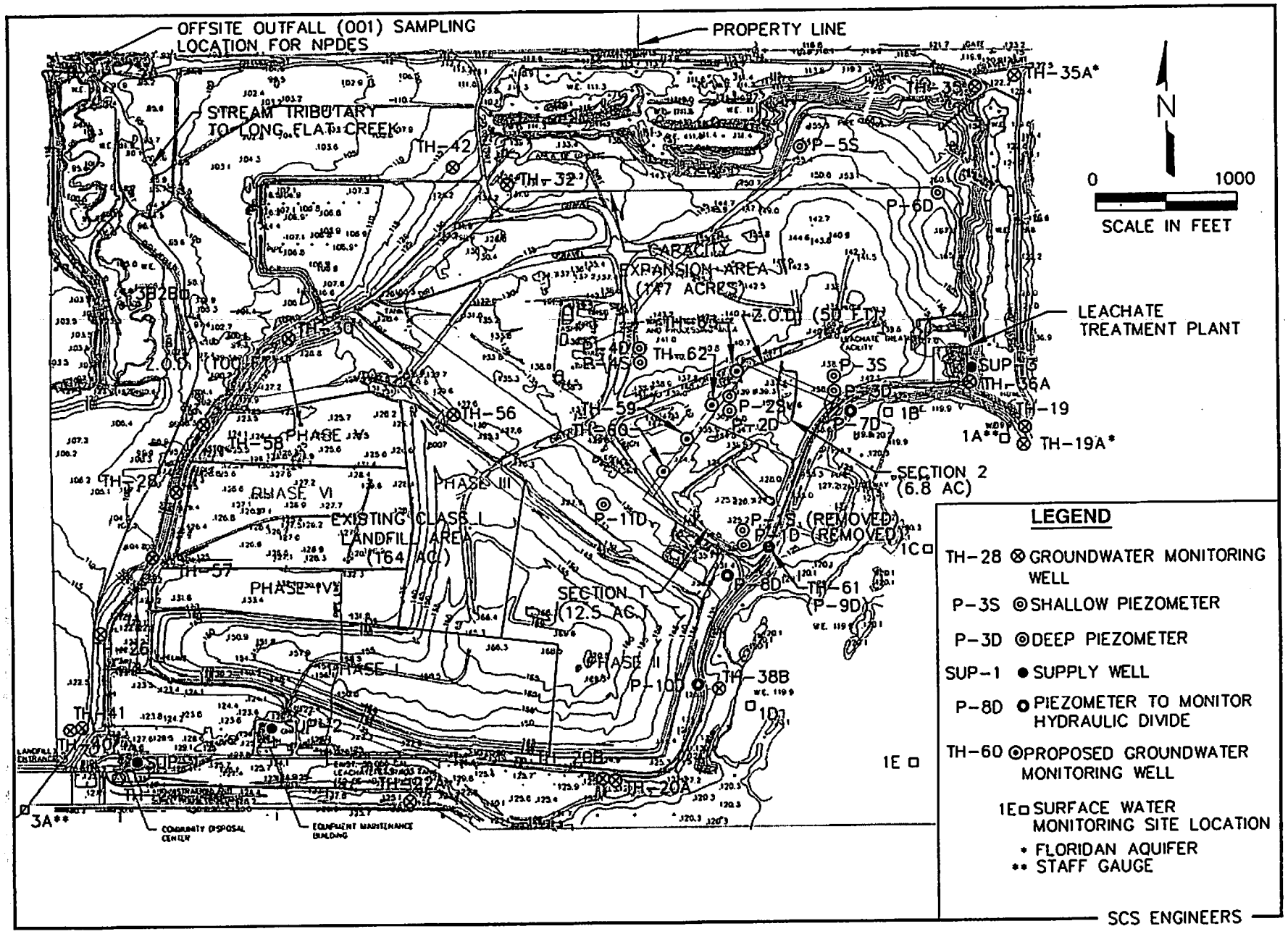


Figure 2-1. Location of Monitoring Wells, Piezometers, and Surface Water Sampling Points.

Summary of Analytical Constituents Detected in Leachate Sump A

August 20, 2001

GENERAL (mg/l)	
PARAMETERS	LEACHATE SUMP A
conductivity (umhos/cm) (field)	8200
pH (field)	6.72
total dissolved solids (mg/l)	4400
temperature (°C) (field)	29.1
chloride (mg/l)	2000
ammonia nitrogen (mg/l as N)	180
nitrate (mg/l as N)	BDL
dissolved oxygen (mg/l) (field)	0.42
Metals: (mg/l)	LEACHATE SUMP A
iron	31
chromium	0.0055
copper	BDL
barium	0.039
arsenic	0.0069
lead	BDL
mercury	BDL
vanadium	0.013
nickel	0.028
sodium	1300
zinc	BDL
Organics: (µg/l)	
E.P.A. Methods 8260	
Organic Parameters Detected	LEACHATE SUMP A
1,4-dichlorobenzene	2.5
acetone	BDL
benzene	1.5
carbon disulfide	1.8
chloroethane	BDL
cis-1,2-Dichloroethene	BDL
1,2-dibromo-3-chloropropane	0.22
chlorobenzene	1.8
ethylbenzene	2.3
xylenes	12
vinyl chloride	1.7
toluene	1.2
BDL=BELOW DETECTION LIMIT	
NTU=NEPHELOMETRIC TURBIDITY UNITS	
µg/l=MICROGRAMS PER LITER	
mg/l=MILLIGRAMS PER LITER	

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000610
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108610 11

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: LEACHATE SUMP - A

Sample Date: 08/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
	COLOR (Observation)	GRAB	110.2	YELLOWISH				UNFILTERED	08/20/01
	SHEEN (Observation)	GRAB		NONE				UNFILTERED	08/20/01
00010	TEMPERATURE (Field)	GRAB	170.1	29.1		N/A	DEG C	UNFILTERED	08/20/01
00406	pH (Field)	GRAB	150.1	6.72		N/A	UNIT	UNFILTERED	08/20/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	8200		1	umho/cm	UNFILTERED	08/20/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	0.42		0.10	mg/L	UNFILTERED	08/20/01
00403	pH	GRAB	150.1	6.88			UNIT	UNFILTERED	08/21/01
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	8530		1.0	umhos/cm	UNFILTERED	08/21/01
00940	CHLORIDE	GRAB	300.0	2000		25	mg/L	UNFILTERED	08/21/01
00610	AMMONIA NITROGEN (as N)	GRAB	350.1	180		2.5	mg/L	UNFILTERED	08/24/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	2.5	U	2.5	mg/L	UNFILTERED	08/21/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	4400		5.0	mg/L	UNFILTERED	08/21/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/22/01
01002	ARSENIC (TOTAL)	GRAB	6010	6.9		5.0	ug/L	UNFILTERED	08/22/01
01007	BARIUM (TOTAL)	GRAB	6010	39		10	ug/L	UNFILTERED	08/22/01
01012	BERYLLIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	08/22/01
01027	CADMIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	08/22/01
01034	CHROMIUM (TOTAL)	GRAB	6010	5.5		5.0	ug/L	UNFILTERED	08/22/01
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/22/01
01042	COPPER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/22/01
01045	IRON (TOTAL)	GRAB	6010	31000		40	ug/L	UNFILTERED	08/22/01
01051	LEAD (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/22/01
71900	MERCURY	GRAB	7470	0.20	U	0.20	ug/L	UNFILTERED	08/23/01
01067	NICKEL (TOTAL)	GRAB	6010	28		10	ug/L	UNFILTERED	08/22/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/22/01
00929	SODIUM (TOTAL)	GRAB	6010	1300		2.5	mg/L	UNFILTERED	08/23/01
01087	VANADIUM (TOTAL)	GRAB	6010	13		10	ug/L	UNFILTERED	08/22/01

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000610
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108610 11

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: LEACHATE SUMP - A

Sample Date: 08/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01077	SILVER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/22/01
01059	THALLIUM (TOTAL)	GRAB	7841	1.0	U	1.0	ug/L	UNFILTERED	08/23/01
01092	ZINC (TOTAL)	GRAB	6010	20	U	20	ug/L	UNFILTERED	08/22/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	08/31/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	08/31/01
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34566	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34571	1,4-DICHLOROBENZENE	GRAB	8260	2.5		1.0	ug/L	UNFILTERED	08/31/01
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
81595	2-BUTANONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	08/31/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	08/31/01
77103	2-HEXANONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	08/31/01
82552	ACETONE	GRAB	8260	10	U	10	ug/L	UNFILTERED	08/31/01
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	08/31/01
34030	BENZENE	GRAB	8260	1.5		1.0	ug/L	UNFILTERED	08/31/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	08/31/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	08/31/01
77041	CARBON DISULFIDE	GRAB	8260	1.8		1.0	ug/L	UNFILTERED	08/31/01
77268	trans-1,4-DICHLORO-2-	GRAB	8260	10	U	10	ug/L	UNFILTERED	08/31/01

Florida Certification: #E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000610
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108610 11

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: LEACHATE SUMP - A

Sample Date: 08/20/01
Well Type:

Well Development Prior to Sample Collection (YES/NO): YES

Ground Water Elevation (MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
	BUTENE								
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34301	CHLOROBENZENE	GRAB	8260	1.8		1.0	ug/L	UNFILTERED	08/31/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
32418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	08/31/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34371	ETHYLBENZENE	GRAB	8260	2.3		1.0	ug/L	UNFILTERED	08/31/01
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	08/31/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34010	TOLUENE	GRAB	8260	1.2		1.0	ug/L	UNFILTERED	08/31/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	08/31/01
39175	VINYL CHLORIDE	GRAB	8260	1.7		1.0	ug/L	UNFILTERED	08/31/01
34020	XYLENES (Total)	GRAB	8260	12		1.0	ug/L	UNFILTERED	08/31/01
49146	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	8011	0.22		0.020	ug/L	UNFILTERED	08/23/01
77651	ETHYLENE DIBROMIDE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/23/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

100494

leachate

JRM 5/21/01

RECEIVED
APR 23 2001
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

April 20, 2001

Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: Southeast County Landfill
Semi-Annual Analytical Data Report, February 2001
Permit #S029-256427

Dear Mr. Morris:

In accordance with Permit No. SO29-256427 the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data report for the semi-annual water quality monitoring at the Southeast Landfill site. Samples were collected by the SWMD during February 19-21, 2001 and analyzed by our contract laboratory, Elab, Inc.

Enclosed for your review please find copies of the letters to the owners of the private wells, a groundwater monitoring well and surface water sampling site location map, analytical data summary tables for groundwater monitoring wells, surface water sites, private wells, and leachate sump A, a groundwater elevation data summary table, a surficial aquifer groundwater elevation and contour map, and the complete laboratory analytical data report sheets.

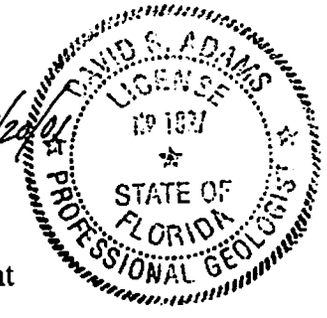
DO NOT REPORT:
BICARBONATE
4-METHYL-2-PENTANONE

FEB 2001 SAMPLING EVENT

Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

Sincerely,

David S. Adams, P.G.
Environmental Manager
Solid Waste Management



DSA/kb
Enclosures

xc: Matt Mathews, Landfill Manager, SWMD
C. Lee Smith, District Landfill Manager, WM, Southeast Landfill
Carolyn McCreedy, Engineer, WM, Southeast Landfill
Larry Ruiz, Project Manager, SCS Engineers
Chongman Lee , Department of Environmental Protection
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

Summary of Analytical Constituents Detected in Leachate Sump A

February 20, 2001

GENERAL (mg/l)	
PARAMETERS	LEACHATE SUMP A
conductivity (umhos/cm) (field)	8950
pH (field)	6.96
total dissolved solids (mg/l)	5000
temperature (°C) (field)	27.9
chloride (mg/l)	2100
ammonia nitrogen (mg/l as N)	230
nitrate (mg/l as N)	BDL
dissolved oxygen (mg/l) (field)	1.5
Metals: (mg/l)	LEACHATE SUMP A
iron	28
chromium	0.006
copper	BDL
barium	0.016
arsenic	0.0052
lead	BDL
mercury	BDL
vanadium	0.015
nickel	0.044
sodium	1600
zinc	BDL
Organics: (µg/l)	
E.P.A. Methods 8260	
Organic Parameters Detected	LEACHATE SUMP A
1,4-dichlorobenzene	BDL
acetone	20
acrolein	110
benzene	1.6
chloroethane	BDL
cis-1,2-Dichloroethene	BDL
chlorobenzene	2.0
ethylbenzene	13
xylenes	43
vinyl chloride	2.0
toluene	3.4
BDL=BELOW DETECTION LIMIT	
NTU=NEPHELOMETRIC TURBIDITY UNITS	
µg/l=MICROGRAMS PER LITER	
mg/l=MILLIGRAMS PER LITER	

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

Entered

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	10100		1.0	umhos/cm	UNFILTERED	02/21/01
00403	pH	GRAB	150.1	7.03			UNIT	UNFILTERED	02/21/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	5000		5.0	mg/L	UNFILTERED	02/22/01
01059	THALLIUM (TOTAL)	GRAB	7841	1.0	U	1.0	ug/L	UNFILTERED	02/23/01
00940	CHLORIDE	GRAB	300.0	2100		5.0	mg/L	UNFILTERED	02/22/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	0.25	U	0.25	mg/L	UNFILTERED	02/21/01
00720	CYANIDE - TOTAL	GRAB	335.3	0.010	U	0.010	mg/L	UNFILTERED	02/26/01
00610	AMMONIA NITROGEN (as N)	GRAB	350.1	230		1.0	mg/L	UNFILTERED	02/21/01
00745	SULFIDE	GRAB	376.1	10		1.0	mg/L	UNFILTERED	02/26/01
49146	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	504.1	0.020	U	0.020	ug/L	UNFILTERED	02/27/01
77651	ETHYLENE DIBROMIDE	GRAB	504.1	0.020	U	0.020	ug/L	UNFILTERED	02/27/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	02/23/01
01002	ARSENIC (TOTAL)	GRAB	6010	5.2		5.0	ug/L	UNFILTERED	02/23/01
01007	BARIUM (TOTAL)	GRAB	6010	16		10	ug/L	UNFILTERED	02/23/01
01012	BERYLLIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	02/23/01
01027	CADMIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	02/23/01
01034	CHROMIUM (TOTAL)	GRAB	6010	6.1		5.0	ug/L	UNFILTERED	02/23/01
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	02/23/01
01042	COPPER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	02/23/01
01045	IRON (TOTAL)	GRAB	6010	28000		40	ug/L	UNFILTERED	02/26/01
01051	LEAD (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	02/23/01
01067	NICKEL (TOTAL)	GRAB	6010	44		10	ug/L	UNFILTERED	02/23/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	02/23/01
01077	SILVER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	02/23/01
00929	SODIUM (TOTAL)	GRAB	6010	1600		5.0	mg/L	UNFILTERED	02/27/01
01102	TIN (Total)	GRAB	6010	25	U	25	ug/L	UNFILTERED	02/23/01
01087	VANADIUM (TOTAL)	GRAB	6010	15		10	ug/L	UNFILTERED	02/23/01

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01092	ZINC (TOTAL)	GRAB	6010	20	U	20	ug/L	UNFILTERED	02/23/01
71900	MERCURY	GRAB	7470	0.20	U	0.20	ug/L	UNFILTERED	02/27/01
39310	4,4'-DDD	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39320	4,4'-DDE	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39300	4,4'-DDT	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39337	a-BHC	GRAB	8081	0.0050	U	0.0050	ug/L	UNFILTERED	03/01/01
39330	ALDRIN	GRAB	8081	0.0050	U	0.0050	ug/L	UNFILTERED	03/01/01
39338	b-BHC	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39350	CHLORDANE (tech.)	GRAB	8081	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39460	CHLOROBENZILATE	GRAB	8081	0.10	U	0.10	ug/L	UNFILTERED	03/01/01
34259	d-BHC	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39380	DIELDRIN	GRAB	8081	0.0050	U	0.0050	ug/L	UNFILTERED	03/01/01
34361	ENDOSULFAN I	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
34356	ENDOSULFAN II	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
34351	ENDOSULFAN SULFATE	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39390	ENDRIN	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
34366	ENDRIN ALDEHYDE	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39340	g-BHC (LINDANE)	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39410	HEPTACHLOR	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
39420	HEPTACHLOR EPOXIDE	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
81281	KEPONE	GRAB		0.050	U	0.050	ug/L	UNFILTERED	03/01/01
39480	METHOXYCHLOR	GRAB	8081	0.020	U	0.020	ug/L	UNFILTERED	03/01/01
81316	PENTACHLORONITROBENZENE	GRAB	8081	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39400	TOXAPHENE	GRAB	8081	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
34671	PCB 1016	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39488	PCB 1221	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39492	PCB 1232	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39496	PCB 1242	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39500	PCB 1248	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
39504	PCB 1254	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
39508	PCB 1260	GRAB	8082	0.50	U	0.50	ug/L	UNFILTERED	03/01/01
46214	DIMETHOATE	GRAB	8141	0.10	U	0.10	ug/L	UNFILTERED	03/02/01
81888	DISULFOTON	GRAB	8141	0.30	U	0.30	ug/L	UNFILTERED	03/02/01
38462	FAMPHUR	GRAB	8141	0.50	U	0.50	ug/L	UNFILTERED	03/02/01
46315	PARATHION-ETHYL	GRAB	8141	0.50	U	0.50	ug/L	UNFILTERED	03/02/01
39600	PARATHION-METHYL	GRAB	8141	0.50	U	0.50	ug/L	UNFILTERED	03/02/01
46313	PHORATE	GRAB	8141	0.50	U	0.50	ug/L	UNFILTERED	03/02/01
39740	2,4,5-T	GRAB	8151	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
39760	2,4,5-TP (SILVEX)	GRAB	8151	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
39730	2,4-D	GRAB	8151	0.10	U	0.10	ug/L	UNFILTERED	03/03/01
39730	DINOSEB	GRAB	8151	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
39032	PENTACHLOROPHENOL	GRAB	8151	0.040	U	0.040	ug/L	UNFILTERED	03/03/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77168	1,1-DICHLOROPROPENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34541	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77143	1,3-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77168	2,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
81520	2-CHLORO-1,3-BUTADIENE	GRAB	8260	20	U	20	ug/L	UNFILTERED	03/03/01
81552	ACETONE	GRAB	8260	20	/	10	ug/L	UNFILTERED	03/03/01
76997	ACETONITRILE	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
34210	ACROLEIN	GRAB	8260	110		10	ug/L	UNFILTERED	03/03/01

