

surface water
file

HILLSBOROUGH COUNTY

Florida

Office of the County Administrator
Frederick B. Karl

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January 10, 1993

Ms. Angelia Weston
Hillsborough County Health Department
1105 E. Kennedy Boulevard
Tampa Fl. 33602

Surface H₂O

Dear Ms. Weston:

Enclosed is the analysis of the Southeast Landfill Administration Building potable water supply well for the quarter of August 1, 1993 through December 31, 1993.

If you have any questions on this information, please call me at 272-5680.

Sincerely,

James G. Clayton

James G. Clayton
Environmental Supervisor
Department of Solid Waste

JGC:ab

Enclosures

xc: Allison Amram, DER - Tampa
Matt Mathews, Department of Solid Waste
Scott McCallister, Waste Manegment, w/o enclosures
Thomas G. Smith Department of Solid Waste, w/o enclosures

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.

Att.: James Clayton

Post Office Box 1110

Tampa, FL 33601

Sample date: 08/26/93

SURF SITE 2

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) 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	121	coc units		
70300	total dissolved solids	Grab	EPA160.1	178	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	12.3	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	1.1	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	1.11	mg/l as N		
665	total phosphorus	Grab	EPA365.4	1.14	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	9	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	166	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	109	mg/l	U	NONE
300	dissolved oxygen, field	Grab	EPA360.1	0.72	mg/liter		
560	grease & oil	Grab	EPA413.2	276	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	1570	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	5.02	pH UNITS		
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	24.7	oC		
410	total alkalinity	Grab	EPA310.1	<1	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	45	mg/l as C	U	H2SO4 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: 09/25/93

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)

Well Type:

SURF. SITE 2

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	88	coc units		
300	dissolved oxygen, field	Grab	EPA360.1	0.39	mg/liter		
560	grease & oil	Grab	EPA413.2	9.39	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	4.64	pH UNITS		
10	temperature in field	Grab	EPA170.1	29.2	oC		

SOUTHEAST LANDFILL

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

SURF SITE 3A

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	284	coc units		
70300	total dissolved solids	Grab	EPA160.1	206	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	3.5	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.58	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.42	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	1	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.05	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	19	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	46.5	mg/l	U	NONE
300	dissolved oxygen, field	Grab	EPA360.1	5.14	mg/liter		
560	grease & oil	Grab	EPA413.2	227	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	550	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	5.98	pH UNITS		
945	sulfate	Grab	EPA375.4	53	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	7.4	oC		
410	total alkalinity	Grab	EPA310.1	8.6	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	7.8	mg/l as C	U	H2SO4 to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.

DER Form 17-1.216(2)

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(COC Units)=Chain of Custody Units

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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)

Well Type:

SURF. SITE 3A

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	295	coc units		
300	dissolved oxygen, field	Grab	EPA360.1	4.76	mg/liter		
560	grease & oil	Grab	EPA413.2	13.3	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	6.21	pH UNITS		
10	temperature in field	Grab	EPA170.1	29.2	oC		

SOUTHEAST LANDFILL

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:

SURF SITE 3B2B

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	246	coc units		
70300	total dissolved solids	Grab	EPA160.1	335	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	3.01	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.11	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.29	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.4	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.54	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	28	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	35.8	mg/l	U	NONE
300	dissolved oxygen, field	Grab	EPA360.1	5.05	mg/liter		
560	grease & oil	Grab	EPA413.2	364	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	360	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	6.19	pH UNITS		
945	sulfate	Grab	EPA375.4	32	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	23.9	oC		
410	total alkalinity	Grab	EPA310.1	20.3	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	10	mg/l as C	U	H2SO4 to pH<2

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)

Well Type:

SURF. SITE 3B2B

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	255	coc units		
300	dissolved oxygen, field	Grab	EPA360.1	4.98	mg/liter		
560	grease & oil	Grab	EPA413.2	<0.5	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	6.55	pH UNITS		
10	temperature in field	Grab	EPA170.1	26	oC		

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:

SURF SITE 3C2

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	252	coc units		
70300	total dissolved solids	Grab	EPA160.1	158	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	2.1	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.28	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.25	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.53	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.44	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	34	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	28	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	38.1	mg/l	U	NONE
300	dissolved oxygen, field	Grab	EPA360.1	5.55	mg/liter		
560	grease & oil	Grab	EPA413.2	198	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	250	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	6.61	pH UNITS		
945	sulfate	Grab	EPA375.4	34	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	24.6	oC		
410	total alkalinity	Grab	EPA310.1	39.7	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	12	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 09/16/93

SURF. SITE 3C2

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

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	253	coc units		
300	dissolved oxygen, field	Grab	EPA360.1	519	mg/liter		
560	grease & oil	Grab	EPA413.2	0.71	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	6.79	pH UNITS		
10	temperature in field	Grab	EPA170.1	27.2	oC		