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
78109	ALLYL CHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
78124	BENZENE	GRAB	8260	1.6		1.0	ug/L	UNFILTERED	03/03/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	03/03/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34301	CHLOROBENZENE	GRAB	8260	2.0		1.0	ug/L	UNFILTERED	03/03/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	03/03/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34668	DICHLORODIFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
73570	ETHYL METHACRYLATE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34371	ETHYLBENZENE	GRAB	8260	13		1.0	ug/L	UNFILTERED	03/03/01
34391	HEXACHLOROBUTADIENE	GRAB	8260	0.50	U	0.50	ug/L	UNFILTERED	03/03/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77033	ISOBUTYL ALCOHOL	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
81593	METHACRYLONITRILE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	03/03/01
77103	METHYL BUTYL KETONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
81595	METHYL ETHYL KETONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
81596	METHYL ISOBUTYL KETONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
81597	METHYL METHACRYLATE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01

Florida
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ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	03/03/01
77007	PROPIONITRILE	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34010	TOLUENE	GRAB	8260	3.4	✓	1.0	ug/L	UNFILTERED	03/03/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	03/03/01
77268	trans-1,4-DICHLORO-2-BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	03/03/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	03/03/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	03/03/01
39175	VINYL CHLORIDE	GRAB	8260	2.0	✓	1.0	ug/L	UNFILTERED	03/03/01
81551	XYLENES (Total)	GRAB	8260	43	✓	1.0	ug/L	UNFILTERED	03/03/01
77734	1,2,4,5-TETRACHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34551	1,2,4-TRICHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34536	1,2-DICHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73653	1,3,5-TRINITROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34566	1,3-DICHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
45622	1,3-DINITROBENZENE	GRAB	8270	20	U	20	ug/L	UNFILTERED	03/10/01
34571	1,4-DICHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73599	1,4-NAPHTHOQUINONE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73628	1,4-PHENYLENEDIAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73600	1-NAPHTHYLAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77770	2,3,4,6-TETRACHLOROPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77687	2,4,5-TRICHLOROPHENOL	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
34621	2,4,6-TRICHLOROPHENOL	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
34601	2,4-DICHLOROPHENOL	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01

Florida
Certification:
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ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
34606	2,4-DIMETHYLPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34616	2,4-DINITROPHENOL	GRAB	8270	20	U	20	ug/L	UNFILTERED	03/10/01
34611	2,4-DINITROTOLUENE	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
77541	2,6-DICHLOROPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34626	2,6-DINITROTOLUENE	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
82204	2-ACETYAMINOFLUORENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34581	2-CHLORONAPHTHALENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34586	2-CHLOROPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77416	2-METHYLNAPHTHALENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77152	2-METHYLPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73601	2-NAPHTHYLAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
78142	2-NITROANILINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34591	2-NITROPHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77146	3 & 4-METHYLPHENOL	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
34631	3,3'-DICHLOROBENZIDINE	GRAB	8270	10	U	10	ug/L	UNFILTERED	03/10/01
73560	3,3'-DIMETHYLBENZIDINE	GRAB	8270	10	U	10	ug/L	UNFILTERED	03/10/01
73591	3-METHYLCHOLANTHRENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
78300	3-NITROANILINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34657	4,6-DINITRO-2-METHYLPHENOL	GRAB	8270	20	U	20	ug/L	UNFILTERED	03/10/01
77581	4-AMINOBIPHENYL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34636	4-BROMOPHENYL PHENYL ETHER	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34452	4-CHLORO-3-METHYLPHENOL	GRAB	8270	20	U	20	ug/L	UNFILTERED	03/10/01
73529	4-CHLOROANILINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34641	4-CHLOROPHENYL PHENYL ETHER	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73605	4-NITROANILINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34646	4-NITROPHENOL	GRAB	8270	20	U	20	ug/L	UNFILTERED	03/10/01

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Certification:
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ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
73522	5-NITRO-o-TOLUIDINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73559	7,12-DIMETHYLBENZ(A)ANTHRACENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34205	ACENAPHTHENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34200	ACENAPHTHYLENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
81553	ACETOPHENONE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34220	ANTHRACENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34526	BENZ(A)ANTHRACENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34247	BENZO(A)PYRENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34230	BENZO(B)FLUORANTHENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34521	BENZO(G,H,I)PERYLENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34242	BENZO(K)FLUORANTHENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77147	BENZYL ALCOHOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34278	BIS(2-CHLOROETHOXY) METHANE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34273	BIS(2-CHLOROETHYL) ETHER	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
34283	BIS(2-CHLOROISOPROPYL) ETHER	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
39100	BIS(2-ETHYLHEXYL) PHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34292	BUTYL BENZYL PHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34320	CHRYSENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
39110	DI-n-BUTYLPHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34596	DI-n-OCTYLPHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73540	DIALLATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34556	DIBENZ(A,H)ANTHRACENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
81302	DIBENZOFURAN	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34336	DIETHYL PHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34341	DIMETHYL PHTHALATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01

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Certification:
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ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
73571	ETHYL METHANESULFONATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34376	FLUORANTHENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34381	FLUORENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
39700	HEXACHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34386	HEXACHLOROCYCLOPENTADIENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34396	HEXACHLOROETHANE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73576	HEXACHLOROPROPENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34403	INDENO(1,2,3-CD)PYRENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
39430	ISODRIN	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34408	ISOPHORONE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73582	ISOSAFROLE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73589	METHAPYRILENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73595	METHYL METHANESULFONATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73609	N-NITROSODI-n-BUTYLAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34428	N-NITROSODI-n-PROPYLAMINE	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
73611	N-NITROSODIETHYLAMINE	GRAB	8270	4.0	U	4.0	ug/L	UNFILTERED	03/10/01
34438	N-NITROSODIMETHYLAMINE	GRAB	8270	2.0	U	2.0	ug/L	UNFILTERED	03/10/01
34433	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73613	N-NITROSOMETHYLETHYLAMINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73619	N-NITROSOPIPERIDINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
78206	N-NITROSOPYRROLIDINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34696	NAPHTHALENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34447	NITROBENZENE	GRAB	8270	3.0	U	3.0	ug/L	UNFILTERED	03/10/01
73652	o,o,o-TRIETHYLPHOSPHOROTHIOATE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77142	o-TOLUIDINE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73558	p-DIMETHYLAMINOAZOBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01

Florida
Certification:
#E83079

ELAB, Inc.

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 102000570
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0102570 9

GMS:N
Monitoring Well: LEACHATE SUMP A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP-A

Sample Date: 02/20/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
77793	PENTACHLOROBENZENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73626	PHENACETIN	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34461	PHENANTHRENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34694	PHENOL	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
39080	PRONAMIDE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
34469	PYRENE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
77545	SAFROLE	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
73553	THIONAZIN	GRAB	8270	5.0	U	5.0	ug/L	UNFILTERED	03/10/01
80045	GROSS ALPHA	GRAB	900.0	5.0+/-1.9			pCi/L	UNFILTERED	03/02/01
09501	RADIUM 226	GRAB	903.1	4.4+/-0.4			pCi/L	UNFILTERED	03/13/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	8950		1	umhc/cm	UNFILTERED	02/20/01
00406	pH (Field)	GRAB	150.1	6.96		N/A	UNIT	UNFILTERED	02/20/01
00010	TEMPERATURE (Field)	GRAB	170.1	27.9		N/A	DEG C	UNFILTERED	02/20/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	1.5		0.10	mg/L	UNFILTERED	02/20/01
11501	RADIUM 228	GRAB	EPA ALT.	1.5+/-1.0			pCi/L	UNFILTERED	03/13/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

2-570-9

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE
COC SHEET SOUTHEAST LANDFILL WELL MONITORING PROGRAM

			DATE	TIME
PRECLEANED SAMPLE CONTAINERS:				
RELINQUISHED BY:		REP. OF CONTRACT LAB.	2/7/01	730
ACCEPTED BY:		REP. OF COMMON CARRIER	2/7/01	730
RELINQUISHED BY:		REP. OF COMMON CARRIER	2-7-01	340P
ACCEPTED BY:		REP. OF SOLID WASTE DEPT.	2-7-01	340P

LOCATION: **LEACHATE SUMP - A** SAMPLE MATRIX: **LEACHATE**

PERSONAL ENGAGED IN SAMPLE COLLECTION: | C Ballard

FIELD PARAMETERS:

BY	TIME	TEMP	COND (umHos/cm)	PH	DO
	1120A	27.9	8950	6.96	1.49 mg/l

COLORS & SHEENS: YES YELLOW COLOR NO SHEEN NO ___

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
1	CYANIDE	NAOH	500 ml. PLASTIC	2-20-01	1120A
2	EDB	NONE	2-40 ml. SEPTUM VIAL	↓	↓
1	GENERAL	NONE	1000 ml. PLASTIC		
1	HYD SULFIDE	2 ml. NAOH-ZNAC	500 ml. PLASTIC		
1	METALS	2 ml. HNO3	500 ml. PLASTIC		
1	NUTRIENTS	1 ml. H2SO4	250 ml. PLASTIC		
5	ORGANICS	NONE	5-1 ltr. AMBER GLASS		
2	RADIOLOGY	5 ml. HNO3	2-1 L PLASTIC		
3	VOC	1:1 HCL	40 ml. SEPTUM VIAL	↓	↓

17 TOTAL No. OF SAMPLES COLLECTED:

ANALYSES REQUESTED:

BICARBONATE CHLORIDES CONDUCTANCE IRON MERCURY NITRATE
SODIUM TDS, PH, TOTAL AMMONIA - N
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I &II ALL VOC's BY EPA 8260

PRESERVED SAMPLES PH < 2.0 ✓ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

			DATE	TIME
ABOVE LISTED SAMPLES:				
RELINQUISHED BY:		REP. OF SOLID WASTE DEPT.	2-20-01	210P
ACCEPTED BY:		REP. OF COMMON CARRIER	2-20-01	210P
RELINQUISHED BY:		REP. OF COMMON CARRIER	2-21-01	850
ACCEPTED BY:		REP. OF CONTRACT LAB.	2/21/01	1410

COMMON CARRIER UTILIZED: GREYHOUND BUS LINES OTHER: ___

COMMENT`S: ___

1004941

LR
JRM
5/31/01

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

October 26, 2000

Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: Southeast County Landfill
Semi-Annual Analytical Data Report, August 2000
Permit #S029-256427

Dear Mr. Morris:

In accordance with Permit No. SO29-256427 the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical results for the semi-annual water quality monitoring at the Southeast Landfill site. Samples were collected by the SWMD during August 21-23, 2000 and analyzed by our contract laboratory, Elab, Inc.

Enclosed for your review please find copies of the letters to the owners of the private wells, a groundwater monitoring well and surface water sampling site location map, analytical data summary tables for groundwater monitoring wells, surface water sites, private wells, and leachate sump A, groundwater elevation data summary tables, a surficial aquifer groundwater elevation and contour map, and the complete laboratory analytical data report sheets.

AUG. 2000 SAMPLING EVENT

Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

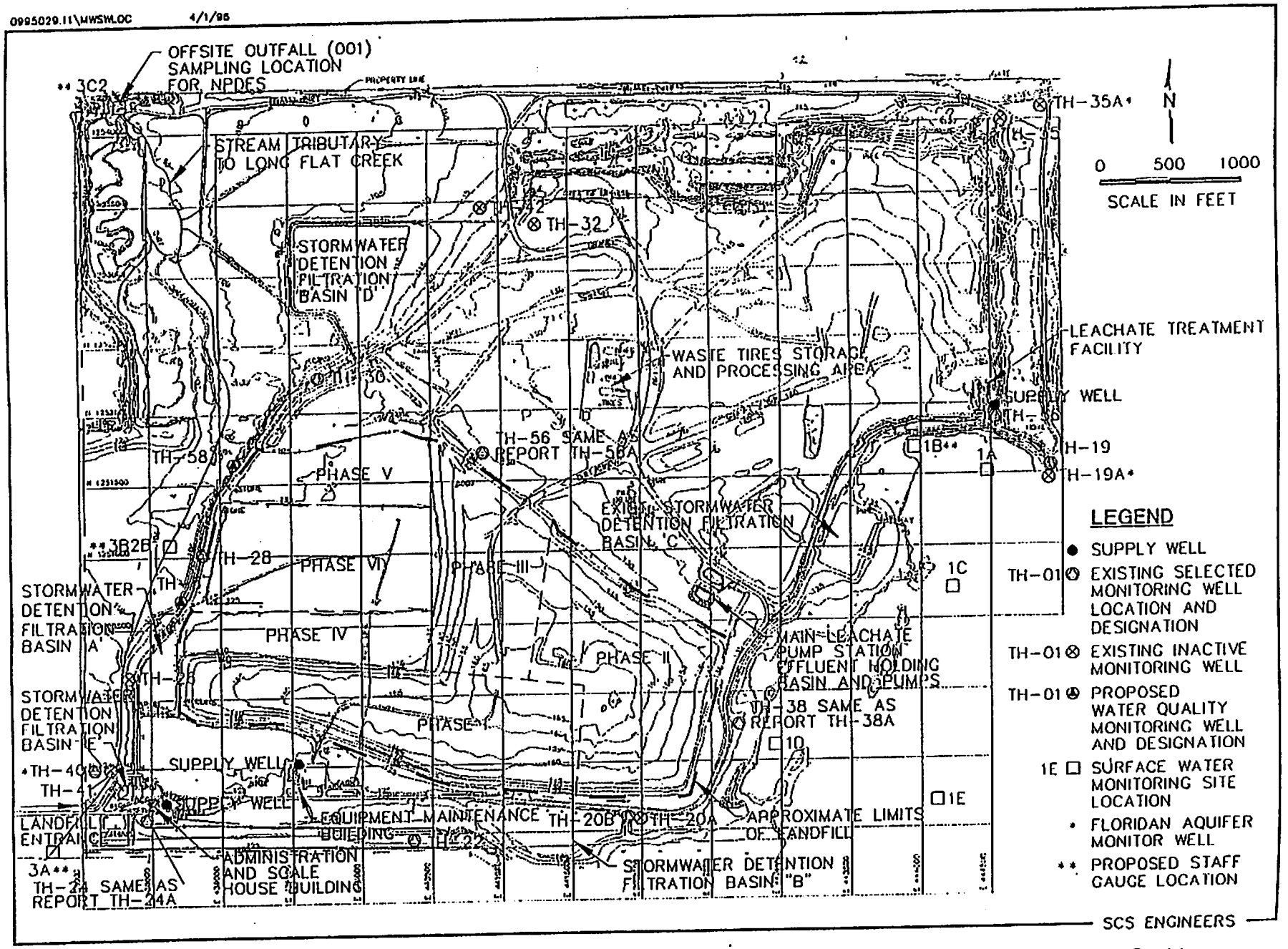
Sincerely,

David S. Adams, P.G.
Environmental Manager
Solid Waste Management

10/26/00

DSA/kb
Enclosures

xc: Matt Mathews, Landfill Manager, SWMD
Jay P. McMahan, P.E., General Manager, WM, Southeast Landfill
Sheree Henninger, WM, Southeast Landfill
Larry Ruiz, Project Manager, SCS Engineers
Chongman Lee , Department of Environmental Protection
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association



Monitoring Wells and Surface Water Locations, Southeast County Landfill, Hillsborough County, Florida.

Summary of Analytical Constituents Detected in Leachate Sump A

August 22, 2000

GENERAL (mg/l)	
PARAMETERS	LEACHATE SUMP A
conductivity (umhos/cm) (field)	6740
pH (field)	6.68
total dissolved solids (mg/l)	3900
temperature (°C) (field)	29.7
chloride (mg/l)	1500
ammonia nitrogen (mg/l as N)	150
nitrate (mg/l as N)	BDL
dissolved oxygen (mg/l) (field)	0.72
	0.72
Metals: (mg/l)	LEACHATE SUMP A
iron	34.00
chromium	0.005
copper	BDL
barium	0.027
arsenic	0.005
lead	0.005
mercury	BDL
vanadium	0.013
nickel	0.035
sodium	1100
zinc	BDL
Organics: (µg/l)	
E.P.A. Methods 8260	
Organic Parameters Detected	LEACHATE SUMP A
1,4-dichlorobenzene	3.8
acetone	BDL
benzene	1.9
chlorobenzene	1.7
ethylbenzene	9.6
xylenes	26
toluene	61
BDL=BELOW DETECTION LIMIT	
NTU=NEPHELOMETRIC TURBIDITY UNITS	
µg/l=MICROGRAMS PER LITER	
mg/l=MILLIGRAMS PER LITER	

Leachate Sump A Analytical Data

Florida Certification:
Drinking Water #83160
Environmental #E83079
ComQAP #860198

ELAB, Inc.
Formerly D/B/A Enviroleb

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 8000524
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0008524 S

GMS:N
Monitoring Well: LEACHATE SUMP -A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP - A

Sample Date: 08/22/00
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	7300		1.0	umho/cm	UNFILTERED	08/23/00
00094	SPECIFIC CONDUCTANCE(Field)	GRAB	120.1	6740		1	umho/cm	UNFILTERED	08/22/00
00406	pH (Field)	GRAB	150.1	6.68		N/A	UNIT	UNFILTERED	08/22/00
00403	pH	GRAB	150.1	6.64			UNIT	UNFILTERED	08/23/00
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	3900		5.0	mg/L	UNFILTERED	08/24/00
00010	TEMPERATURE (Field)	GRAB	170.1	29.7		N/A	DEG C	UNFILTERED	08/22/00
71900	MERCURY	GRAB	7470	0.20	U	0.20	ug/L	UNFILTERED	08/29/00
01059	THALLIUM (TOTAL)	GRAB	7841	1.7		1.0	ug/L	UNFILTERED	09/01/00
00940	CHLORIDE	GRAB	300.0	1500		5.0	mg/L	UNFILTERED	08/25/00
00620	NITRATE NITROGEN (as N)	GRAB	300.0	0.50	U	0.50	mg/L	UNFILTERED	08/24/00
00440	BICARBONATE ALK. as CaCO3	GRAB	310.1	1400		5.0	mg/L	UNFILTERED	08/23/00
00610	AMMONIA NITROGEN (as N)	GRAB	350.1	150		1.0	mg/L	UNFILTERED	08/23/00
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	0.72		0.10	mg/L	UNFILTERED	08/22/00
49146	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	504.1	0.020	U	0.020	ug/L	UNFILTERED	09/06/00
77651	ETHYLENE DIBROMIDE	GRAB	504.1	0.020	U	0.020	ug/L	UNFILTERED	09/06/00
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/30/00
01002	ARSENIC (TOTAL)	GRAB	6010	5.5		5.0	ug/L	UNFILTERED	08/30/00
01007	BARIUM (TOTAL)	GRAB	6010	27		10	ug/L	UNFILTERED	08/30/00
01012	BERYLLIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	08/30/00
01027	CADMIUM (TOTAL)	GRAB	6010	1.0	U	1.0	ug/L	UNFILTERED	08/30/00
01034	CHROMIUM (TOTAL)	GRAB	6010	5.0		5.0	ug/L	UNFILTERED	08/30/00
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/30/00
01042	COPPER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/30/00
01045	IRON (TOTAL)	GRAB	6010	34000		40	ug/L	UNFILTERED	08/30/00
01051	LEAD (TOTAL)	GRAB	6010	5.1		5.0	ug/L	UNFILTERED	08/30/00
01067	NICKEL (TOTAL)	GRAB	6010	35		10	ug/L	UNFILTERED	08/30/00

Florida Certification:
Drinking Water #83160
Environmental #E83079
ComQAP #860198

ELAB, Inc.
Formerly D/B/A Envirolab

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 8000524
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0008524 5

GMS:N
Monitoring Well: LEACHATE SUMP -A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP - A

Sample Date: 08/22/00
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/30/00
01077	SILVER (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/30/00
00929	SODIUM (TOTAL)	GRAB	6010	1100		5.0	mg/L	UNFILTERED	08/30/00
01087	VANADIUM (TOTAL)	GRAB	6010	13		10	ug/L	UNFILTERED	08/30/00
01092	ZINC (TOTAL)	GRAB	6010	20	U	20	ug/L	UNFILTERED	08/30/00
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34541	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34571	1,4-DICHLOROBENZENE	GRAB	8260	3.8		1.0	ug/L	UNFILTERED	09/02/00
81595	2-BUTANONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/02/00
77103	2-HEXANONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/02/00
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/02/00
81552	ACETONE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/02/00
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34030	BENZENE	GRAB	8260	1.9		1.0	ug/L	UNFILTERED	09/02/00
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
32101	BROMODICHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00

Florida Certification:
Drinking Water #83160
Environmental #E83079
ComQAP #860198

ELAB, Inc.
Formerly D/B/A Envirolab

PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 8000524
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0008524 5

GMS:N
Monitoring Well: LEACHATE SUMP -A
Classification of Groundwater: G-II
Well Name: LEACHATE SUMP - A

Sample Date: 08/22/00
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
34301	CHLOROBENZENE	GRAB	8260	1.7		1.0	ug/L	UNFILTERED	09/02/00
34311	CHLOROETHANE	GRAB	8260	4.4		1.0	ug/L	UNFILTERED	09/02/00
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.5		1.0	ug/L	UNFILTERED	09/02/00
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
32105	DIBROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34371	ETHYLBENZENE	GRAB	8260	9.6		1.0	ug/L	UNFILTERED	09/02/00
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	09/02/00
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34010	TOLUENE	GRAB	8260	61		1.0	ug/L	UNFILTERED	09/02/00
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77268	trans-1,4-DICHLORO-2-BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/02/00
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/02/00
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	09/02/00
39175	VINYL CHLORIDE	GRAB	8260	6.7		1.0	ug/L	UNFILTERED	09/02/00
34020	XYLENES (Total)	GRAB	8260	26		1.0	ug/L	UNFILTERED	09/02/00

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

08524 - 5

HILLSBOROUGH COUNTY DEPT. OF SOLID WASTE
COC SHEET SOUTHEAST LANDFILL WELL MONITORING PROGRAM

			DATE	TIME
PRECLEANED SAMPLE CONTAINERS:				
RELINQUISHED BY:	[signature]	REP. OF CONTRACT LAB.	8/16	0900
ACCEPTED BY:	[signature]	REP. OF COMMON CARRIER	8/16	0900
RELINQUISHED BY:	[signature]	REP. OF COMMON CARRIER	8/17	1245
ACCEPTED BY:	[signature]	REP. OF SOLID WASTE DEPT.	8-17-00	1245P

LOCATION: **LEACHATE SUMP - A** SAMPLE MATRIX: **LEACHATE**

PERSONAL ENGAGED IN SAMPLE COLLECTION: [signature] | ABallou

FIELD PARAMETERS:

BY	TIME	TEMP	COND (umhos/cm)	PH	DO
[signature]	1253P	29.7	6740	6.68	0.72 mg/l

COLORS & SHEENS: YES YELLOWISH COLOR NO __

CONTAINER CODE:

NO. COL.	TYPE	PRESERVATIVE	CONTAINER TYPE	COLLECTED DATE	COLLECTED TIME
	BACTERIA	NA2SO4 NONE	18 oz. POLY BAG		
	EDB	NONE	40 ml. SAEPTUM VIAL		
1	GENERAL	NONE	1000 ml. PLASTIC	8-22-00	1253P
1	METALS	2 ml. HNO3	500 ml. PLASTIC	"	"
1	NUTRIENTS	2 ml. H2SO4	250 ml. PLASTIC	"	"
	OIL & GREASE	5 ml. H2SO4	1 ltr. AMBER GLASS		
	ORGANICS	NONE	1 ltr. AMBER GLASS		
	RADIOLOGY	10 ml. HNO3	1 gal. PLASTIC		
3	VOC	1:1 HCL	40 ml. SEPTUM VIAL	"	"
6	TOTAL No. OF SAMPLES COLLECTED:				

ANALYSES REQUESTED:

BICARBONATE CHLORIDES CONDUCTANCE IRON MERCURY NITRATE
SODIUM TDS PH, TOTAL AMMONIA - N
PARAMETERS LISTED IN 40 CFR PART 258, APPENDIX I ALL VOC's BY EPA 8260

PRESERVED SAMPLES PH < 2.0 ✓ SAMPLE STORAGE: COOLER & ICE TO 4.0 c

			DATE	TIME
ABOVE LISTED SAMPLES:				
RELINQUISHED BY:	[signature]	REP. OF SOLID WASTE DEPT.	8-22-00	1145P
ACCEPTED BY:	[signature]	REP. OF COMMON CARRIER	8-22-00	1145P
RELINQUISHED BY:	P Bowe	REP. OF COMMON CARRIER	8-23-00	1015
ACCEPTED BY:	P. Hayes	REP. OF CONTRACT LAB.	8/23/00	10:20

COMMON CARRIER UTILIZED: GREYHOUND BUS LINES OTHER: _____

COMMENT`S: _____

100494
Leachate
JTM
1/23/01

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

April 14, 2000

Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, Fl. 33619-8318

Re: Southeast County Landfill
Semi-Annual Analytical Data Report, February 2000
Permit #S029-256427

Dear Mr. Morris:

In accordance with Permit No. SO29-256427 the Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical results for the semi-annual water quality monitoring at the Southeast Landfill site. Samples were collected by the HCSWMD during February 14-17, 2000 and analyzed by our contract laboratory, Post, Buckley, Schuh and Jernigan, Inc.

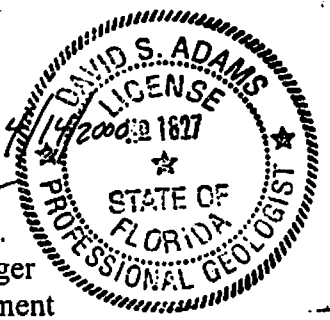
Enclosed for your review please find copies of the letters to the owners of the private wells, a groundwater monitoring well and surface water sampling site location map, analytical data summary tables for groundwater monitoring wells, surface water sites, private wells, and leachate sump A, groundwater elevation data summary tables, a surficial aquifer groundwater elevation and contour map, and the complete laboratory analytical data report sheets.

Copied from ground water report

FEB 2000 SAMPLING EVENT

Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

Sincerely,



David S. Adams, P.G.
Environmental Manager
Solid Waste Management

DSA/kb
Enclosures

xc: Matt Mathews, Landfill Manager, HCSWMD
Jay P. McMahan, P.E., General Manager, WM, Southeast Landfill
Sheree Henninger, WM, Southeast Landfill
Larry Ruiz, Project Manager, SCS Engineers
Chongman Lee , Department of Environmental Protection
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

Summary of Analytical Constituents Detected in Leachate Sump A

February 16, 2000

GENERAL (mg/l)	
PARAMETERS	LEACHATE SUMP A
conductivity (umhos/cm) (field)	12960
pH (field)	7.01
total dissolved solids (mg/l)	7340
temperature (°C) (field)	26
chloride (mg/l)	2710
ammonia nitrogen (mg/l as N)	578
nitrate (mg/l as N)	0.03
dissolved oxygen (mg/l) (field)	1.63
Metals: (mg/l)	LEACHATE SUMP A
iron	13.300
chromium	0.013
copper	BDL
barium	0.021
arsenic	0.012
lead	BDL
mercury	BDL
vanadium	0.036
nickel	0.071
sodium	2000
zinc	BDL
Organics: (µg/l)	
E.P.A. Methods 8260	
Organic Parameters Detected	LEACHATE SUMP A
1,4-dichlorobenzene	1.5
acetone	20.9
benzene	1.2
chlorobenzene	1.6
ethylbenzene	1.7
napthalene	17.7
m,p-xylene	3.8
o-xylene	2.2
xylenes	6
toluene	3.2
MCL=MAXIMUM CONTAMINANT LEVEL	
BDL=BELOW DETECTION LIMIT	
NTU=NEPHELOMETRIC TURBIDITY UNITS	
µg/l=MICROGRAMS PER LITER	
mg/l=MILLIGRAMS PER LITER	

Facility GMS #:

Test Site ID #:

Well Name: LEACHATE PUMP ST. A

Classification of Ground Water:

Ground Water Elevation (NGVD) :

Sample Number: 0002-524-01

Sample Date/Time: 02/16/2000 8:57:00 AM

Report Period : 00/Q1

Well Purged(Y/N): N

Well Type: Other

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
00094	conductivity	Grab	N	Field	12960		umhos/cm		umhos/cm
00300	dissolved oxygen	Grab	N	Field	1.63		mg/l		mg/l
00406	pH	Grab	N	Field	7.01		units		units
00010	temperature	Grab	N	Field	26		Deg. C		Deg. C
00745	sulfide	Grab	N	EPA 9030A	0.09	I	mg/l	0.04	mg/l
77562	1,1,1,2-tetrachloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34506	1,1,1-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34516	1,1,2,2-tetrachloroethane	Grab	N	EPA 8260	0.2	U	ug/l	0.2	ug/l
34511	1,1,2-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34496	1,1-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34501	1,1-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77443	1,2,3-trichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 8260	2	U	ug/l	2	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34531	1,2-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34541	1,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77173	1,3-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8260	1.5	I	ug/l	1	ug/l
81582	1,4-dioxane	Grab	N	EPA 8260	100	U	ug/l	100	ug/l
77170	2,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	2-butanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77103	2-hexanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78133	4-methyl-2-pentanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
81552	acetone	Grab	N	EPA 8260	20.9		ug/l	5	ug/l
34215	acetonitrile	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34210	acrolein	Grab	N	EPA 8260	20	U	ug/l	20	ug/l
34215	acrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
82587	allyl chloride	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78124	benzene	Grab	N	EPA 8260	1.2	I	ug/l	1	ug/l
73085	bromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32101	bromodichloromethane	Grab	N	EPA 8260	0.6	U	ug/l	0.6	ug/l
32104	bromoform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34413	bromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77041	carbon disulfide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32102	carbon tetrachloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34301	chlorobenzene	Grab	N	EPA 8260	1.6	I	ug/l	1	ug/l
34311	chloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE PUMP ST. A

Sample Number: 0002-524-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
32106	chloroform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	chloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81520	chloroprene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
77093	cis-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34704	cis-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32105	dibromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
30217	dibromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73570	ethyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34371	ethylbenzene	Grab	N	EPA 8260	1.7	I	ug/l	1	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77424	iodomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77033	isobutyl alcohol	Grab	N	EPA 8260	40	U	ug/l	40	ug/l
85795	m,p-xylene	Grab	N	EPA 8260	3.8	I	ug/l	1	ug/l
87593	methacrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34413	methyl bromide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	methyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	methyl ethyl ketone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77424	methyl iodide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81597	methyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34423	methylene chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34696	naphthalene	Grab	N	EPA 8260	17.7		ug/l	1	ug/l
77135	o-xylene	Grab	N	EPA 8260	2.2	I	ug/l	1	ug/l
77007	propionitrile	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77128	styrene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34475	tetrachloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
78131	toluene	Grab	N	EPA 8260	3.2	I	ug/l	1	ug/l
34546	trans-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34699	trans-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73547	trans-1,4-dichloro-2-butene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
39180	trichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34488	trichlorofluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77057	vinyl acetate	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
39175	vinyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81551	xylenes	Grab	N	EPA 8260	6		ug/l	1	ug/l
39760	2,4,5-TP	Grab	N	EPA 8151	10	U	ug/l	10	ug/l
39730	2,4-D	Grab	N	EPA 8151	10	U	ug/l	10	ug/l
30103	aroclor 1016	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
30104	aroclor 1221	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
30106	aroclor 1242	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
30107	aroclor 1248	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
30108	aroclor 1254	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
30109	aroclor 1260	Grab	N	EPA 8082	5	U	ug/l	5	ug/l
01097	antimony	Grab	N	EPA 6010	5	U	ug/l	5	ug/l

Well Name: LEACHATE PUMP ST. A

Sample Number: 0002-524-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
01002	arsenic	Grab	N	EPA 6010	12	I	ug/l	5	ug/l
01007	barium	Grab	N	EPA 6010	21		ug/l	1	ug/l
01012	beryllium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01027	cadmium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01034	chromium	Grab	N	EPA 6010	13		ug/l	1	ug/l
01037	cobalt	Grab	N	EPA 6010	17	I	ug/l	5	ug/l
01042	copper	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01045	iron	Grab	N	EPA 6010	13300		ug/l	40	ug/l
01051	lead	Grab	N	EPA 6010	4	U	ug/l	4	ug/l
01067	nickel	Grab	N	EPA 6010	71		ug/l	5	ug/l
01147	selenium	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01077	silver	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00929	sodium	Grab	N	EPA 6010	2000		mg/l	0.2	mg/l
01059	thallium	Grab	N	EPA 6010	2	U	ug/l	2	ug/l
00985	vanadium	Grab	N	EPA 6010	36		ug/l	5	ug/l
01092	zinc	Grab	N	EPA 6010	25	U	ug/l	25	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
00620	nitrate	Grab	N	EPA 353.2	0.03	I	mg/l	0.01	mg/l
00610	ammonia	Grab	N	EPA 350.1	578		mg/l	0.02	mg/l
00720	total cyanide	Grab	N	EPA 335.3	0.01	I	mg/l	0.005	mg/l
00940	chloride	Grab	N	EPA 325.2	2710		mg/l	100	mg/l
00425	bicarbonate	Grab	N	EPA 310.1	3710		mg/l	0.3	mg/l
71900	mercury	Grab	N	EPA 245.1/7470	0.2	U	ug/l	0.2	ug/l
70300	total dissolved solids	Grab	N	EPA 160.1	7340		mg/l	10	mg/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34621	2,4,6-trichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34601	2,4-dichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34616	2,4-dinitrophenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34611	2,4-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34626	2,6-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34581	2-chloronaphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34856	2-chlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34591	2-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34631	3,3'-dichlorobenzidine	Grab	N	EPA 8270	100	U	ug/l	100	ug/l
34657	4,6-dinitro-2-methylphenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34639	4-bromophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34452	4-chloro-3-methylphenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34641	4-chlorophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34646	4-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE PUMP ST. A

Sample Number: 0002-524-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34205	acenaphthylene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34220	anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30133	benz[a]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34247	benzo[a]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34230	benzo[b]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34242	benzo[k]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34278	bis(2-chloroethoxy)methane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34273	bis(2-chloroethyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34283	bis(2-chloroisopropyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34292	butyl benzyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30153	chrysene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30154	dibenz[a,h]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34336	diethyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39110	di-n-butyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34596	di-n-octyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34376	fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34381	fluorene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
34396	hexachloroethane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34403	indeno[1,2,3-cd]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39430	isodrin	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34408	isophorone	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34696	naphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34447	nitrobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34428	N-nitroso-di-n-propylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34433	N-nitrosodiphenylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39032	pentachlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34461	phenanthrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34694	phenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34469	pyrene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
39310	4,4'-DDD	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39365	4,4'-DDE	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39300	4,4'-DDT	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39330	aldrin	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39336	alpha-BHC	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39348	alpha-chlordane	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39338	beta-BHC	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39380	dieldrin	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
34361	endosulfan I	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
34356	endosulfan II	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
34351	endosulfan sulfate	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39390	endrin	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE PUMP ST. A

Sample Number: 0002-524-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34366	endrin aldehyde	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
00951	gamma-BHC	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39340	gamma-BHC	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39810	gamma-chlordane	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
46326	heptachlor	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39420	heptachlor epoxide	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39430	isodrin	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39480	methoxychlor	Grab	N	EPA 8081A	3	U	ug/l	3	ug/l
39755	mirex	Grab	N	EPA 8081A	0.5	U	ug/l	0.5	ug/l
39400	toxaphene	Grab	N	EPA 8081A	10	U	ug/l	10	ug/l

100494
leachate
1/23/01

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

November 9, 1999

Ms. Allison Amram, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, Fl. 33619-8318

Re: Southeast County Landfill
Semi-Annual Analytical Data Report, August 1999
Permit #S029-256427

leachate

Dear Ms. Amram:

In accordance with Permit No. SO29-256427 the Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical results for the semi-annual water quality monitoring at the Southeast Landfill site. Samples were collected by the HCSWMD during August 17-19, 1999 and analyzed by our contract laboratory, Post, Buckley, Schuh and Jernigan, Inc.