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/26/93

SURF SITE 1A-1E COMP SMITH

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

Well Type:

GMS:

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

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

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	215	coc units		
70300	total dissolved solids	Grab	EPA160.1	220	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	14.5	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.15	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	1.66	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	1.81	mg/l as N		
665	total phosphorus	Grab	EPA365.4	<0.02	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	3	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	82	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	26.2	mg/l	U	NONE
300	dissolved oxygen, field	Grab	EPA360.1	441	mg/liter		
560	grease & oil	Grab	EPA413.2	159	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	120	ug/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.87	pH UNITS		
945	sulfate	Grab	EPA375.4	4	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	29.5	oC		
410	total alkalinity	Grab	EPA310.1	62.1	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	23	mg/l as C	U	H2SO4 to pH<2

GROUNDWATER MONITORING REPORT

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

Sample date: 09/17/93

SURF. SITE 1A-1E COMP

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) (ft.)
 Water Level (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
94	conductivity in field	Grab	APHA205	184	coc units		
300	dissolved oxygen, field	Grab	EPA360.1	7.76	mg/liter		
560	grease & oil	Grab	EPA413.2	1.94	mg/l	U	H2SO4 to pH<2
406	ph in field	Grab	EPA150.1	7.28	pH UNITS		
10	temperature in field	Grab	EPA170.1	29.5	oC		

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/24/93

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

Well Type:

WEEKS

GMS:

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

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	508	coc units		
70300	total dissolved solids	Grab	EPA160.1	302	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	2.81	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.04	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.1	mg/l as N	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	18.1	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	5.7	pCi/l	U	HNO3 to pH<2
916	calcium-icp method	Grab	EPA200.7	52.5	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	33.7	mg/l	U	NONE
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	3.49	mg/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	6.85	pH UNITS		
9051	radium 226 in water	Grab	EPA903.1	9.1	pCi/l	U	HNO3 to pH<2
9502	radium 226-counting error	Grab	EPA903.1	0.3	pCi/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	6	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	23.9	oC		
900	total hardness	Grab	EPA130.2	145	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	10	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.

Att.: James Clayton

Post Office Box 1110

Tampa, FL 33601

Sample date: 08/24/93

PARAMETER MONITORING REPORT

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

HOLLAND

GMS:

Well Purged Prior to

Sample Collection (Yes/No):

21 minute purge

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	376	coc units		
70300	total dissolved solids	Grab	EPA160.1	210	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	13.9	ntu	U	NONE
620	nitrate	Grab	EPA353.2	<0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	<0.02	mg/l as N	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	1.5	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	2.3	pCi/l	U	HNO3 to pH<2
916	calcium-icp method	Grab	EPA200.7	30.4	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	33.9	mg/l	U	NONE
1045	iron-icp method	Grab	EPA200.7	1210	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	17.2	mg/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.02	pH UNITS		
945	sulfate	Grab	EPA375.4	17	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	24.3	oC		
900	total hardness	Grab	EPA130.2	147	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	6.6	mg/l as C	U	H2SO4 to pH<2

Our Florida Department of Health & Rehabilitative Services Identification Number is E83011.

DER Form 17-1.216(2)

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Effective January 1, 1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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Sample date: 08/24/93

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

Well Type:

MCBRIDE

GMS:

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

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	335	coc units		
70300	total dissolved solids	Grab	EPA160.1	178	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	4.41	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.08	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.03	mg/l as N	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	2.7	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	1.3	pCi/l	U	HNO3 to pH<2
916	calcium-icp method	Grab	EPA200.7	25.3	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	22.7	mg/l	U	NONE
1045	iron-icp method	Grab	EPA200.7	600	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	12.9	mg/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.75	pH UNITS		
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	25.5	oC		
900	total hardness	Grab	EPA130.2	116	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	7.3	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/24/93

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

Well Type:

BARNES

GMS:

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

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	404	coc units		
70300	total dissolved solids	Grab	EPA160.1	252	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.2	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.07	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.13	mg/l as N	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	9.4	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	3.4	pCi/l	U	HNO3 to pH<2
916	calcium-icp method	Grab	EPA200.7	32.1	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	43.4	mg/l	U	NONE
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	17	mg/l	U	HNO3 to pH<2
406	ph in field	Grab	EPA150.1	7.48	pH UNITS		
9051	radium 226 in water	Grab	EPA903.1	0.9	pCi/l	U	HNO3 to pH<2
9502	radium 226-counting error	Grab	EPA903.1	0.1	pCi/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
10	temperature in field	Grab	EPA170.1	24.1	oC		
900	total hardness	Grab	EPA130.2	150	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	9	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/24/93

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

Well Type:

FIELD BLANK

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
70300	total dissolved solids	Grab	EPA160.1	4	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.05	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.02	mg/l as N	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.02	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.03	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.05	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.02	mg/l as P	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	0	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	0.5	pCi/l	U	HNO3 to pH<2
440	bicarbonates	Grab	SM402	1.6	mg/l	U	NONE
310	biochemical oxygen demand	Grab	EPA405.1	1	mg/liter	U	NONE
916	calcium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease & oil	Grab	EPA413.2	47	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
900	total hardness	Grab	EPA130.2	<6.61	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	0.21	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.