Enclosed for your review please find copies of the letters to the owners of the private wells, a groundwater monitoring well and surface water sampling site location map, analytical data summary tables for groundwater monitoring wells, surface water sites, private wells, and leachate sump A, a groundwater and surface water elevation data summary table, a surficial aquifer groundwater elevation and contour map, and the complete laboratory analytical data report sheets.

AUG. 1999
SAMPLING
EVENT

Summary of Analytical Constituents Detected in Leachate Sump A

August 18, 1999

GENERAL (mg/l)	
PARAMETERS	LEACHATE SUMP A
conductivity (umhos/cm) (field)	2380
pH (field)	6.35
total dissolved solids (mg/l)	1260
temperature (°C) (field)	28.3
chloride (mg/l)	432
ammonia nitrogen (mg/l as N)	30.7
nitrate (mg/l as N)	BDL
dissolved oxygen (mg/l) (field)	11.2
Metals: (mg/l)	LEACHATE SUMP A
iron	47.700
chromium	0.003
copper	BDL
barium	0.031
arsenic	BDL
lead	0.01
sodium	240
mercury	BDL
vanadium	0.007
nickel	0.009
sodium	240
zinc	BDL
Organics: (µg/l)	
E.P.A. Methods 8260	
Organic Parameters Detected	LEACHATE SUMP A
1,1-dichloroethene	3
4-methyl-2-pentanone	6
acetone	56
benzene	1
cis 1,2 dichloroethylene	3
ethylbenzene	4
methylene chloride	30
xylenes	13
toluene	15
methyl ethyl ketone	120

MCL=MAXIMUM CONTAMINANT LEVEL
BDL=BELOW DETECTION LIMIT
NTU=NEPHELOMETRIC TURBIDITY UNITS
µg/l=MICROGRAMS PER LITER
mg/l=MILLIGRAMS PER LITER

copy

Analytical Results from Leachate Sump A

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/18/99 11:32:00 AM

Report Period: 8/20/99

Well Name: LEACHATE SUMP A 990821501

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
00094	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	2380	umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	6.35	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	1260	mg/L	10 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	28.3	DEG C	Fld DEG C
00440	BICARBONATES	GRAB	N	EPA310.1	583	mg/L HCO3	1 mg/L HCO3
00940	CHLORIDE	GRAB	N	EPA325.2	432	mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	30.7	mg/L	.02 mg/L
00620	NITRATE	GRAB	N	EPA353.2	< .001	mg/L	.001 mg/L
00300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	11.2	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
01096	Antimony	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01007	Barium	GRAB	N	EPA6010	31	ug/L	1 ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01034	Chromium	GRAB	N	EPA6010	3	ug/L	1 ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	47700	ug/L	40 ug/L
01051	Lead	GRAB	N	EPA6010	10	ug/L	4 ug/L
01067	Nickel	GRAB	N	EPA6010	9	ug/L	5 ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	240	mg/L	.2 mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2 ug/L
00985	Vanadium	GRAB	N	EPA6010	7	ug/L	5 ug/L
01092	Zinc	GRAB	N	EPA6010	< 25	ug/L	25 ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	3	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	6	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	56	ug/L	5 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE SUMP A 990821501

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	3	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	4	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	120	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	30	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	15	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	13	ug/L	1 ug/L

SE Hills leachate quality file

rcd 12/23/97

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/19/97 7:22:00 AM

Report Period: 97/3

Well Name: LEACHATE PUMP STATION 5 970824501 Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): ↓

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
94	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	9280	umhos/cm	Fld	umhos/cm
406	pH IN FIELD	GRAB	N	EPA150.1	6.7	pH UNITS	Fld	pH UNITS
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	29.4	DEG C	Fld	DEG C
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	1.13	mg/L	Fld	mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2	ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	1	ug/L	1	ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10	ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10	ug/L
81552	ACETONE	GRAB	N	EPA8260	20	ug/L	20	ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8	ug/L
78124	BENZENE	GRAB	N	EPA8260	1	ug/L	1	ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6	ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	2	ug/L	1	ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	2	ug/L	1	ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10	ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20	ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L

Well Name: LEACHATE PUMP STATIC.. 5 970824501

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	5	ug/L	1 ug/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/19/97 7:40:00 AM

Report Period: 97/3

Well Name: COMP LEACH PUMP ST. 3&5 970824401

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): ↓

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
94	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	11080	umhos/cm	Fld	umhos/cm
406	pH IN FIELD	GRAB	N	EPA150.1	7.36	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	6320	mg/L	*	mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	29.1	DEG C	Fld	DEG C
425	BICARBONATES	GRAB	N	EPA310.1	2394	mg/L HCO3	.4	mg/L HCO3
940	CHLORIDE	GRAB	N	EPA325.2	2320	mg/L	1	mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	224	mg/L	.05	mg/L
620	NITRATE	GRAB	N	EPA353.2	.08	mg/L	.01	mg/L
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	2.65	mg/L	Fld	mg/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
1002	Arsenic	GRAB	N	EPA6010	12	ug/L	5	ug/L
1007	Barium	GRAB	N	EPA6010	15	ug/L	1	ug/L
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
1027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
1034	Chromium	GRAB	N	EPA6010	< 10	ug/L	10	ug/L
1037	Cobalt	GRAB	N	EPA6010	9	ug/L	5	ug/L
1042	Copper	GRAB	N	EPA6010	75	ug/L	5	ug/L
1045	IRON-ICP METHOD	GRAB	N	EPA6010	8170	ug/L	25	ug/L
1051	Lead	GRAB	N	EPA6010	< 4	ug/L	4	ug/L
1067	Nickel	GRAB	N	EPA6010	100	ug/L	5	ug/L
1147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
1077	Silver	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	1720	mg/L	.025	mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2	ug/L
985	Vanadium	GRAB	N	EPA6010	15	ug/L	5	ug/L
1092	Zinc	GRAB	N	EPA6010	41	ug/L	20	ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2	ug/L

SE Hills LF
Leachate quality

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/17/97 11:56 AM

Report Period: 97/1

Well Name: COMP LEACH PUMP STA. 3&5 970224701

Well Purged (Y/N): N

rc'd 6/11/97

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
94	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	10620	umhos/cm	Fld	umhos/cm
406	pH IN FIELD	GRAB	N	EPA150.1	7.07	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	6100	mg/L	*	mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	30.3	DEG C	Fld	DEG C
425	BICARBONATES	GRAB	N	EPA310.1	2540	mg/L CaCO	1.22	mg/L CaCO
940	CHLORIDE	GRAB	N	EPA325.2	2470	mg/L	.5	mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	241	mg/L	.02	mg/L
620	NITRATE	GRAB	N	EPA353.2	.56	mg/L	.01	mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .01	ug/L	.01	ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5	ug/l
1002	Arsenic	GRAB	N	EPA6010	8	ug/l	5	ug/l
1007	Barium	GRAB	N	EPA6010	15	ug/l	10	ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1	ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2	ug/l
1034	Chromium	GRAB	N	EPA6010	10	ug/l	5	ug/l
1037	Cobalt	GRAB	N	EPA6010	13	ug/l	10	ug/l
1042	Copper	GRAB	N	EPA6010	13	ug/l	2	ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	12500	ug/l	20	ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4	ug/l
1067	Nickel	GRAB	N	EPA6010	95	ug/l	5	ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10	ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10	ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	1520	mg/L	.2	mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2	ug/l
1100	Tin	GRAB	N	EPA6010	< 50	ug/l	50	ug/l
985	Vanadium	GRAB	N	EPA6010	22	ug/l	5	ug/l
1092	Zinc	GRAB	N	EPA6010	< 20	ug/l	20	ug/l
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2	ug/L

* Detection Limit depends on amount of sample digested/extracted

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/17/97 11:50:00

Report Period: 97/1

Well Name: LEACHATE PUMP STATION #5 970224703

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34551	1,2,4-TRICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
38437	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77651	1,2-DIBROMOETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77173	1,3 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34566	1,3-DICHLOROBENZENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81582	1,4-DIOXANE	GRAB	N	EPA8260	< 500	ug/L	500 ug/L
77170	2,2 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
87520	2-CHLORO-1,3-BUTADIENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACETONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34210	ACROLEIN	GRAB	N	EPA8260	< 100	ug/L	100 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
82587	ALLYL CHLORIDE	GRAB	N	EPA8260	< 15	ug/L	15 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE PUMP STATION A 970224703

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	BROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34668	DICHLORODIFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73570	ETHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
34391	HEXACHLOROBUTADIENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	IODOMETHANE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77033	ISOBUTYL ALCOHOL	GRAB	N	EPA8260	< 200	ug/L	200 ug/L
77134	m-XYLENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
87593	METHACRYLONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81597	METHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34696	NAPHTHALENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77135	o-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77133	p-XYLENE	GRAB	N	EPA8260	2	ug/L	1 ug/L
77007	PROPIONITRILE	GRAB	N	EPA8260	< 40	ug/L	40 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Well Name: LEACHATE PUMP STATION # 970224703

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	4	ug/L	1 ug/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/17/97 11:35:00

Report Period: 97/1

Well Name: TRAVEL BLANK 970224704

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34551	1,2,4-TRICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
38437	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77651	1,2-DIBROMOETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77173	1,3 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34566	1,3-DICHLOROBENZENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81582	1,4-DIOXANE	GRAB	N	EPA8260	< 500	ug/L	500 ug/L
77170	2,2 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
87520	2-CHLORO-1,3-BUTADIENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACETONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34210	ACROLEIN	GRAB	N	EPA8260	< 100	ug/L	100 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
82587	ALLYL CHLORIDE	GRAB	N	EPA8260	< 15	ug/L	15 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: TRAVEL BLANK 970224704

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	BROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34668	DICHLORODIFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73570	ETHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34391	HEXACHLOROBUTADIENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	IODOMETHANE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77033	ISOBUTYL ALCOHOL	GRAB	N	EPA8260	< 200	ug/L	200 ug/L
77134	m-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
87593	METHACRYLONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81597	METHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34696	NAPHTHALENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77135	o-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77133	p-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77007	PROPIONITRILE	GRAB	N	EPA8260	< 40	ug/L	40 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Well Name: TRAVEL BLANK 970224704

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/17/97 11:40:00 AM

Report Period: 97/1

Well Name: PRE EQIP BLANK 970224702

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 4	mg/L	* mg/L
425	BICARBONATES	GRAB	N	EPA310.1	< 1.22	mg/L CaCO	1.22 mg/L CaCO
940	CHLORIDE	GRAB	N	EPA325.2	< .5	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	< .02	mg/L	.02 mg/L
620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01 mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .01	ug/L	.01 ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1002	Arsenic	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1007	Barium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1034	Chromium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1042	Copper	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1067	Nickel	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	< .2	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1100	Tin	GRAB	N	EPA6010	< 50	ug/l	50 ug/l
985	Vanadium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34551	1,2,4-TRICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
38437	1,2-DIBROMO-3-CHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77651	1,2-DIBROMOETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: PRE EQIP BLANK 970224702

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77173	1,3 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34566	1,3-DICHLOROBENZENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81582	1,4-DIOXANE	GRAB	N	EPA8260	< 500	ug/L	500 ug/L
77170	2,2 DICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
87520	2-CHLORO-1,3-BUTADIENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACETONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34210	ACROLEIN	GRAB	N	EPA8260	< 100	ug/L	100 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
82587	ALLYL CHLORIDE	GRAB	N	EPA8260	< 15	ug/L	15 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	BROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L

Well Name: PRE EQIP BLANK 970224702

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34668	DICHLORODIFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
73570	ETHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34391	HEXACHLOROBUTADIENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	IODOMETHANE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
77033	ISOBUTYL ALCOHOL	GRAB	N	EPA8260	< 200	ug/L	200 ug/L
77134	m-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
87593	METHACRYLONITRILE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
81597	METHYL METHACRYLATE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34696	NAPHTHALENE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77135	o-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77133	p-XYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77007	PROPIONITRILE	GRAB	N	EPA8260	< 40	ug/L	40 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/20/97 8:15:00 AM

Report Period: 97/1

Well Name: COMP LEACH PUMP ST. 3&5 970228801

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
94	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	10720	umhos/cm	Fld	umhos/cm
406	pH IN FIELD	GRAB	N	EPA150.1	7.43	pH UNITS	Fld	pH UNITS
720	TOTAL CYANIDE	GRAB	N	EPA335.4	< 5	ug/L	5	ug/L
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	5.4	mg/L	Fld	mg/L
745	SULFIDE	GRAB	N	EPA376.2	< .04	mg/L	.04	mg/L
39310	4,4'-DDD	GRAB	N	EPA8080	< .005	ug/L	.005	ug/L
39365	4,4'-DDE	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
39300	4,4'-DDT	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
39330	aldrin	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39337	alpha BHC	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39338	beta BHC	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
39350	chlordane	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
34259	delta BHC	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
39380	dieldrin	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
34361	endosulfan I	GRAB	N	EPA8080	< .007	ug/L	.007	ug/L
34356	endosulfan II	GRAB	N	EPA8080	< .005	ug/L	.005	ug/L
34351	endosulfan sulfate	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39390	endrin	GRAB	N	EPA8080	< .005	ug/L	.005	ug/L
34366	endrin aldehyde	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39410	heptachlor	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39420	heptachlor epoxide	GRAB	N	EPA8080	< .004	ug/L	.004	ug/L
39340	Lindane - gamma BHC	GRAB	N	EPA8080	< .003	ug/L	.003	ug/L
39480	methoxychlor	GRAB	N	EPA8080	< .02	ug/L	.02	ug/L
34671	PCB-1016	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39488	PCB-1221	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39492	PCB-1232	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39496	PCB-1242	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39500	PCB-1248	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39504	PCB-1254	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39508	PCB-1260	GRAB	N	EPA8080	< .04	ug/L	.04	ug/L
39400	toxaphene	GRAB	N	EPA8080	< 1	ug/L	1	ug/L
46314	DIMETHOATE (CYGON)	GRAB	N	EPA8141	< 5	ug/L	5	ug/L
81888	DISULFOTON	GRAB	N	EPA8141	< 5	ug/L	5	ug/L
46315	ETHYL PARATHION	GRAB	N	EPA8141	< 5	ug/L	5	ug/L
39600	METHYL PARATHION	GRAB	N	EPA8141	< 12	ug/L	12	ug/L
46313	PHORATE	GRAB	N	EPA8141	< 11	ug/L	11	ug/L
73553	THIONAZIN	GRAB	N	EPA8141	< 4	ug/L	4	ug/L
39740	2,4,5-T	GRAB	N	EPA8150	< .2	ug/L	.2	ug/L
39760	2,4,5-TP (Silvex)	GRAB	N	EPA8150	< .2	ug/L	.2	ug/L
39730	2,4-D	GRAB	N	EPA8150	< 1	ug/L	1	ug/L
30191	Dinoseb	GRAB	N	EPA8150	< 1	ug/L	1	ug/L
77734	1,2,4,5-Tetrachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10	ug/L
34551	1,2,4-Trichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10	ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: COMP LEACH PUMP ST. 385 970228801

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34536	1,2-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73653	1,3,5-Trinitrobenzene	GRAB	N	EPA8270	< 200	ug/L	200 ug/L
34566	1,3-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34571	1,4-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73599	1,4-Naphthoquinone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73600	1-Naphthylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77770	2,3,4,6-Tetrachlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77687	2,4,5-Trichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34621	2,4,6-Trichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34601	2,4-Dichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34606	2,4-Dimethylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34616	2,4-Dinitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34611	2,4-Dinitrotoluene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77541	2,6-Dichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34626	2,6-Dinitrotoluene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73501	2-Acetylaminofluorene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34581	2-Chloronaphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34586	2-Chlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77416	2-Methylnaphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78118	2-Naphthylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78142	2-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34591	2-Nitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34631	3,3'-Dichlorobenzidine	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
34631	3,3'-Dimethylbenzidine	GRAB	N	EPA8270	< 200	ug/L	200 ug/L
73591	3-Methylcholanthrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78300	3-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34657	4,6-Dinitro-2-methylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77581	4-Aminobiphenyl	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34636	4-Bromophenyl-phenyl-ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34452	4-Chloro-3-methylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34641	4-Chlorophenyl-phenyl ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73605	4-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34646	4-Nitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73622	5-Nitro-o-toluidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73559	7,12-Dimethylbenz(a)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34205	Acenaphthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34205	Acenaphthylene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81553	Acetophenone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34220	Anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34526	Benzo(a)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34247	Benzo(a)pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34230	Benzo(b)fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34521	Benzo(g,h,i)perylene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34242	Benzo(k)fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77147	Benzyl alcohol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34278	Bis(2-chloroethoxy)methane	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34273	Bis(2-chloroethyl)ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34283	Bis(2-chloroisopropyl)ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39100	Bis(2-ethylhexyl)phthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34292	Butylbenzylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39460	Chlorobenzilate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34320	Chrysene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39110	Di-n-butylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: COMP LEACH PUMP ST. 3&5 970228801