Att.: James Clayton

Post Office Box 1110

Tampa, FL 33601

Sample date: 08/25/93

PARAMETER MONITORING REPORT

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

FIELD BLANK

GMS:

Well Purged Prior to

Sample Collection (Yes/No):

Groundwater Elevation

(above MSL) $\downarrow$ A (ft.)Water Level $\downarrow$ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
70300	total dissolved solids	Grab	EPA160.1	6	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.03	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.01	mg/l as N	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	<0.02	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.01	mg/l as N	U	H2SO4 to pH<2
665	total phosphorus	Grab	EPA365.4	0.03	mg/l as P	U	H2SO4 to pH<2
440	bicarbonates	Grab	SM402	2.35	mg/l	U	NONE
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease-&-oil	Grab	EPA413.2	26	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<20	ug/l	U	HNO3 to pH<2
50060	residual chlorine-dpd	Grab		<0.1	mg/liter	U	NONE
929	sodium-icp method	Grab	EPA200.7	0.03	mg/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
680	total organic carbon	Grab	EPA415.1	0.63	mg/l as C	U	H2SO4 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: 09/25/93

Effective January 1, 1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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:

FIELD BLANK

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
70300	total dissolved solids	Grab	EPA160.1	46	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.03	ntu	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.1	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	0.1	mg/l as N	U	H2SO4 to pH<2
665	total phosphorus	Grab	EPA365.4	0.02	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	<1	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease & oil	Grab	EPA413.2	145	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
410	total alkalinity	Grab	EPA310.1	<1	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	<0.2	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

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:

FIELD BLANK

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
70300	total dissolved solids	Grab	EPA160.1	12.5	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	<1	mg/l	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	0.02	mg/l as N		
665	total phosphorus	Grab	EPA365.4	<0.02	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	110	ug/l	U	HNO3 to pH<2
1097	antimony-icp method	Grab	EPA200.7	<60	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
1010	beryllium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
1022	boron-icp method	Grab	EPA200.7	<0.05	mg/l	U	HNO3 to pH<2
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
80082	carbonaceous bod	Grab	SM507	<1	mg/liter	U	NONE
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	<1	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	190	mg/l	U	H2SO4 to pH<2
1032	hexavalent chromium	Grab	EPA7196	<0.025	mg/l	U	HNO3 to pH<2
1045	iron-icp method	Grab	EPA200.7	<40	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<3	ug/l	U	HNO3 to pH<2
1055	manganese-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
1067	nickel-icp method	Grab	EPA200.7	<20	ug/l	U	HNO3 to pH<2
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	<1	mg/l	U	HNO3 to pH<2
1092	zinc-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2

SOUTHEAST LANDFILL

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

FIELD BLANK

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
39360	4,4'-ddd	Grab	EPA608	<0.011	ug/l	U	NONE
39365	4,4'-dde	Grab	EPA608	<0.004	ug/l	U	NONE
39370	4,4'-ddt	Grab	EPA608	<0.012	ug/l	U	NONE
39330	aldrin	Grab	EPA608	<0.004	ug/l	U	NONE
39337	alpha bhc	Grab	EPA608	<0.003	ug/l	U	NONE
39338	beta bhc	Grab	EPA608	<0.006	ug/l	U	NONE
39350	chlordan	Grab	EPA608	<0.014	ug/l	U	NONE
34259	delta bhc	Grab	EPA608	<0.009	ug/l	U	NONE
39380	dieldrin	Grab	EPA608	<0.002	ug/l	U	NONE
34361	endosulfan i	Grab	EPA608	<0.014	ug/l	U	NONE
34356	endosulfan ii	Grab	EPA608	<0.004	ug/l	U	NONE
34351	endosulfan sulfate	Grab	EPA608	<0.066	ug/l	U	NONE
39390	endrin	Grab	EPA608	<0.006	ug/l	U	NONE
34366	endrin aldehyde	Grab	EPA608	<0.023	ug/l	U	NONE
39410	heptachlor	Grab	EPA608	<0.003	ug/l	U	NONE
39420	heptachlor epoxide	Grab	EPA608	<0.083	ug/l	U	NONE
39340	lindane - gamma bhc	Grab	EPA608	<0.004	ug/l	U	NONE
39480	methoxychlor	Grab	EPA608	<10	ug/l	U	NONE
34671	pcb-1016	Grab	EPA608	<0.1	ug/l	U	NONE
39488	pcb-1221	Grab	EPA608	<0.1	ug/l	U	NONE
39492	pcb-1232	Grab	EPA608	<0.1	ug/l	U	NONE
39496	pcb-1242	Grab	EPA608	<0.1	ug/l	U	NONE
39500	pcb-1248	Grab	EPA608	<0.1	ug/l	U	NONE
39504	pcb-1254	Grab	EPA608	<0.1	ug/l	U	NONE
39508	pcb-1260	Grab	EPA608	<0.1	ug/l	U	NONE
39400	toxaphene	Grab	EPA608	<0.24	ug/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: 09/25/93