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34596	Di-n-octylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73386	Diallate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34556	Dibenz(a,h)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81302	Dibenzofuran	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34336	Diethylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34341	Dimethylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77579	Diphenylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73571	Ethyl methanesulfonate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34862	Famphur	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
34376	Fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34381	Fluorene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39700	Hexachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34391	Hexachlorobutadiene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34386	Hexachlorocyclopentadiene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34396	Hexachloroethane	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73576	Hexachloropropene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34403	Indeno(1,2,3-cd)pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39430	Isodrin	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34408	Isophorone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73554	Isosafrole	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81281	Kepone	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
77151	m-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
*****	m-Dinitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73589	Methapyrilene	GRAB	N	EPA8270	< 2000	ug/L	2000 ug/L
73595	Methylmethanesulfonate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34428	N-Nitroso-di-n-propylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73609	N-Nitrosodi-n-butylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73611	N-Nitrosodiethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34438	N-Nitrosodimethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39933	N-Nitrosodiphenylamine/Dipheny	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73613	N-Nitrosomethylethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73619	N-Nitrosopiperidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73620	N-Nitrosopyrrolidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34696	Naphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34447	Nitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73652	O,O,O-Triethylphosphorothioate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77152	o-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77142	o-Toluidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
43558	p-(Dimethylamino)azobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73529	p-Chloroaniline	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
77146	p-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73628	p-Phenylenediamine	GRAB	N	EPA8270	< 2000	ug/L	2000 ug/L
77793	Pentachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81316	Pentachloronitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39032	Pentachlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73626	Phenacetin	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34461	Phenanthrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34694	Phenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39080	Pronamide	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34469	Pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77545	Safrole	GRAB	N	EPA8270	< 10	ug/L	10 ug/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/20/97 8:00:00 AM

Report Period: 97/1

Well Name: PRE EQUIP BLANK 970228802

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
720	TOTAL CYANIDE	GRAB	N	EPA335.4	< 5	ug/L	5 ug/L
745	SULFIDE	GRAB	N	EPA376.2	< .04	mg/L	.04 mg/L
39310	4,4'-DDD	GRAB	N	EPA8080	< .005	ug/L	.005 ug/L
39365	4,4'-DDE	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
39300	4,4'-DDT	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
39330	aldrin	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39337	alpha BHC	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39338	beta BHC	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
39350	chlordane	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
34259	delta BHC	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
39380	dieldrin	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
34361	endosulfan I	GRAB	N	EPA8080	< .007	ug/L	.007 ug/L
34356	endosulfan II	GRAB	N	EPA8080	< .005	ug/L	.005 ug/L
34351	endosulfan sulfate	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39390	endrin	GRAB	N	EPA8080	< .005	ug/L	.005 ug/L
34366	endrin aldehyde	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39410	heptachlor	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39420	heptachlor epoxide	GRAB	N	EPA8080	< .004	ug/L	.004 ug/L
39340	Lindane - gamma BHC	GRAB	N	EPA8080	< .003	ug/L	.003 ug/L
39480	methoxychlor	GRAB	N	EPA8080	< .02	ug/L	.02 ug/L
34671	PCB-1016	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39488	PCB-1221	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39492	PCB-1232	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39496	PCB-1242	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39500	PCB-1248	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39504	PCB-1254	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39508	PCB-1260	GRAB	N	EPA8080	< .04	ug/L	.04 ug/L
39400	toxaphene	GRAB	N	EPA8080	< 1	ug/L	1 ug/L
46314	DIMETHOATE (CYGON)	GRAB	N	EPA8141	< 5	ug/L	5 ug/L
81888	DISULFOTON	GRAB	N	EPA8141	< 5	ug/L	5 ug/L
46315	ETHYL PARATHION	GRAB	N	EPA8141	< 5	ug/L	5 ug/L
39600	METHYL PARATHION	GRAB	N	EPA8141	< 12	ug/L	12 ug/L
46313	PHORATE	GRAB	N	EPA8141	< 11	ug/L	11 ug/L
73563	THIONAZIN	GRAB	N	EPA8141	< 4	ug/L	4 ug/L
39740	2,4,5-T	GRAB	N	EPA8150	< .2	ug/L	.2 ug/L
39760	2,4,5-TP (Silvex)	GRAB	N	EPA8150	< .2	ug/L	.2 ug/L
39730	2,4-D	GRAB	N	EPA8150	< 1	ug/L	1 ug/L
30191	Dinoseb	GRAB	N	EPA8150	< 1	ug/L	1 ug/L
77734	1,2,4,5-Tetrachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34551	1,2,4-Trichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34536	1,2-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73653	1,3,5-Trinitrobenzene	GRAB	N	EPA8270	< 200	ug/L	200 ug/L
34566	1,3-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L

Well Name: PRE EQUIP BLANK 970228802

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34571	1,4-Dichlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73599	1,4-Naphthoquinone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73600	1-Naphthylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77770	2,3,4,6-Tetrachlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77687	2,4,5-Trichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34621	2,4,6-Trichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34601	2,4-Dichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34606	2,4-Dimethylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34616	2,4-Dinitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34611	2,4-Dinitrotoluene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77541	2,6-Dichlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34626	2,6-Dinitrotoluene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73501	2-Acetylaminofluorene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34581	2-Chloronaphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34586	2-Chlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77416	2-Methylnaphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78118	2-Naphthylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78142	2-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34591	2-Nitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34631	3,3'-Dichlorobenzidine	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
34631	3,3'-Dimethylbenzidine	GRAB	N	EPA8270	< 200	ug/L	200 ug/L
73591	3-Methylcholanthrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
78300	3-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34657	4,6-Dinitro-2-methylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77581	4-Aminobiphenyl	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34636	4-Bromophenyl-phenyl-ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34452	4-Chloro-3-methylphenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34641	4-Chlorophenyl-phenyl ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73605	4-Nitroaniline	GRAB	N	EPA8270	< 50	ug/L	50 ug/L
34646	4-Nitrophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73622	5-Nitro-o-toluidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73559	7,12-Dimethylbenz(a)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34205	Acenaphthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34205	Acenaphthylene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81553	Acetophenone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34220	Anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34526	Benzo(a)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34247	Benzo(a)pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34230	Benzo(b)fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34521	Benzo(g,h,i)perylene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34242	Benzo(k)fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77147	Benzyl alcohol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34278	Bis(2-chloroethoxy)methane	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34273	Bis(2-chloroethyl)ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34283	Bis(2-chloroisopropyl)ether	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39100	Bis(2-ethylhexyl)phthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34292	Butylbenzylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39460	Chlorobenzilate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34320	Chrysene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39110	Di-n-butylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34596	Di-n-octylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73386	Diallate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34556	Dibenz(a,h)anthracene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: PRE EQUIP BLANK 970228802

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
81302	Dibenzofuran	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34336	Diethylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34341	Dimethylphthalate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77579	Diphenylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73571	Ethyl methanesulfonate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34862	Famphur	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
34376	Fluoranthene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34381	Fluorene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39700	Hexachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34391	Hexachlorobutadiene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34386	Hexachlorocyclopentadiene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34396	Hexachloroethane	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73576	Hexachloropropene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34403	Indeno(1,2,3-cd)pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39430	Isodrin	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34408	Isophorone	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73554	Isosafrole	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81281	Kepone	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
77151	m-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
*****	m-Dinitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73589	Methapyrilene	GRAB	N	EPA8270	< 2000	ug/L	2000 ug/L
73595	Methylmethanesulfonate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34428	N-Nitroso-di-n-propylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73609	N-Nitrosodi-n-butylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73611	N-Nitrosodiethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34438	N-Nitrosodimethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39933	N-Nitrosodiphenylamine/Dipheny	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73613	N-Nitrosomethylethylamine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73619	N-Nitrosopiperidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73620	N-Nitrosopyrrolidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34696	Naphthalene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34447	Nitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73652	O,O,O-Triethylphosphorothioate	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77152	o-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77142	o-Toluidine	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
43558	p-(Dimethylamino)azobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73529	p-Chloroaniline	GRAB	N	EPA8270	< 20	ug/L	20 ug/L
77146	p-cresol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73628	p-Phenylenediamine	GRAB	N	EPA8270	< 2000	ug/L	2000 ug/L
77793	Pentachlorobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
81316	Pentachloronitrobenzene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39032	Pentachlorophenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
73626	Phenacetin	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34461	Phenanthrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34694	Phenol	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
39080	Pronamide	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
34469	Pyrene	GRAB	N	EPA8270	< 10	ug/L	10 ug/L
77545	Safrole	GRAB	N	EPA8270	< 10	ug/L	10 ug/L

HILLSBOROUGH COUNTY

Florida

December 2, 1996

D.E.P.
DEC 06 1996
TAMPA

Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Operating Permit No. SO29-256427 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of August 1, 1996 through January 31, 1997 in accordance with Permit No. SO29-256247. Samples were collected by the Department of Solid Waste in August, 1996 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

In addition to the routine semi-annual monitoring parameters, monitor wells TH-57 and TH-58 were analyzed for the parameters listed in 62-701.510(8) (a) and (b).

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Sheree Henninger, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/7/96 12:00:00 PM

Report Period: 96/3

Well Name: LEACHATE PUMP STATION 5 960814201

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34418	CHLOROMETHANE	GRAB	N	EPA 524	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA 524	< 5	ug/L	5 ug/L
406	pH IN FIELD	GRAB	N	EPA150.1	6.83	pH UNITS	Fld pH UNITS
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	31.4	DEG C	Fld DEG C
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	1.75	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	2	ug/L	5 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
78124	BENZENE	GRAB	N	EPA8260	2	ug/L	ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	3	ug/L	5 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	5	ug/L	5 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Well Name: LEACHATE PUMP STATION 2 960814201

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	4	ug/L	ug/L
81551	XYLENES	GRAB	N	EPA8260	9	ug/L	ug/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	9970	umhos/cm	Fld umhos/cm

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/7/96 12:07:00 PM

Report Period: 96/3

Well Name: COMP. LEACH. PUMP STA. 3&5 960814202

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NR

Depth to Water (ft.): NR

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	6450	mg/L	* mg/L
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
425	BICARBONATES	GRAB	N	EPA310.1	2390	mg/L	1 mg/L
940	CHLORIDE	GRAB	N	EPA325.2	3050	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	209	mg/L as N	.02 mg/L as N
620	NITRATE	GRAB	N	EPA353.2	.13	mg/L as N	.01 mg/L as N
1097	Antimony	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1002	Arsenic	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1007	Barium	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1034	Chromium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
1042	Copper	GRAB	N	EPA6010	12	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	14700	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 8	ug/l	8 ug/l
1067	Nickel	GRAB	N	EPA6010	90	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
1077	Silver	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	1822	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
985	Vanadium	GRAB	N	EPA6010	14	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	< 40	ug/l	40 ug/l

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/8/96 9:12:00 AM

Report Period: 96/3

Well Name: BARNES 960815706

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34418	CHLOROMETHANE	GRAB	N	EPA 524	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA 524	< 5	ug/L	5 ug/L
406	pH IN FIELD	GRAB	N	EPA150.1	7.22	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	244	mg/L	* mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.2	DEG C	Fld DEG C
82079	TURBIDITY	GRAB	N	EPA180.1	< .1	ntu	.1 ntu
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
940	CHLORIDE	GRAB	N	EPA325.2	10.8	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.09	mg/L as N	.02 mg/L as N
620	NITRATE	GRAB	N	EPA353.2	.08	mg/L as N	.01 mg/L as N
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	2.3	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1002	Arsenic	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1007	Barium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1034	Chromium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1042	Copper	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	41	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1067	Nickel	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	15.1	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
985	Vanadium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	83	ug/l	20 ug/l
34475	TETRACHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: BARNES 960815706

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
1501	ALPHA, TOTAL	GRAB	N	EPA900.0	3.2	pCi/L	.1 pCi/L
1502	ALPHA-counting error	GRAB	N	EPA900.0	2	pCi/L	pCi/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	412	umhos/cm	Fld umhos/cm

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/8/96 9:12:00 AM

Report Period: 96/3

Well Name: BARNES-DUP 960815707

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34418	CHLOROMETHANE	GRAB	N	EPA 524	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA 524	< 5	ug/L	5 ug/L
406	pH IN FIELD	GRAB	N	EPA150.1	7.22	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	256	mg/L	* mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.2	DEG C	Fld DEG C
82079	TURBIDITY	GRAB	N	EPA180.1	< .1	ntu	.1 ntu
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
940	CHLORIDE	GRAB	N	EPA325.2	10.6	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.1	mg/L as N	.02 mg/L as N
620	NITRATE	GRAB	N	EPA353.2	.95	mg/L as N	.01 mg/L as N
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	2.3	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1002	Arsenic	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1007	Barium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1034	Chromium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1042	Copper	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	< 20	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1067	Nickel	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	14.7	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
985	Vanadium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	79	ug/l	20 ug/l
34475	TETRACHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: BARNES-DUP 960815707

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
1501	ALPHA, TOTAL	GRAB	N	EPA900.0	3.3	pCi/L	.1 pCi/L
1502	ALPHA-counting error	GRAB	N	EPA900.0	2.1	pCi/L	pCi/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	412	umhos/cm	Fld umhos/cm

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/8/96 8:21:00 AM

Report Period: 96/3

Well Name: MCBRIDE 960815705 Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34418	CHLOROMETHANE	GRAB	N	EPA 524	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA 524	< 5	ug/L	5 ug/L
406	pH IN FIELD	GRAB	N	EPA150.1	7.57	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	200	mg/L	* mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	25	DEG C	Fld DEG C
82079	TURBIDITY	GRAB	N	EPA180.1	.622	ntu	.1 ntu
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
940	CHLORIDE	GRAB	N	EPA325.2	7.35	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.02	mg/L as N	.02 mg/L as N
620	NITRATE	GRAB	N	EPA353.2	.08	mg/L as N	.01 mg/L as N
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	3.01	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1002	Arsenic	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1007	Barium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1034	Chromium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1042	Copper	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	186	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1067	Nickel	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	6.91	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
985	Vanadium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	93	ug/l	20 ug/l
34475	TETRACHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: MCBRIDE 960815705

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
1501	ALPHA, TOTAL	GRAB	N	EPA900.0	4.8	pCi/L	.1 pCi/L
1502	ALPHA-counting error	GRAB	N	EPA900.0	2.1	pCi/L	pCi/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	346	umhos/cm	Fld umhos/cm

Facility GMS #:

Test Site ID #:

Sample Date/Time: 8/8/96 10:05:00 AM

Report Period: 96/3

Well Name: WEEKS 960815702 Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): N/A

Depth to Water (ft.): N/A

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34418	CHLOROMETHANE	GRAB	N	EPA 524	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA 524	< 5	ug/L	5 ug/L
406	pH IN FIELD	GRAB	N	EPA150.1	6.87	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	292	mg/L	* mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.4	DEG C	Fld DEG C
82079	TURBIDITY	GRAB	N	EPA180.1	1.95	ntu	.1 ntu
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
940	CHLORIDE	GRAB	N	EPA325.2	19.5	mg/L	.5 mg/L
610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.03	mg/L as N	.02 mg/L as N
620	NITRATE	GRAB	N	EPA353.2	.04	mg/L as N	.01 mg/L as N
300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	2.58	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
1097	Antimony	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1002	Arsenic	GRAB	N	EPA6010	5	ug/l	5 ug/l
1007	Barium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1012	Beryllium	GRAB	N	EPA6010	< 1	ug/l	1 ug/l
1027	Cadmium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1034	Chromium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1037	Cobalt	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1042	Copper	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA6010	458	ug/l	20 ug/l
1051	Lead	GRAB	N	EPA6010	< 4	ug/l	4 ug/l
1067	Nickel	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1147	Selenium	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
1077	Silver	GRAB	N	EPA6010	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA6010	7.48	mg/L	.2 mg/L
1059	Thallium	GRAB	N	EPA6010	< 2	ug/l	2 ug/l
985	Vanadium	GRAB	N	EPA6010	< 5	ug/l	5 ug/l
1092	Zinc	GRAB	N	EPA6010	170	ug/l	20 ug/l
34475	TETRACHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: WEEKS 960815702

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77103	2-HEXANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 8	ug/L	8 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34371	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 20	ug/L	20 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 10	ug/L	10 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
1501	ALPHA, TOTAL	GRAB	N	EPA900.0	10.4	pCi/L	.1 pCi/L
1502	ALPHA-counting error	GRAB	N	EPA900.0	3.7	pCi/L	pCi/L
9501	RADIUM 226 IN WATER	GRAB	N	EPA903.1	9.5	pCi/L	.1 pCi/L
9502	RADIUM 226-counting error	GRAB	N	EPA903.1	.3	pCi/L	pCi/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	525	umhos/cm	Fld umhos/cm

SE Hills landfill leachate results

Facility GMS #: 4029C30075

Test Site ID #:

Sample Date/Time: 5/13/96 10:56:00 AM

Report Period: 96/2

rcd 8/2/96

Well Name: LEACHATE TANK

960519501

Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	12850	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	7.3	pH UNITS	.1 pH UNITS
406	pH IN FIELD	GRAB	N	EPA150.1	7.02	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	6770	mg/L	* mg/L
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	49	mg/L	* mg/L
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	30.1	oC	Fld oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	73	ug/l	50 ug/l
1096	ANTIMONY-TRACE METHOD	GRAB	N	EPA200.7	< 5	ug/l	5 ug/l
1002	ARSENIC-TRACE METHOD	GRAB	N	EPA200.7	16	ug/l	5 ug/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	20	ug/l	10 ug/l
1012	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< 1	ug/l	1 ug/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< 2	ug/l	2 ug/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	13	ug/l	5 ug/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	7	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	13300	ug/l	20 ug/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	80	ug/l	5 ug/l
1147	SELENIUM-TRACE METHOD	GRAB	N	EPA200.7	12	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1970	mg/L	.025 mg/L
1057	THALLIUM-TRACE METHOD	GRAB	N	EPA200.7	< 2	ug/l	2 ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/L	1 ug/L
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/L	.2 ug/L
445	CARBONATES	GRAB	N	EPA310.1	1900	mg/Liter	1 mg/Liter
940	CHLORIDE	GRAB	N	EPA325.2	2750	mg/L	.5 mg/L
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	369	mg/L as N	.1 mg/L as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/L as N	.01 mg/L as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	369	mg/L as N	.1 mg/L as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	.2	mg/L as P	.02 mg/L as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	54	mg/Liter	1 mg/Liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	1130	mg/L	1 mg/L
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/L	5 mg/L
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	1	ug/L	1 ug/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	ug/L	10 ug/L
78124	benzene	GRAB	N	EPA624	1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 960519501