Effective January 1, 1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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:

FIELD BLANK

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	<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: 09/25/93
 Effective January 1,1983 (COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

FIELD BLANK

GMS:

Well Purged Prior to

Sample Collection (Yes/No):

Groundwater Elevation

(above MSL) N/A (ft.)

Water Level ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34621	2,4,6-trichlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34601	2,4-dichlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34606	2,4-dimethylphenol	Grab	EPA625	<33	ug/l	U	NONE
34616	2,4-dinitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34586	2-chlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34591	2-nitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34657	4,6-dinitro-o-cresol	Grab	EPA625	<33	ug/l	U	NONE
34646	4-nitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34452	p-chloro-m-cresol	Grab	EPA625	<33	ug/l	U	NONE
39032	pentachlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34694	phenol	Grab	EPA625	<33	ug/l	U	NONE
34551	1,2,4-trichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34611	2,4-dinitrotoluene	Grab	EPA625	<33	ug/l	U	NONE
34626	2,6-dinitrotoluene	Grab	EPA625	<33	ug/l	U	NONE
34581	2-chloronaphthalene	Grab	EPA625	<33	ug/l	U	NONE
34631	3,3'-dichlorobenzidine	Grab	EPA625	<33	ug/l	U	NONE
34636	4-bromophenyl phenyl ethe	Grab	EPA625	<33	ug/l	U	NONE
34641	4-chlorophenyl phenyl eth	Grab	EPA625	<33	ug/l	U	NONE
34205	acenaphthene	Grab	EPA625	<33	ug/l	U	NONE
34200	acenaphthylene	Grab	EPA625	<33	ug/l	U	NONE
34220	anthracene	Grab	EPA625	<33	ug/l	U	NONE
34526	benzo(a)anthracene	Grab	EPA625	<33	ug/l	U	NONE
34247	benzo(a)pyrene	Grab	EPA625	<33	ug/l	U	NONE
34230	benzo(b)fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34521	benzo(ghi)perylene	Grab	EPA625	<33	ug/l	U	NONE
34242	benzo(k)fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34278	bis(2-chloroethoxy)methan	Grab	EPA625	<33	ug/l	U	NONE
34273	bis(2-chloroethyl)ether	Grab	EPA625	<33	ug/l	U	NONE
34283	bis(2-chloroisopropyl)eth	Grab	EPA625	<33	ug/l	U	NONE
39100	bis(2-ethylhexyl)phthalat	Grab	EPA625	<33	ug/l	U	NONE
34292	butyl benzyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34320	chrysene	Grab	EPA625	<33	ug/l	U	NONE
39110	di-n-butyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34596	di-n-octyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34556	dibenz(a,h)anthracene	Grab	EPA625	<33	ug/l	U	NONE
34336	diethyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34341	dimethyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34376	fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34381	fluorene	Grab	EPA625	<33	ug/l	U	NONE
39700	hexachlorobenzene	Grab	EPA625	<33	ug/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: 09/25/93

Effective January 1,1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/26/93

FIELD BLANK

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 ↓ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
34391	hexachlorobutadiene	Grab	EPA625	<33	ug/l	U	NONE
34386	hexachlorocyclopentadiene	Grab	EPA625	<33	ug/l	U	NONE
34396	hexchloroethane	Grab	EPA625	<33	ug/l	U	NONE
34403	indeno(1,2,3-cd)pyrene	Grab	EPA625	<33	ug/l	U	NONE
34408	isophorone	Grab	EPA625	<33	ug/l	U	NONE
34566	m-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34428	n-nitrosodi-n-propylamine	Grab	EPA625	<33	ug/l	U	NONE
34433	n-nitrosodiphenylamine	Grab	EPA625	<33	ug/l	U	NONE
34696	naphthalene	Grab	EPA625	<33	ug/l	U	NONE
34447	nitrobenzene	Grab	EPA625	<33	ug/l	U	NONE
34536	o-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34571	p-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34461	phenanthrene	Grab	EPA625	<33	ug/l	U	NONE
34469	pyrene	Grab	EPA625	<33	ug/l	U	NONE

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)

Well Type:

FIELD BLANK 10:26

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
560	grease & oil	Grab	EPA413.2	3.2	mg/l	U	H2SO4 to pH<2

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)

Well Type:

FIELD BLANK 12:00

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
560	grease & oil	Grab	EPA413.2	2.55	mg/l	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/24/93

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

Well Type:

TRAVEL BLANK

GMS:

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

Groundwater Elevation
 (above MSL) N^A (ft.)
 Water Level $\downarrow$ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
70300	total dissolved solids	Grab	EPA160.1	2	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.06	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.01	mg/l as N	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	0.06	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.07	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.02	mg/l as P	U	H2SO4 to pH<2
1501	alpha, total	Grab	EPA900.0	1	pCi/l	U	HNO3 to pH<2
1502	alpha-counting error	Grab	EPA900.0	0.8	pCi/l	U	HNO3 to pH<2
440	bicarbonates	Grab	SM402	1.8	mg/l	U	NONE
310	biochemical oxygen demand	Grab	EPA405.1	1	mg/liter	U	NONE
916	calcium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease & oil	Grab	EPA413.2	36	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
927	magnesium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
929	sodium-icp method	Grab	EPA200.7	<1	mg/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
900	total hardness	Grab	EPA130.2	<6.61	mg/l as Ca	U	NONE
680	total organic carbon	Grab	EPA415.1	<0.2	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

Hillsborough County Solid Waste Dept.

Att.: James Clayton

Post Office Box 1110

Tampa, FL 33601

Sample date: 08/25/93

PARAMETER MONITORING REPORT

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

TRAVEL BLANK

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
70300	total dissolved solids	Grab	EPA160.1	4	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.04	ntu	U	NONE
620	nitrate	Grab	EPA353.2	0.01	mg/l as N	U	NONE
630	nitrate + nitrite	Grab	EPA353.2	0.01	mg/l as N	U	NONE
625	total kjeldahl nitrogen	Grab	EPA351.2	<0.02	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.01	mg/l as N	U	H2SO4 to pH<2
665	total phosphorus	Grab	EPA365.4	0.07	mg/l as P	U	H2SO4 to pH<2
440	bicarbonates	Grab	SM402	1.7	mg/l	U	NONE
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease & oil	Grab	EPA413.2	11.5	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<20	ug/l	U	HNO3 to pH<2
50060	residual chlorine-dpd	Grab		<0.1	mg/liter	U	NONE
929	sodium-icp method	Grab	EPA200.7	0.04	mg/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
680	total organic carbon	Grab	EPA415.1	0.47	mg/l as C	U	H2SO4 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: 09/25/93

Effective January 1,1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

TRAVEL BLANK

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
70300	total dissolved solids	Grab	EPA160.1	<1	mg/l	U	NONE
82079	turbidity	Grab	EPA180.1	0.04	ntu	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	0.02	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.03	mg/l as P	U	H2SO4 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	<1	mg/l	U	H2SO4 to pH<2
940	chloride	Grab	EPA325.2	<0.5	mg/l	U	NONE
560	grease & oil	Grab	EPA413.2	156	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
945	sulfate	Grab	EPA375.4	<1	mg/l	U	NONE
410	total alkalinity	Grab	EPA310.1	<1	mg/l CaCO3	U	NONE
680	total organic carbon	Grab	EPA415.1	<0.2	mg/l as C	U	H2SO4 to pH<2

SOUTHEAST LANDFILL

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:

TRAVEL BLANK

GMS:

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

Groundwater Elevation
 (above MSL) ~~NA~~ (ft.)
 Water Level $\downarrow$ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
70300	total dissolved solids	Grab	EPA160.1	15	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	3	mg/l	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	<0.01	mg/l as N		
665	total phosphorus	Grab	EPA365.4	<0.02	mg/l as P	U	H2SO4 to pH<2
1105	aluminum-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
1097	antimony-icp method	Grab	EPA200.7	<60	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
1010	beryllium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
310	biochemical oxygen demand	Grab	EPA405.1	<1	mg/liter	U	NONE
1022	boron-icp method	Grab	EPA200.7	<0.05	mg/l	U	HNO3 to pH<2
1027	cadmium-icp method	Grab	EPA200.7	<5	ug/l	U	HNO3 to pH<2
80082	carbonaceous bod	Grab	SM507	<1	mg/liter	U	NONE
440	carbonates	Grab	EPA310.1	<1	mg/liter	U	NONE
340	chemical oxygen demand	Grab	EPA410.2	<1	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	220	mg/l	U	H2SO4 to pH<2
1032	hexavalent chromium	Grab	EPA7196	<0.025	mg/l	U	HNO3 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	ug/l	U	HNO3 to pH<2
1051	lead-furnace	Grab	EPA239.2	<3	ug/l	U	HNO3 to pH<2
1055	manganese-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
1067	nickel-icp method	Grab	EPA200.7	<20	ug/l	U	HNO3 to pH<2
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	<1	mg/l	U	HNO3 to pH<2
1092	zinc-icp method	Grab	EPA200.7	<10	ug/l	U	HNO3 to pH<2