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32104	bromoform	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34413	bromomethane	GRAB	N	EPA624	< 2	ug/L	2 ug/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34301	chlorobenzene	GRAB	N	EPA624	2	ug/L	1 ug/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34311	chloroethane	GRAB	N	EPA624	< 2	ug/L	2 ug/L
32106	chloroform	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34418	chloromethane	GRAB	N	EPA624	< 2	ug/L	2 ug/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34371	ethylbenzene	GRAB	N	EPA624	3	ug/L	1 ug/L
85795	m - p Xylenes	GRAB	N	EPA624	3	ug/L	2 ug/L
34423	methylene chloride	GRAB	N	EPA624	< 1	ug/L	1 ug/L
77135	O-XYLENE	GRAB	N	EPA624	3	ug/L	1 ug/L
34475	tetrachloroethene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
78131	toluene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39180	trichloroethene	GRAB	N	EPA624	< 1	ug/L	1 ug/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	ug/L	1 ug/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	ug/L	1 ug/L
32104	bromoform	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	carbon tetrachloride	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	trichlorofluoromethane	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	1202	umhos/cm	Fld umhos/cm

leachate file

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS
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Senior Assistant County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Cretta Johnson
Jimmie Keel
Robert Taylor

April 16, 1996

APR 25 1996

Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of February 1, 1996 through April 30, 1996 in accordance with Permit No. S029-158504. Samples were collected by the Department of Solid Waste in February, 1996 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Sheree Henninger, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/12/96 12:05:00 M

Report Period: 96/1

Well Name: LEACHATE TANK 960217601

Well Purged (Y/N): N

Classification of Ground Water: G-II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	10000	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	7.4	pH UNITS	.1 pH UNITS
406	pH IN FIELD	GRAB	N	EPA150.1	6.97	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	4780	mg/l	* mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	52	mg/l	* mg/l
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	27	oC	Fld oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	80	ug/l	50 ug/l
1096	ANTIMONY-TRACE METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
1002	ARSENIC-TRACE METHOD	GRAB	N	EPA200.7	.023	mg/l	.005 mg/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	22	ug/l	10 ug/l
1012	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< 1	ug/l	1 ug/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	2.2	ug/l	2 ug/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	11	ug/l	5 ug/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	5	ug/l	2 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	17100	ug/l	20 ug/l
1049	LEAD-TRACE METHOD	GRAB	N	EPA200.7	< .004	mg/l	.004 mg/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	77	ug/l	5 ug/l
1147	SELENIUM-TRACE METHOD	GRAB	N	EPA200.7	.018	mg/l	.01 mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1350	mg/l	.025 mg/l
1057	THALLIUM-TRACE METHOD	GRAB	N	EPA200.7	< .002	mg/l	.002 mg/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2 ug/l
445	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1 mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	2140	mg/l	.5 mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	292	mg/l as N	.1 mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	.03	mg/l as N	mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	292.03	mg/l as N	.1 mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	2.39	mg/l as P	.02 mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	45	mg/liter	1 mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	755	mg/l	1 mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	6.67	mg/l	5 mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
78124	benzene	GRAB	N	EPA624	1	UG/L	1 UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 960217601

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	2	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	2	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	2	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	2	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
78131	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
32102	carbon tetrachloride	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	9380	umhos/cm	Fld umhos/cm

* Detection Limit depends on amount of sample digested/extracted

SE Hillsborough LF Leachate file

Facility GMS #:

Sample Date/Time: 11/14/95 7:20:00 AM

Test Site ID #:

Report Period: 95/4

Well Name: LEACHATE TANK 951119101

Well Purged (Y/N):

Classification of Ground Water: G-II

Well Type:

Ground Water Elevation (NGVD): N A

Depth to Water (ft.): ↓

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
95	CONDUCTIVITY	GRAB	N	EPA120.1	10300	umhos/cm	10	umhos/cm
403	pH	GRAB	N	EPA150.1	7.04	pH UNITS	.1	pH UNITS
406	pH IN FIELD	GRAB	N	EPA150.1	6.81	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	5520	mg/l	*	mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	39	mg/l	*	mg/l
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	27.1	oC	Fld	oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	< 500	ug/l	500	ug/l
1097	ANTIMONY-ICP METHOD	GRAB	N	EPA200.7	< 5000	ug/l	5000	ug/l
1002	ARSENIC-ICP METHOD	GRAB	N	EPA200.7	15000	ug/l	10000	ug/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< 1000	ug/l	1000	ug/l
1012	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< 10	ug/l	10	ug/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< 50	ug/l	50	ug/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< 100	ug/l	100	ug/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	220	ug/l	10	ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	11800	ug/l	20	ug/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	130	ug/l	5	ug/l
1147	SELENIUM-ICP METHOD	GRAB	N	EPA200.7	< 10000	ug/l	10000	ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1700	mg/l	.025	mg/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/l	1	ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2	ug/l
1059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 2	ug/l	2	ug/l
445	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1	mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	2250	mg/l	.5	mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	351	mg/l as N	.1	mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	.04	mg/l as N	.01	mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	351	mg/l as N	.1	mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	.73	mg/l as P	.02	mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	14	mg/liter	1	mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	954	mg/l	1	mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	8.78	mg/l	5	mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10	UG/L
78124	benzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 951119101

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	4	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	4	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	2	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
78131	toluene	GRAB	N	EPA624	1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
32102	carbon tetrachloride	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	10760	umhos/cm	Fld umhos/cm

Leachate File

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS
Dottie Berger
Phyllis Busansky
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Chris Hart
Jim Norman
Ed Turanchik
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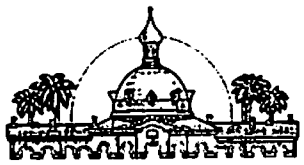
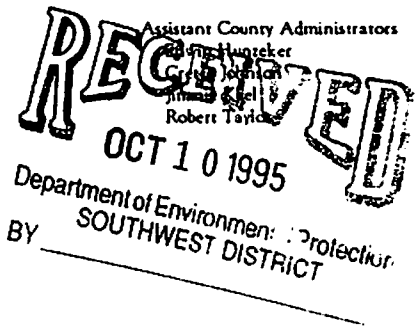
Senior Assistant County Administrator
Patricia Bean

Assistant County Administrators
Robert Taylor



September 28, 1995



Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of August 1, 1995 through October 31, 1995 in accordance with Permit No. S029-158504. Samples were collected by the Department of Solid Waste in August, 1995 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Sheree Henninger, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

Facility GMS #: 4029C30075

Test Site ID #:

Sample Date/Time: 8/7/95 7:35:00 AM

Report Period: 95/3

Well Name: LEACHATE TANK 950810501

Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	7700	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	6.69	pH UNITS	.1 pH UNITS
406	pH IN FIELD	GRAB	N	EPA150.1	6.79	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	3810	mg/l	* mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	60	mg/l	* mg/l
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	29.1	oC	Fld oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	80	ug/l	50 ug/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< 100	ug/l	100 ug/l
1012	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< 1	ug/l	1 ug/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< 5	ug/l	5 ug/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< 10	ug/l	10 ug/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	< 10	ug/l	10 ug/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	17600	ug/l	20 ug/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	50	ug/l	5 ug/l
1147	SELENIUM-ICP METHOD	GRAB	N	EPA200.7	< .02	mg/l	.02 mg/l
1077	SILVER-ICP METHOD	GRAB	N	EPA200.7	< 10	ug/l	10 ug/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1080	mg/l	.025 mg/l
1097	ANTIMONY-FURNACE METHOD	GRAB	N	EPA204.2	< 5	ug/l	5 ug/l
1002	ARSENIC-FURNACE METHOD	GRAB	N	EPA206.2	< 10	ug/l	10 ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/l	1 ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2 ug/l
1059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 1	ug/l	1 ug/l
445	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1 mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	1898	mg/l	.5 mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	2.47	mg/l as N	.1 mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/l as N	.01 mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	2.49	mg/l as N	.1 mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	1.36	mg/l as P	.02 mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	21	mg/liter	1 mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	586	mg/l	1 mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	5.05	mg/l	5 mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 950810501

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
78124	benzene	GRAB	N	EPA624	1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	2	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	3	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	3	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	2	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
78131	toluene	GRAB	N	EPA624	2	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
32102	carbon tetrachloride	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA8260	< 1	UG/L	1 UG/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	7950	umhos/cm	Fld umhos/cm

SOUTHEAST LANDFILL - PICNIC SITE

CODISPOSAL LANDFILL

70% WTE ASH and 30% OTHER

LANDFILL LEACHATE DATA

HILLSBOROUGH COUNTY, FL

SAMPLE DATE	ANALYTICAL PARAMETERS										
	Arsenic ug/l	Barium ug/l	Cadmium ug/l	Chromium ug/l	Lead ug/l	Mercury ug/l	Selenium ug/l	Silver ug/l	Conductivity umhos/cm	pH std. units	TDS mg/l
2/6/86	< 10.0	120.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0	3,200	6.20	
11/26/86	< 10.0	< 100.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0	3,250	6.30	2,050
2/25/87	< 10.0	< 100.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0			2,350
5/20/87	10.0	550.0		17.0					5,500	7.00	3,320
5/21/87	30.0								4,300	6.70	2,890
8/12/87	25.0								4,600	6.50	2,90[illegible]
11/17/87	21.0								6,600		3,85[illegible]
11/17/87	23.0								4,400		2,550
2/18/88	27.0										1,619
2/18/88	18.0										2,712
5/24/88	14.0				12.0				6,100	6.60	2,768
5/24/88	41.0				19.0				4,500	6.60	1,874
8/25/88	12.0				10.0					6.81	3,120
11/9/88	57.0	100.0		56.0	25.0	0.6			5,500	6.45	2,364
11/9/88		970.0	33.0	365.0	1634.0	0.2			6,990	6.60	3,273
2/16/89											2,104
2/16/89											1,304
2/21/89				12.0					4,200	7.87	2,664
2/21/89				26.0	5.0				2,090	6.79	1,682
5/25/89	26.0									7.12	2,604
8/29/89	27.0										2,606
11/30/89										7.12	2,652
2/5/90										7.02	2,21[illegible]
5/17/90	10.0									7.23	2,68[illegible]
8/10/90	10.0								5,680	7.13	3,020
11/15/90	20.0								6,810	7.09	3,190
2/12/91	20.0			254.0	11.0				7,000	7.18	3,560
2/18/93				50.0					824	7.02	4,080
5/20/93				10.0					9,230	6.90	3,960
MIN OF DETECTS	10.0	100.0	33.0	10.0	5.0	0.2	0.0	0.0	824	6.20	1,304
MAX OF DETECTS	57.0	970.0	33.0	365.0	1,634	0.6	0.0	0.0	9,230	7.87	4,080
AVG OF DETECTS	23.0	435.0	33.0	98.8	245.1	0.4	0.0	0.0	5,043	6.87	2,713
TCLP LIMIT	5,000	100,000	1,000	5,000	5,000	200	1,000	5,000	NL	NL	NL
# OF DETECTS	17	4	1	8	7	2	0	0	18	21	28

NOTES :

< = Detection Limit

NL = No Regulatory Limit

JAM2

SE Hills Leachate file
Hills Co

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Daniel A. Kleman

Senior Assistant County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Cretta Johnson
Jimmie Keel
Robert Taylor

August 18, 1995

Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

LEACHATE TANK

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of May 1, 1995 through July 31, 1995 in accordance with Permit No. S029-158504. Samples were collected by the Department of Solid Waste in May, 1995 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Sheree Henninger, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/16/95 9:00:00

Report Period: 95/2

Well Name: LEACHATE TANK 950526201

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	1007	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	7.56	pH UNITS	.1 pH UNITS
406	pH IN FIELD	GRAB	N	EPA150.1	6.75	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	4840	mg/l	* mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	76	mg/l	* mg/l
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	28.8	oC	Fld oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	.06	mg/l	.05 mg/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< .1	mg/l	.1 mg/l
1010	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< .001	mg/l	.001 mg/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	12.8	mg/l	.02 mg/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	.07	mg/l	.005 mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1250	mg/l	.025 mg/l
1097	ANTIMONY-FURNACE METHOD	GRAB	N	EPA204.2	< 5	ug/l	5 ug/l
1002	ARSENIC-FURNACE METHOD	GRAB	N	EPA206.2	< 10	ug/l	10 ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/l	1 ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2 ug/l
1147	SELENIUM-FURNACE METHOD	GRAB	N	EPA270.2	< 10	ug/l	10 ug/l
01059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 1	ug/l	1 ug/l
440	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1 mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	1480	mg/l	.5 mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	238	mg/l as N	.1 mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/l as N	.01 mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	2.31	mg/l as N	.1 mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	1.49	mg/l as P	.02 mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	31	mg/liter	1 mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	845	mg/l	1 mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/l	5 mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	2	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
34030	benzene	GRAB	N	EPA624	2	UG/L	1 UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 950526201

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	2	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	4	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	4	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	3	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	10670	coc units	Fld coc units

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/16/95 9:54:0[illegible] M

Report Period: 95/2

Well Name: EQUIP BLANK 950525804 Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
95	CONDUCTIVITY	GRAB	N	EPA120.1	47.7	umhos/cm	10	umhos/cm
403	pH	GRAB	N	EPA150.1	4.35	pH UNITS	0.1	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 20	mg/l	*	mg/l
82079	TURBIDITY	GRAB	N	EPA180.1	3.66	ntu	0.10	ntu
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	< .02	mg/l	0.02	mg/l
940	CHLORIDE	GRAB	N	EPA325.2	19.5	mg/l	0.5	mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	.1	mg/l as N	0.1	mg/l as N
620	NITRATE	GRAB	N	EPA353.2	< .05	mg/l as N	.01	mg/l as N
945	SULFATE	GRAB	N	EPA375.4	< 1	mg/l	1	mg/l
680	TOTAL ORGANIC CARBON	GRAB	N	EPA415.1	< 1	mg/l as C	1	mg/l as C
1501	ALPHA, TOTAL	GRAB	N	EPA900.0	0	pCi/l	0.1	pCi/l
1502	ALPHA-counting error	GRAB	N	EPA900.0	.5	pCi/l		pCi/l
46570	TOTAL HARDNESS	GRAB	N	SM2340B	< 6.62	mg/l as Ca	6.62	mg/l as Ca

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/16/95 8:50:0[illegible] AM

Report Period: 95/2

Well Name: TRAVEL BLANK 950526106 Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
34030	benzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	< 2	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	< 1	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L

* Detection Limit depends on amount of sample digested/extracted

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/17/95 7:12:00 AM

Report Period: 95/2

Well Name: EQUIP BLANK 950525903

Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
95	CONDUCTIVITY	GRAB	N	EPA120.1	1.64	umhos/cm	10	umhos/cm
403	pH	GRAB	N	EPA150.1	5.02	pH UNITS	0.1	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 20	mg/l	*	mg/l
82079	TURBIDITY	GRAB	N	EPA180.1	1.15	ntu	0.10	ntu
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	< .02	mg/l	.02	mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	< .025	mg/l	.025	mg/l
440	BICARBONATES	GRAB	N	EPA310.1	< 1	mg/l	1	mg/l
940	CHLORIDE	GRAB	N	EPA325.2	41	mg/l	0.5	mg/l
50060	RESIDUAL CHLORINE-DPD	GRAB	N	EPA330.5	< .1	mg/liter	.1	mg/liter
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	< .1	mg/l as N	0.1	mg/l as N
620	NITRATE	GRAB	N	EPA353.2	< .05	mg/l as N	.01	mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .05	mg/l as N	.01	mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	< .1	mg/l as N	.1	mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	< .02	mg/l as P	.02	mg/l as P
945	SULFATE	GRAB	N	EPA375.4	< 1	mg/l	1	mg/l
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	< 1	mg/liter	1	mg/liter
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/l	5	mg/l
680	TOTAL ORGANIC CARBON	GRAB	N	EPA415.1	< 1	mg/l as C	1	mg/l as C

* Detection Limit depends on amount of sample digested/extracted

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/15/95 9:35:00 AM

Report Period: ~~05/5~~ 95/2 2.7M.