SOUTHEAST LANDFILL

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:

TRAVEL BLANK

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
39360	4,4'-ddd	Grab	EPA608	<0.011	ug/l	U	NONE
39365	4,4'-dde	Grab	EPA608	<0.004	ug/l	U	NONE
39370	4,4'-ddt	Grab	EPA608	<0.012	ug/l	U	NONE
39330	aldrin	Grab	EPA608	<0.004	ug/l	U	NONE
39337	alpha bhc	Grab	EPA608	<0.003	ug/l	U	NONE
39338	beta bhc	Grab	EPA608	<0.006	ug/l	U	NONE
39350	chlordan	Grab	EPA608	<0.014	ug/l	U	NONE
34259	delta bhc	Grab	EPA608	<0.009	ug/l	U	NONE
39380	dieldrin	Grab	EPA608	<0.002	ug/l	U	NONE
34361	endosulfan i	Grab	EPA608	<0.014	ug/l	U	NONE
34356	endosulfan ii	Grab	EPA608	<0.004	ug/l	U	NONE
34351	endosulfan sulfate	Grab	EPA608	<0.066	ug/l	U	NONE
39390	endrin	Grab	EPA608	<0.006	ug/l	U	NONE
34366	endrin aldehyde	Grab	EPA608	<0.023	ug/l	U	NONE
39410	heptachlor	Grab	EPA608	<0.003	ug/l	U	NONE
39420	heptachlor epoxide	Grab	EPA608	<0.083	ug/l	U	NONE
39340	lindane - gamma bhc	Grab	EPA608	<0.004	ug/l	U	NONE
39480	methoxychlor	Grab	EPA608	<10	ug/l	U	NONE
34671	pcb-1016	Grab	EPA608	<0.1	ug/l	U	NONE
39488	pcb-1221	Grab	EPA608	<0.1	ug/l	U	NONE
39492	pcb-1232	Grab	EPA608	<0.1	ug/l	U	NONE
39496	pcb-1242	Grab	EPA608	<0.1	ug/l	U	NONE
39500	pcb-1248	Grab	EPA608	<0.1	ug/l	U	NONE
39504	pcb-1254	Grab	EPA608	<0.1	ug/l	U	NONE
39508	pcb-1260	Grab	EPA608	<0.1	ug/l	U	NONE
39400	toxaphene	Grab	EPA608	<0.24	ug/l	U	NONE

SOUTHEAST LANDFILL

GROUNDWATER MONITORING REPORT

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

Sample date: 08/26/93

TRAVEL BLANK

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

Well Type:

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	<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: 09/25/93
 Effective January 1,1983 (COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

TRAVEL BLANK

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
34621	2,4,6-trichlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34601	2,4-dichlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34606	2,4-dimethylphenol	Grab	EPA625	<33	ug/l	U	NONE
34616	2,4-dinitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34586	2-chlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34591	2-nitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34657	4,6-dinitro-o-cresol	Grab	EPA625	<33	ug/l	U	NONE
34646	4-nitrophenol	Grab	EPA625	<33	ug/l	U	NONE
34452	p-chloro-m-cresol	Grab	EPA625	<33	ug/l	U	NONE
39032	pentachlorophenol	Grab	EPA625	<33	ug/l	U	NONE
34694	phenol	Grab	EPA625	<33	ug/l	U	NONE
34551	1,2,4-trichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34611	2,4-dinitrotoluene	Grab	EPA625	<33	ug/l	U	NONE
34626	2,6-dinitrotoluene	Grab	EPA625	<33	ug/l	U	NONE
34581	2-chloronaphthalene	Grab	EPA625	<33	ug/l	U	NONE
34631	3,3'-dichlorobenzidine	Grab	EPA625	<33	ug/l	U	NONE
34636	4-bromophenyl phenyl ethe	Grab	EPA625	<33	ug/l	U	NONE
34641	4-chlorophenyl phenyl eth	Grab	EPA625	<33	ug/l	U	NONE
34205	acenaphthene	Grab	EPA625	<33	ug/l	U	NONE
34200	acenaphthylene	Grab	EPA625	<33	ug/l	U	NONE
34220	anthracene	Grab	EPA625	<33	ug/l	U	NONE
34526	benzo (a) anthracene	Grab	EPA625	<33	ug/l	U	NONE
34247	benzo (a) pyrene	Grab	EPA625	<33	ug/l	U	NONE
34230	benzo (b) fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34521	benzo (ghi) perylene	Grab	EPA625	<33	ug/l	U	NONE
34242	benzo (k) fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34278	bis (2-chloroethoxy) methan	Grab	EPA625	<33	ug/l	U	NONE
34273	bis (2-chloroethyl) ether	Grab	EPA625	<33	ug/l	U	NONE
34283	bis (2-chloroisopropyl) eth	Grab	EPA625	<33	ug/l	U	NONE
39100	bis (2-ethylhexyl) phthalat	Grab	EPA625	<33	ug/l	U	NONE
34292	butyl benzyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34320	chrysene	Grab	EPA625	<33	ug/l	U	NONE
39110	di-n-butyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34596	di-n-octyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34556	dibenz (a,h) anthracene	Grab	EPA625	<33	ug/l	U	NONE
34336	diethyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34341	dimethyl phthalate	Grab	EPA625	<33	ug/l	U	NONE
34376	fluoranthene	Grab	EPA625	<33	ug/l	U	NONE
34381	fluorene	Grab	EPA625	<33	ug/l	U	NONE
39700	hexachlorobenzene	Grab	EPA625	<33	ug/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: 09/25/93

Effective January 1, 1983

(COC Units)=Chain of Custody Units

SOUTHEAST LANDFILL

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:

TRAVEL BLANK

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
34391	hexachlorobutadiene	Grab	EPA625	<33	ug/l	U	NONE
34386	hexachlorocyclopentadiene	Grab	EPA625	<33	ug/l	U	NONE
34396	hexchloroethane	Grab	EPA625	<33	ug/l	U	NONE
34403	indeno (1,2,3-cd) pyrene	Grab	EPA625	<33	ug/l	U	NONE
34408	isophorone	Grab	EPA625	<33	ug/l	U	NONE
34566	m-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34428	n-nitrosodi-n-propylamine	Grab	EPA625	<33	ug/l	U	NONE
34433	n-nitrosodiphenylamine	Grab	EPA625	<33	ug/l	U	NONE
34696	naphthalene	Grab	EPA625	<33	ug/l	U	NONE
34447	nitrobenzene	Grab	EPA625	<33	ug/l	U	NONE
34536	o-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34571	p-dichlorobenzene	Grab	EPA625	<33	ug/l	U	NONE
34461	phenanthrene	Grab	EPA625	<33	ug/l	U	NONE
34469	pyrene	Grab	EPA625	<33	ug/l	U	NONE

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)

Well Type:

TRAVEL BLANK 11:58

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
560	grease & oil	Grab	EPA413.2	0.9	mg/l	U	H2SO4 to pH<2

GROUNDWATER MONITORING REPORT

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

Sample date: 09/17/93

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

Well Type:

TRAVEL BLANK 10:22

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
560	grease & oil	Grab	EPA413.2	1.94	mg/l	U	H2SO4 to pH<2

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:

PRE EQIP BLANK

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
70300	total dissolved solids	Grab	EPA160.1	10	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	2	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	0.35	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	0.35	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.03	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	<1	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	<1	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	11	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	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
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	1.64	mg/l	U	HNO3 to pH<2

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:

PRE EQIP BLANK

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	<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

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)

Well Type:

PRE EQIP BLANK

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
560	grease & oil	Grab	EPA413.2	1.02	mg/l	U	H2SO4 to pH<2

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

Well Type:

(Rule 17-3.402, 17-3.404-17-3.406)

POST EQIP BLANK

GMS:

Well Purged Prior to

Sample Collection (Yes/No):

Groundwater Elevation

(above MSL) $\uparrow$ (ft.)Water Level $\downarrow$ (ft.)

Storet Code	Parameter Monitored	Sampling Method	Analysis Method	Analysis Results	Units	F-U	Preservative
70300	total dissolved solids	Grab	EPA160.1	10	mg/l	U	NONE
530	total suspended solids	Grab	EPA160.2	3	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	<0.1	mg/l as N	U	H2SO4 to pH<2
600	total nitrogen	Grab	EPA353.2	<0.01	mg/l as N		
665	total phosphorus	Grab	EPA365.4	0.03	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	1	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	<1	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	6.6	mg/l	U	H2SO4 to pH<2
1045	iron-icp method	Grab	EPA200.7	<100	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
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	<1	mg/l	U	HNO3 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: 08/26/93

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

Well Type:

POST EQIP BLANK

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	<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
35795	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

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)

Well Type:

POST EQIP BLANK

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
560	grease & oil	Grab	EPA413.2	1.98	mg/l	U	H2SO4 to pH<2