Well Name: EQIP BLANK 950523203

Well Purged (Y/N):

Classification of Ground Water:

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
95	CONDUCTIVITY	GRAB	N	EPA120.1	1.65	umhos/cm	10	umhos/cm
403	pH	GRAB	N	EPA150.1	5.91	pH UNITS	0.1	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	22	mg/l	20	mg/l
82079	TURBIDITY	GRAB	N	EPA180.1	.12	ntu	0.10	ntu
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	< .02	mg/l	.02	mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	< .025	mg/l	.025	mg/l
440	BICARBONATES	GRAB	N	EPA310.1	1.83	mg/l	1	mg/l
940	CHLORIDE	GRAB	N	EPA325.2	< .5	mg/l	.5	mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	< .1	mg/l as N	.1	mg/l as N
620	NITRATE	GRAB	N	EPA353.2	< .01	mg/l as N	.01	mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/l as N	.01	mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	< .1	mg/l as N	.1	mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	< .02	mg/l as P	.02	mg/l as P
945	SULFATE	GRAB	N	EPA375.4	< 1	mg/l	1	mg/l
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	< 1	mg/liter	1	mg/liter
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/l	5	mg/l
680	TOTAL ORGANIC CARBON	GRAB	N	EPA415.1	< 1	mg/l as C	1	mg/l as C
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/l	.02	ug/l
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/l	.02	ug/l
39350	Chlordane	GRAB	N	EPA505	< .2	UG/L	.2	UG/L
39390	Endrin	GRAB	N	EPA505	< .3	UG/L	.3	UG/L
39410	Heptachlor	GRAB	N	EPA505	< .05	UG/L	.05	UG/L
39420	Heptachlor Epoxide	GRAB	N	EPA505	< .05	UG/L	.05	UG/L
39700	Hexachlorobenzene	GRAB	N	EPA505	< .05	UG/L	.05	UG/L
34386	Hexachlorocyclopentadiene	GRAB	N	EPA505	< .3	UG/L	.3	UG/L
39340	Lindane	GRAB	N	EPA505	< .05	UG/L	.05	UG/L
39480	Methoxychlor	GRAB	N	EPA505	< 2	UG/L	2	UG/L
39500	Polychlorinated Biphenyl (PCB)	GRAB	N	EPA505	< .4	UG/L	.4	UG/L
39400	Toxaphene	GRAB	N	EPA505	< 1	UG/L	1	UG/L
77903	DI(2-ETHYLHEXYL)ADIPATE	GRAB	N	EPA506	< 20	ug/l	20	ug/l
39103	DI(2-ETHYLHEXYL)PHTHALATE	GRAB	N	EPA506	< 5	ug/l	5	ug/l
77825	Alachlor	GRAB	N	EPA507	< 1	UG/L	1	UG/L
39033	Atrazine	GRAB	N	EPA507	< .5	UG/L	.5	UG/L
39055	Simazine	GRAB	N	EPA507	< .5	UG/L	.5	UG/L
39760	2,4,5-TP (Silvex)	GRAB	N	EPA515.1	< .2	UG/L	.2	UG/L
39730	2,4-D	GRAB	N	EPA515.1	< 1	UG/L	1	UG/L
38432	Dalapon	GRAB	N	EPA515.1	< 6	UG/L	6	UG/L
30191	Dinoseb	GRAB	N	EPA515.1	< 1	UG/L	1	UG/L
39032	Pentachlorophenol	GRAB	N	EPA515.1	< 1	UG/L	1	UG/L
39720	Picloram	GRAB	N	EPA515.1	< 1	UG/L	1	UG/L
34501	1,1 dichloroethylene	GRAB	N	EPA524.2	< .5	UG/L	.5	UG/L
34496	1,1,1-trichloroethane	GRAB	N	EPA524.2	< .5	UG/L	.5	UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA524.2	< .5	UG/L	.5	UG/L

Well Name: EQIP BLANK 950523203

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34551	1,2,4-trichlorobenzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34030	benzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
32101	Bromodichloromethane	GRAB	N	EPA524.2	< 1	UG/L	1 UG/L
32104	Bromoform	GRAB	N	EPA524.2	< 1	UG/L	1 UG/L
32102	carbon tetrachloride	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
32106	Chloroform	GRAB	N	EPA524.2	< 1	UG/L	1 UG/L
77093	Cis-1,2-dichloroethylene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
32105	Dibromochloromethane	GRAB	N	EPA524.2	< 1	UG/L	1 UG/L
34423	dichloromethane	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34371	ethylbenzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34301	monochlorobenzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34536	o-dichlorobenzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34571	para-dichlorobenzene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
77128	styrene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
34475	tetrachloroethylene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
78131	toluene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
82080	Total Trihalomethanes	GRAB	N	EPA524.2	< 4	UG/L	4 UG/L
34546	trans 1,2 dichloroethylene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
39180	trichloroethylene	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
39175	vinyl chloride	GRAB	N	EPA524.2	< .5	UG/L	.5 UG/L
81551	xylenes (total)	GRAB	N	EPA524.2	< 1	UG/L	1 UG/L
82615	Carbofuran	GRAB	N	EPA531.1	< 1	UG/L	1 UG/L
38865	Oxamyl (Vydate)	GRAB	N	EPA531.1	< 1	UG/L	1 UG/L
79743	GLYPHOSATE (ROUNDUP)	GRAB	N	EPA547	< 6	ug/l	6 ug/l
38926	ENDOTHALL	GRAB	N	EPA548.1	< 11.5	ug/l	11.5 ug/l
78885	DIQUAT	GRAB	N	EPA549.1	< 2	ug/l	2 ug/l
34247	BENZO(A)PYRENE	GRAB	N	EPA550.1	< .1	ug/l	.1 ug/l

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/16/95 8:52:00 AM

Report Period: 95/2

Well Name: PRE EQUIP BLANK 950526202

Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	6.2	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	5.73	pH UNITS	.1 pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 20	mg/l	* mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	< 4	mg/l	* mg/l
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	< .05	mg/l	.05 mg/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< .1	mg/l	.1 mg/l
1010	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< .001	mg/l	.001 mg/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	.05	mg/l	.02 mg/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	3.45	mg/l	.025 mg/l
1097	ANTIMONY-FURNACE METHOD	GRAB	N	EPA204.2	< 5	ug/l	5 ug/l
1002	ARSENIC-FURNACE METHOD	GRAB	N	EPA206.2	< 10	ug/l	10 ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/l	1 ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2 ug/l
1147	SELENIUM-FURNACE METHOD	GRAB	N	EPA270.2	< 10	ug/l	10 ug/l
01059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 1	ug/l	1 ug/l
440	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1 mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	< .5	mg/l	.5 mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	< .1	mg/l as N	.1 mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/l as N	.01 mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	< .1	mg/l as N	.1 mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	< .02	mg/l as P	.02 mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	< 1	mg/liter	1 mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	< 1	mg/l	1 mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/l	5 mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
34030	benzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: PRE EQUIP BLANK 950526202

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	< 2	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	< 1	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/16/95 8:52:00 AM

Report Period: 95/2

Well Name: PRE EQUIP BLANK 950526202

Well Purged (Y/N): NA

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
95	CONDUCTIVITY	GRAB	N	EPA120.1	6.2	umhos/cm	10 umhos/cm
403	pH	GRAB	N	EPA150.1	5.73	pH UNITS	.1 pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 20	mg/l	* mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	< 4	mg/l	* mg/l
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	< .05	mg/l	.05 mg/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< .1	mg/l	.1 mg/l
1010	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< .001	mg/l	.001 mg/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01 mg/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	.05	mg/l	.02 mg/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	< .005	mg/l	.005 mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	3.45	mg/l	.025 mg/l
1097	ANTIMONY-FURNACE METHOD	GRAB	N	EPA204.2	< 5	ug/l	5 ug/l
1002	ARSENIC-FURNACE METHOD	GRAB	N	EPA206.2	< 10	ug/l	10 ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	< 1	ug/l	1 ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2 ug/l
1147	SELENIUM-FURNACE METHOD	GRAB	N	EPA270.2	< 10	ug/l	10 ug/l
01059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 1	ug/l	1 ug/l
440	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1 mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	< .5	mg/l	.5 mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	< .1	mg/l as N	.1 mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	< .01	mg/l as N	.01 mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	< .1	mg/l as N	.1 mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	< .02	mg/l as P	.02 mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	< 1	mg/liter	1 mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	< 1	mg/l	1 mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	< 5	mg/l	5 mg/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
34030	benzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: PRE EQUIP BLANK 950526202

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	< 2	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	< 1	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/15/95 9:52:[illegible] M

Report Period: ~~05/5~~ 95/2 2 m.

Well Name: TRAVEL BLANK 950523109

Well Purged (Y/N):

Classification of Ground Water:

Ground Water Elevation (NGVD): NA

Ground Water Elevation (ft. MSL): ↓

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10 UG/L
34030	benzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	< 2	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	< 1	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L

Southeast Laboratory

April 3, 1995 07:26

CERTIFICATE OF ANALYSIS

RESULTS BY SAMPLE

SENT TO: *HILLSBOROUGH COUNTY SOLID WASTE DEPARTMENT*
PO BOX 1110
TAMPA, FL 33601
JAMES G. CLAYTON
813/272-5680 FAX 276-2960

ANALYZED BY: PBS&J Environmental Laboratories
6635 East Colonial Drive
Orlando, FL 32807

Phone: (407) 277-4443
Fax: (407) 382-8794

This is to certify that the following samples were analyzed using good laboratory practices to show the following results.

Sample ID: LEACHATE TANK Lab ID: 9502290-01 Collected: 02/16/95 07:25:00

TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED	BY
CONDUCTIVITY	9570	umhos/cm	EPA 120.1		03/06/95	rp
pH	7.14	ph units	EPA 150.1		02/17/95	rp
TOTAL DISSOLVED SOLIDS	5560	mg/l	EPA 160.1		02/22/95	km
TOTAL SUSPENDED SOLIDS	36	mg/l	EPA 160.2		02/17/95	km
ALUMINUM-ICP METHOD	0.06	mg/l	EPA 200.7		03/05/95	ms
BARIUM-ICP METHOD	<0.10 U	mg/l	EPA 200.7		03/05/95	ms
CADMIUM-ICP METHOD	0.04	mg/l	EPA 200.7		03/05/95	ms
CHROMIUM-ICP METHOD	<0.01 U	mg/l	EPA 200.7		03/05/95	ms
COPPER-ICP METHOD	<0.01 U	mg/l	EPA 200.7		03/05/95	ms
IRON-ICP METHOD	14.2	mg/l	EPA 200.7		03/05/95	ms
SODIUM-ICP METHOD	1300	mg/l	EPA 200.7		03/05/95	ms
ANTIMONY-FURNACE METHOD	<5.0 U	ug/l	EPA 204.2		03/29/95	pc
ARSENIC-FURNACE METHOD	<10 U	ug/l	EPA 206.2		03/06/95	pc
LEAD-FURNACE METHOD	1.1 I	ug/l	EPA 239.2		03/11/95	cc
MERCURY	<0.20 U	ug/l	EPA 245.1		03/03/95	bjb
SELENIUM-FURNACE METHOD	<10 U	ug/l	EPA 270.2		03/06/95	pc
THALLIUM-FURNACE METHOD	<2.0 U	ug/l	EPA 279.2		03/09/95	cc
CHLORIDE	2720 Q	mg/l	EPA 325.2		03/20/95	gm
TOTAL KJELDAHL NITROGEN	232	mg/l as n	EPA 351.2		03/14/95	kw
TOTAL NITROGEN	232	mg/l as n	EPA 351.2		02/21/95	pc
NITRATE + NITRITE	0.03 I	mg/l as n	EPA 353.2		02/21/95	gm
TOTAL PHOSPHORUS	1.61	mg/l as p	EPA 365.4		02/28/95	km
BIOCHEMICAL OXYGEN DEMAND	171	mg/liter	EPA 405.1		02/17/95	rp
CHEMICAL OXYGEN DEMAND	715	mg/l	EPA 410.4		02/21/95	ksc
GREASE & OIL	9.31	mg/l	EPA 413.1		03/11/95	mpm
ETHYLENE DIBROMIDE	<0.02 U	ug/l	EPA 504	03/16/95	03/16/95	cd
m + p Xylenes	5 I	ug/l	EPA 601		02/27/95	kb
O-XYLENE	3 I	ug/l	EPA 601		02/27/95	kb
BERYLLIUM-ICP METHOD	<0.001 U	mg/l	EPA 6010		03/05/95	ms
NICKEL-ICP METHOD	0.06	mg/l	EPA 6010		03/05/95	ms
EPA 624			EPA 624			
benzene	2 I	ug/l			02/27/95	kb
carbon tetrachloride	<1 U	ug/l			02/27/95	kb
chlorobenzene	3 I	ug/l			02/27/95	kb
1,2-dichloroethane	<1 U	ug/l			02/27/95	kb
1,1,1-trichloroethane	<1 U	ug/l			02/27/95	kb
1,1-dichloroethane	<1 U	ug/l			02/27/95	kb
1,1,2-trichloroethane	<1 U	ug/l			02/27/95	kb
1,1,2,2-tetrachloroethane	<1 U	ug/l			02/27/95	kb
chloroethane	<2 U	ug/l			02/27/95	kb
1,3-dichlorobenzene	<1 U	ug/l			02/27/95	kb
2-chloroethylvinyl ether	<10 U	ug/l			02/27/95	kb
chloroform	<1 U	ug/l			02/27/95	kb
1,1-dichloroethene	<1 U	ug/l			02/27/95	kb
1,2-trans-dichloroethene	<1 U	ug/l			02/27/95	kb
1,2-dichloropropane	<1 U	ug/l			02/27/95	kb
cis-1,3-dichloropropene	<1 U	ug/l			02/27/95	kb

April 3, 1995 07:26

CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE

Sample ID: LEACHATE TANK Lab ID: **9502290-01** Collected: 02/16/95 07:25:00

TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED	BY
EPA 624			EPA 624			
trans-1,3-dichloropropene	<1 U	ug/l			02/27/95	kb
ethylbenzene	4 I	ug/l			02/27/95	kb
methylene chloride	<1 U	ug/l			02/27/95	kb
chloromethane	<2 U	ug/l			02/27/95	kb
bromomethane	<2 U	ug/l			02/27/95	kb
bromoform	<1 U	ug/l			02/27/95	kb
dichlorobromomethane	<1 U	ug/l			02/27/95	kb
chlorodibromomethane	<1 U	ug/l			02/27/95	kb
1,2-dichlorobenzene	<1 U	ug/l			02/27/95	kb
tetrachloroethene	<1 U	ug/l			02/27/95	kb
toluene	<1 U	ug/l			02/27/95	kb
trichloroethene	<1 U	ug/l			02/27/95	kb
vinyl chloride	<1 U	ug/l			02/27/95	kb
1,4-dichlorobenzene	2 I	ug/l			02/27/95	kb
cis-1,2-dichloroethene	<1 U	ug/l			02/27/95	kb
trichlorofluoromethane	<1 U	ug/l			02/27/95	kb
CONDUCTIVITY IN FIELD	1072	coc units	FIELD			
pH IN FIELD	6.80	ph units	FIELD			
TEMPERATURE IN FIELD	28.8	oc	FIELD			
CARBONATES	<1 U	mg/liter	SM 403		03/01/95	sb

Sample ID: PRE EQUIP BLANK Lab ID: **9502290-02** Collected: 02/16/95 07:15:00

TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED	BY
CONDUCTIVITY	1.50	umhos/cm	EPA 120.1		03/06/95	rp
pH	5.78	ph units	EPA 150.1		02/17/95	rp
TOTAL DISSOLVED SOLIDS	44	mg/l	EPA 160.1		02/22/95	km
TOTAL SUSPENDED SOLIDS	<4 U	mg/l	EPA 160.2		02/17/95	km
ALUMINUM-ICP METHOD	<0.05 U	mg/l	EPA 200.7		03/05/95	ms
BARIUM-ICP METHOD	<0.10 U	mg/l	EPA 200.7		03/05/95	ms
CADMIUM-ICP METHOD	<0.005 U	mg/l	EPA 200.7		03/05/95	ms
CHROMIUM-ICP METHOD	<0.01 U	mg/l	EPA 200.7		03/05/95	ms
COPPER-ICP METHOD	<0.01 U	mg/l	EPA 200.7		03/05/95	ms
IRON-ICP METHOD	<0.02 U	mg/l	EPA 200.7		03/05/95	ms
SODIUM-ICP METHOD	0.95	mg/l	EPA 200.7		03/05/95	ms
ANTIMONY-FURNACE METHOD	<5.0 U	ug/l	EPA 204.2		03/29/95	pc
ARSENIC-FURNACE METHOD	<10 U	ug/l	EPA 206.2		03/06/95	pc
LEAD-FURNACE METHOD	<1.0 U	ug/l	EPA 239.2		03/24/95	cc
MERCURY	<0.20 U	ug/l	EPA 245.1		03/03/95	bjb
SELENIUM-FURNACE METHOD	<10 U	ug/l	EPA 270.2		03/06/95	pc
THALLIUM-FURNACE METHOD	<2.0 U	ug/l	EPA 279.2		03/09/95	cc
CHLORIDE	<0.50 Q	mg/l	EPA 325.2		03/20/95	gm
TOTAL KJELDAHL NITROGEN	0.44	mg/l as n	EPA 351.2		03/13/95	km
TOTAL NITROGEN	0.44	mg/l as n	EPA 351.2		02/21/95	pc
NITRATE + NITRITE	<0.01 U	mg/l as n	EPA 353.2		02/21/95	gm
TOTAL PHOSPHORUS	0.03 I	mg/l as p	EPA 365.4		02/28/95	km
BIOCHEMICAL OXYGEN DEMAND	<1 U	mg/liter	EPA 405.1		02/17/95	rp
CHEMICAL OXYGEN DEMAND	<1.0 U	mg/l	EPA 410.4		02/20/95	ksc
GREASE & OIL	<5.0 U	mg/l	EPA 413.1		03/11/95	mpm
ETHYLENE DIBROMIDE	<0.02 U	ug/l	EPA 504	03/16/95	03/16/95	cd
m + p Xylenes	<2 U	ug/l	EPA 601		02/27/95	kb
O-XYLENE	<1 U	ug/l	EPA 601		02/27/95	kb
BERYLLIUM-ICP METHOD	<0.001 U	mg/l	EPA 6010		03/05/95	ms
NICKEL-ICP METHOD	<0.005 U	mg/l	EPA 6010		03/05/95	ms

Facility GMS #:

Test Site ID #:

Sample Date/Time: 2/16/95 7:25:00 AM

Report Period: 95/1

Well Name: LEACHATE TANK 950229001

Well Purged (Y/N):

Classification of Ground Water:

Ground Water Elevation (NGVD):

Ground Water Elevation (ft. MSL):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
95	CONDUCTIVITY	GRAB	N	EPA120.1	9570	umhos/cm	10	umhos/cm
403	pH	GRAB	N	EPA150.1	7.14	pH UNITS	0.1	pH UNITS
408	pH IN FIELD	GRAB	N	EPA150.1	6.8	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	5560	mg/l	*	mg/l
530	TOTAL SUSPENDED SOLIDS	GRAB	N	EPA160.2	36	mg/l	*	mg/l
10	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	28.8	oC	Fld	oC
1105	ALUMINUM-ICP METHOD	GRAB	N	EPA200.7	.06	mg/l	.05	mg/l
1007	BARIUM-ICP METHOD	GRAB	N	EPA200.7	< .1	mg/l	.1	mg/l
1010	BERYLLIUM-ICP METHOD	GRAB	N	EPA200.7	< .001	mg/l	.001	mg/l
1027	CADMIUM-ICP METHOD	GRAB	N	EPA200.7	.04	mg/l	.005	mg/l
1034	CHROMIUM-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01	mg/l
1042	COPPER-ICP METHOD	GRAB	N	EPA200.7	< .01	mg/l	.01	mg/l
1045	IRON-ICP METHOD	GRAB	N	EPA200.7	14.2	mg/l	.02	mg/l
1067	NICKEL-ICP METHOD	GRAB	N	EPA200.7	.06	mg/l	.005	mg/l
929	SODIUM-ICP METHOD	GRAB	N	EPA200.7	1300	mg/l	.025	mg/l
1097	ANTIMONY-FURNACE METHOD	GRAB	N	EPA204.2	< 5	ug/l	5	ug/l
1002	ARSENIC-FURNACE METHOD	GRAB	N	EPA206.2	< 10	ug/l	10	ug/l
1051	LEAD-FURNACE METHOD	GRAB	N	EPA239.2	1.1	ug/l	1	ug/l
71900	MERCURY	GRAB	N	EPA245.1	< .2	ug/l	.2	ug/l
1147	SELENIUM-FURNACE METHOD	GRAB	N	EPA270.2	< 10	ug/l	10	ug/l
01059	THALLIUM-FURNACE METHOD	GRAB	N	EPA279.2	< 2	ug/l	2	ug/l
440	CARBONATES	GRAB	N	EPA310.1	< 1	mg/liter	1	mg/liter
940	CHLORIDE	GRAB	N	EPA325.2	2720	mg/l	.5	mg/l
625	TOTAL KJELDAHL NITROGEN	GRAB	N	EPA351.2	232	mg/l as N	0.1	mg/l as N
630	NITRATE + NITRITE	GRAB	N	EPA353.2	.03	mg/l as N	.01	mg/l as N
600	TOTAL NITROGEN	GRAB	N	EPA353.2	232	mg/l as N	.01	mg/l as N
665	TOTAL PHOSPHORUS	GRAB	N	EPA365.4	1.61	mg/l as P	.02	mg/l as P
310	BIOCHEMICAL OXYGEN DEMAND	GRAB	N	EPA405.1	171	mg/liter	1	mg/liter
340	CHEMICAL OXYGEN DEMAND	GRAB	N	EPA410.2	715	mg/l	1	mg/l
556	GREASE & OIL	GRAB	N	EPA413.1	9.31	mg/l	5	mg/l
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/l	.02	ug/l
34506	1,1,1-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34516	1,1,2,2-tetrachloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34511	1,1,2-trichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34496	1,1-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34501	1,1-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34536	1,2-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34531	1,2-dichloroethane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34541	1,2-dichloropropane	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34546	1,2-trans-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34566	1,3-dichlorobenzene	GRAB	N	EPA624	< 1	UG/L	1	UG/L
34571	1,4-dichlorobenzene	GRAB	N	EPA624	2	UG/L	1	UG/L
34576	2-chloroethylvinyl ether	GRAB	N	EPA624	< 10	UG/L	10	UG/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: LEACHATE TANK 950229001

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34030	benzene	GRAB	N	EPA624	2	UG/L	1 UG/L
32104	bromoform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34413	bromomethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32102	carbon tetrachloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34301	chlorobenzene	GRAB	N	EPA624	3	UG/L	1 UG/L
32105	chlorodibromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34311	chloroethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
32106	chloroform	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34418	chloromethane	GRAB	N	EPA624	< 2	UG/L	2 UG/L
77093	cis-1,2-dichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34704	cis-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
32101	dichlorobromomethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34371	ethylbenzene	GRAB	N	EPA624	4	UG/L	1 UG/L
85795	m + p Xylenes	GRAB	N	EPA624	5	ug/l	2 ug/l
34423	methylene chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
77135	O-XYLENE	GRAB	N	EPA624	3	ug/l	1 ug/l
34475	tetrachloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34010	toluene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34699	trans-1,3-dichloropropene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39180	trichloroethene	GRAB	N	EPA624	< 1	UG/L	1 UG/L
34488	trichlorofluoromethane	GRAB	N	EPA624	< 1	UG/L	1 UG/L
39175	vinyl chloride	GRAB	N	EPA624	< 1	UG/L	1 UG/L
94	CONDUCTIVITY IN FIELD	GRAB	N	FIELD	1072	coc units	Fld coc units

* Detection Limit depends on amount of sample digested/extracted

groundwater

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS
Dottie Berger
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Jim Norman
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Assistant County Administrators
Edwin Hunzeker
Steve Johnson
Timothy Keel
Robert Taylor

December 2, 1994

RECEIVED
DEC 05 1994
Department of Environmental Protection
SOUTHWEST DISTRICT
BY

Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of August 1, 1994 through October 31, 1994 in accordance with Permit No. S029-158504. Samples were collected by the Department of Solid Waste in August, 1994 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Ron Antevy, Waste Management, Inc.
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Jim Lukens, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

SE Hills leachate

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 08/24/94

PARAMETER MONITORING REPORT (Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

SE LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) NA (ft.)
Water Level ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
95	conductivity	Grab	EPA120.1	130	umhos/cm	U	NONE
94	conductivity in field	Grab	APHA205	852	coc units		
70300	total dissolved solids	Grab	EPA160.1	4260	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	80	mg/l	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.02	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.1	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.12	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.78	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	<50	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	<10	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	16	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	490	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
560	grease & oil	Grab	EPA413.2	<5	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	13500	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
403	ph	Grab	EPA150.1	7.25	pH UNITS	U	NONE
406	ph in field	Grab	EPA150.1	6.9	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<10	ug/l	U	HNO3 to pH<2
1077	silver-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	1060	mg/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	27.8	oC		

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 10/17/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 08/24/94

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

SE LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) NA (ft.)
Water Level ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34506	1,1,1-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34536	1,2-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<10	UG/L	U	HCl to pH<2
34030	benzene	Grab	EPA624	2	UG/L	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	2	UG/L	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	1	UG/L	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34010	toluene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	2	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	2	ug/l	U	HCL to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 10/17/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Frederick B. Karl

September 30, 1994

Ms. Allison Amram
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of May 1, 1994 through July 31, 1994 in accordance with Permit No. S029-158504. In addition to the routine quarterly parameters, the Florida Primary and Secondary Drinking Water Standards are included as required for the permit renewal. Samples were collected by the Department of Solid Waste in May, 1994 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee , Department of Environmental Protection
Paul Schipfer, EPC
Ron Antevy, Waste Management, Inc.
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Jim Lukens, Waste Management Southeast Landfill
Sarah Hill, Department of Solid Waste

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 05/11/94

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

SE LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) (ft.)
Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
1105	aluminum-icp method	Grab	EPA200.7	<50	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	11.7	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	18	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	655	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
95	conductivity	Grab	EPA120.1	9740	umhos/cm	U	NONE
94	conductivity in field	Grab	APHA205	964	coc units		
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
560	grease & oil	Grab	EPA413.2	<5	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	13800	ug/l	U	HNO3 to pH<2
1051	lead-icp method	Grab	EPA200.7	<15	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
403	ph	Grab	EPA150.1	7.35	pH UNITS	U	NONE
406	ph in field	Grab	EPA150.1	7.03	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<10	ug/l	U	HNO3 to pH<2
1077	silver-furnace method	Grab	EPA272.2	<10	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	1140000	ug/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	28.5	oC		
70300	total dissolved solids	Grab	EPA160.1	4820	mg/l	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	228	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	228	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.7	mg/l as P	U	H2SO4 to pH<2
530	total suspended solids	Grab	EPA160.2	58	mg/l	U	NONE

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 06/22/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 05/11/94

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

SE LEACHATE TANK

Well Type:

GMS:

Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) (ft.)
Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34506	1,1,1-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34536	1,2-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<10	UG/L	U	HCl to pH<2
34030	benzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	2	UG/L	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	1	UG/L	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34010	toluene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	2	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	2	ug/l	U	HCL to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 06/22/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Frederick B. Karl

March 25, 1994

D.E.P.

APR 11 1994

SOUTHWEST DISTRICT
TAMPA

Ms. Allison Amram
Department of Environmental Regulation
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

RE: Permit #S029-158504 - Southeast County Sanitary Landfill

Dear Ms. Amram:

Enclosed are the results of the routine water quality monitoring of the Southeast Landfill, for the period of November 1, 1993 through January 31, 1994 in accordance with Permit No. S029-158504. Samples were collected by the Department of Solid Waste in December, 1993 and analyzed by Post,Buckley,Schuh and Jernigan, Inc.

A map showing site locations and a summary chart are also enclosed.

If you have any questions or comments on this information, please call me at 744-5680.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Department of Solid Waste

Enclosures

xc: Chongman Lee, Department of Environmental Regulation
Paul Schipfer, EPC
Ron Antevy, Waste Management Inc.
Matt Mathews, Department of Solid Waste
Irene Barnes, Southeast Hillsborough Civic Association
Thomas G. Smith, Department of Solid Waste, w/o enclosures
Greg Walk, General Manager Southeast Landfill
Jim Lukens, Waste Management

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Report No. HC-162

Sample date: 12/27/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

LEACHATE TANK/SOUTHEAST

Well Type:

GMS:

Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) (ft.)
Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
95	conductivity	Grab	EPA120.1	9910	umhos/cm		NONE
94	conductivity in field	Grab	APHA205	981	coc units		
403	ph	Grab	EPA180.1	7.41	pH UNITS		
70300	total dissolved solids	Grab	EPA160.1	4460	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	44	mg/l	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	247	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	247	mg/l as N		
665	total phosphorus	Grab	EPA365.4	2.5	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	<50	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	<10	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	32	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	695	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
560	grease & oil	Grab	EPA413.2	<10	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	14300	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<1	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.17	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<5	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	1200	mg/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	25.4	oC		

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 01/19/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Report No. HC-162

Sample date: 12/27/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

LEACHATE TANK/SOUTHEAST
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) (ft.)
Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34506	1,1,1-trichloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34536	1,2-dichlorobenzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34030	benzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34010	toluene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<10	ug/l	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<10	ug/l	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<10	ug/l	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	<10	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	<10	ug/l	U	HCL to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 01/19/94
Effective January 1,1983 (COC Units)=Chain of Custody Units

permit File

Florida Department of
Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
813-744-6100

Virginia B. Wetherell
Secretary

March 23, 1994

James Clayton
Environmental Supervisor
Department of Solid Waste
P.O. Box 1110
Tampa, FL 33601

RE: Southeast Landfill Leachate Sampling
Hillsborough County
Permit #: SO29-158504

Dear Mr. Clayton:

As you are aware, Chapter 17-701, Florida Administrative Code was modified, effective 1-2-94, in order to more closely match the Federal Rule, 40 CFR Parts 257 and 258, and hopefully gain State approval from EPA. The leachate sampling parameters and analyses periods were among the changes made. It is important that your laboratory is aware of these changes and has Department approval for all analyses in their Quality Assurance Plan (QAP). All sampling activities conducted for permit compliance must be done under approved Department QAPs.

The Department understands that the implementation of these changes will cause some confusion in coordinating the modified list of sampling parameters with your laboratory's QAP. Attached is a copy of the semi-annual sampling parameters, including the Appendix I list and the Appendix II list for annual sampling. However, we would appreciate your efforts to make sure that your laboratory is analyzing for the correct parameters to avoid future problems.

If you have any questions please call me at (813) 744-6100 ext. 336.

Sincerely,

Allison Amram

Allison Amram, P.G.
Solid Waste Section

Enclosures (2)

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Frederick B. Karl

January 10, 1994

Mr Steve Hamilton
SCS Engineers
3012 U.S. Highway 301 North
Suite 700
Tampa, Florida 33619

Subject: Southeast County Landfill Leachate

Dear Mr. Hamilton:

Attached is the quarterly leachate report for August, 1993. Should you have any questions or comments please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton
Environmental Supervisor
Department of Solid Waste

JGC:ab

Attachment

xc: Thomas G. Smith, Department of Solid Waste

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 08/26/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

SE LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) NA (ft.)
Water Level ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	820	coc units		
70300	total dissolved solids	Grab	EPA160.1	3880	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	52	mg/l	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.08	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	122	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	22	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.09	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	10.4	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	9	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	580	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
560	grease & oil	Grab	EPA413.2	<0.5	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	15000	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<3	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	6.96	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<5	ug/l	U	HNO3 to pH<2
1077	silver-furnace method	Grab	EPA272.2	<10	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	992	mg/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	31.2	oC		

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 09/27/93
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 09/16/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

LEACHATE TANK

Well Type:

GMS:

Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation (above MSL) (ft.)
Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	678	coc units		
560	grease & oil	Grab	EPA413.2	3.3	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	6.81	pH UNITS		
10	temperature in field	Grab	EPA170.1	30.2	oC		

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 11/30/93
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 08/26/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

SE LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) NA (ft.)
Water Level ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34506	1,1,1-trichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34536	1,2-dichlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	1.2	ug/l	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<2	ug/l	U	HCl to pH<2
34030	benzene	Grab	EPA624	1.5	ug/l	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	1.9	ug/l	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	1.9	ug/l	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34010	toluene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	2.9	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	2.2	ug/l	U	HCL to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 09/27/93
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 05/20/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Well Type:

Groundwater Elevation
(above MSL) NA (ft.)
Water Level NA (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	9230	coc units		
70300	total dissolved solids	Grab	EPA160.1	3960	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	49	mg/l	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.11	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	218	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	218	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.55	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	<10	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	18	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	230	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	10	ug/l	U	HNO3 to pH<2
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
560	grease & oil	Grab	EPA413.2	5.58	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	16500	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<5	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	6.9	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<5	ug/l	U	HNO3 to pH<2
1077	silver-furnace method	Grab	EPA272.2	<10	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	922	mg/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	29.2	oC		

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
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Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Sample date: 05/20/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Groundwater Elevation
(above MSL) NA (ft.)
Water Level NA (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34506	1,1,1-trichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34536	1,2-dichlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<2	ug/l	U	HCl to pH<2
34030	benzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<2	ug/l	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34010	toluene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<1	ug/l	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<1	ug/l	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<1	ug/l	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	<1	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	<1	ug/l	U	HCL to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 06/19/93
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Report No. HC-163

Sample date: 02/18/93

SOUTHEAST/LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

Well Type:

Groundwater Elevation
(above MSL) N/A (ft.)
Water Level N/A (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	824	coc units		
70300	total dissolved solids	Grab	EPA160.1	4080	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	143	mg/l	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.09	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	245	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	245	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.12	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	140	ug/l	U	HNO3 to pH<2
1002	arsenic-furnace method	Grab	EPA206.2	<10	ug/l	U	HNO3 to pH<2
1007	barium-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	27	mg/liter	U	NONE
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	618	mg/l	U	H2SO4 to pH<2
1034	chromium-icp method	Grab	EPA200.7	50	ug/l	U	HNO3 to pH<2
1042	copper-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2
77651	ethylene dibromide	Grab	EPA504	<0.02	ug/l	U	NONE
560	grease & oil	Grab	EPA413.2	0.56	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	14700	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<5	ug/l	U	HNO3 to pH<2
71900	mercury	Grab	EPA245.1	<0.2	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.02	pH UNITS		
1147	selenium-furnace method	Grab	EPA270.2	<5	ug/l	U	HNO3 to pH<2
1077	silver-furnace method	Grab	EPA272.2	<10	ug/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	912	mg/l	U	HNO3 to pH<2
10	temperature in field	Grab	EPA170.1	23.8	oC		
34506	1,1,1-trichloroethane	Grab	EPA524.2	<0.5	UG/L	U	HCL TO Ph<2
34501	1,1-dichloroethylene	Grab	EPA524.2	<0.5	UG/L	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA524.2	<0.5	UG/L	U	HCL TO Ph<2
34030	benzene	Grab	EPA524.2	0.9	UG/L	U	HCL TO Ph<2
32102	carbon tetrachloride	Grab	EPA524.2	<0.5	UG/L	U	HCl to pH<2
34571	p-dichlorobenzene	Grab	EPA524.2	<0.5	UG/L	U	HCl to pH<2
34475	tetrachloroethylene	Grab	EPA524.2	<0.5	UG/L	U	HCl to pH<2
39180	trichloroethylene	Grab	EPA524.2	<0.5	UG/L	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA524.2	<0.5	UG/L	U	HCL TO Ph<2
34506	1,1,1-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34516	1,1,2,2-tetrachloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34511	1,1,2-trichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34496	1,1-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34501	1,1-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 03/19/93
Effective January 1,1983 (COC Units)=Chain of Custody Units

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.
Att.: James Clayton
Post Office Box 1110
Tampa, FL 33601

Report No. HC-163

Sample date: 02/18/93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404-17-3.406)

SOUTHEAST/LEACHATE TANK
GMS:
Well Purged Prior to
Sample Collection (Yes/No):

Well Type:

Groundwater Elevation
(above MSL) N/A (ft.)
Water Level N/A (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34536	1,2-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34531	1,2-dichloroethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34541	1,2-dichloropropane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34546	1,2-trans-dichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34566	1,3-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34571	1,4-dichlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34576	2-chloroethylvinyl ether	Grab	EPA624	<2	UG/L	U	HCl to pH<2
34030	benzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32104	bromoform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34413	bromomethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32102	carbon tetrachloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34301	chlorobenzene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32105	chlorodibromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34311	chloroethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
32106	chloroform	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34418	chloromethane	Grab	EPA624	<2	UG/L	U	HCl to pH<2
34704	cis-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
32101	dichlorobromomethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34371	ethylbenzene	Grab	EPA624	1.5	UG/L	U	HCl to pH<2
34423	methylene chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34475	tetrachloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34010	toluene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34699	trans-1,3-dichloropropene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39180	trichloroethene	Grab	EPA624	<1	UG/L	U	HCl to pH<2
34488	trichlorofluoromethane	Grab	EPA624	<1	UG/L	U	HCl to pH<2
39175	vinyl chloride	Grab	EPA624	<1	UG/L	U	HCl to pH<2
85795	m + p xylenes	Grab	EPA624	<1	ug/l	U	HCL to pH<2
77135	o-xylene	Grab	EPA624	1.3	ug/l	U	HCL to pH<2
32101	bromodichloromethane	Grab	EPA524.2	<1	UG/L	U	Na2SO3 OR NONE
32104	bromoform	Grab	EPA524.2	<1	UG/L	U	Na2SO3 OR NONE
32106	chloroform	Grab	EPA524.2	<1	UG/L	U	Na2SO3 OR NONE
32105	dibromochloromethane	Grab	EPA524.2	<1	UG/L	U	Na2SO3 OR NONE
82080	total trihalomethanes	Grab	EPA524.2	<4	UG/L	U	Na2SO3 OR NONE

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.
DER Form 17-1.216(2) (F)=Filtered, (U)=Unfiltered. Printed on: 03/19/93
Effective January 1,1983 (COC Units)=Chain of Custody Units