HILLSBOROUGH COUNTY QUALITY CONTROL REPORT for AUGUST 1993

ANALYTE	Sample	SR(mg/l)	SA(mg/l)	SSR(mg/l)	SDSR(mg/l)	%SSR	RPD
Aluminum	non 9/09/93	0.15	2	2.18	2.23	102	2
Ammonia	non 8/13/93	0.24	1	1.31	1.25	107	5
Arsenic	308	BDL	0.04	0.039	0.039	98	0
Arsenic	74-A	BDL	0.04	0.037	0.039	93	5
Arsenic	POST EQUIP BLANK	BDL	0.04	0.033	0.035	83	6
Arsenic	SURF SITE SW-E	BDL	0.04	0.04	0.039	100	3
Arsenic	non 8/10/93	BDL	0.04	0.037	0.036	93	3
Barium	308	BDL	2	2.06	2	103	3
Barium	74-A	0.008	2	2.03	2.03	101	0
Barium	SURF SITE SW-E	0.02	2	2.06	2.05	102	0
Barium	non 8/10/93	BDL	2	2.06	2.07	103	0
Barium	non 9/09/93	BDL	2	2.07	2.1	103	1
Beryllium	non 9/09/93	BDL	0.05	0.05	0.05	100	0
COD	LEACHATE 1/10 dilution	58	250	294	290	94	1
COD	SW 3A 1/2 dilution	9.5	50	62	61	105	2
Chloride	308	10.1	15	24.7	24.6	97	0
Chloride	307 DUP	9.4	15	24.6	24.5	101	0
Chloride	SW-A 1/20 dilution	4.7	15	25.6	25.6	139	0
Chloride	TH-22 1/20 dilution	1.7	15	16.9	16.7	101	1
Chloride	TH-22 DUP 1/20 dilution	1.92	15	17.3	17.6	103	2
Chloride	ZAMBITO-1	11	15	25	25.1	93	0
Chloride	non 9/02/93 1/20 dilution	2.47	15	19.2	19	112	1
Chromium	308	BDL	0.2	0.213	0.208	106	2
Chromium	74-A	0.008	0.2	0.207	0.207	99	0
Chromium	SURF SITE SW-E	0.006	0.2	0.205	0.25	99	20
Chromium	non 8/10/93	BDL	0.2	0.206	0.208	103	1
Chromium	non 9/09/93	BDL	0.2	0.216	0.219	108	1
Copper	308	BDL	0.25	0.246	0.241	98	2
Copper	74-A	BDL	0.25	0.238	0.239	95	0
Copper	SURF SITE SW-E	BDL	0.25	0.24	0.24	96	0
Copper	non 8/10/93	BDL	0.25	0.244	0.245	98	0
Copper	non 9/09/93	BDL	0.25	0.262	0.264	105	1

HILLSBOROUGH COUNTY QUALITY CONTROL REPORT for AUGUST 1993

ANALYTE	Sample	SR(mg/l)	SA(mg/l)	SSR(mg/l)	SDSR(mg/l)	%SSR	RPD
Fluoride	89	0.01	1	0.91	0.95	90	4
Fluoride	307	0.11	1	1.08	1.13	97	5
Fluoride	310	0.05	1	0.98	0.96	93	2
Fluoride	SURF SITE SW-E	0.17	1	1.17	1.14	100	3
Fluoride	ZAMBITO-3	0.11	1	1.17	1.12	106	4
Iron	308	0.133	1	1.21	1.23	108	2
Iron	74-A	0.887	1	2.01	2.01	112	0
Iron	SURF SITE SW-E	0.3	1	1.34	1.34	104	0
Iron	non 8/10/93	BDL	1	1.04	1.06	104	2
Iron	non 9/09/93	0.249	1	1.31	1.33	106	2
Manganese	308	BDL	0.5	0.478	0.463	96	3
Manganese	74-A	BDL	0.5	0.46	0.46	92	0
Manganese	SURF SITE SW-E	0.063	0.5	0.519	0.517	91	0
Manganese	non 8/10/93	BDL	0.5	0.449	0.457	90	2
Manganese	non 9/09/93	0.017	0.5	0.497	0.504	96	1
Mercury	82	BDL	0.002	0.0022	0.0021	110	5
Mercury	66 DUP	BDL	0.002	0.0018	0.0018	90	0
Mercury	66 DUP	BDL	0.002	0.0024	0.0025	120	4
Mercury	non 9/10/93	BDL	0.002	0.0018	0.0018	90	0
Nickel	non 9/09/93	BDL	0.5	0.522	0.529	104	1
Nitrate + Nitrite	84	0.01	0.5	0.52	0.51	102	2
Nitrate + Nitrite	307 DUP	0.01	0.5	0.52	0.52	102	0
Nitrate + Nitrite	73-A	0.01	0.5	0.51	0.51	100	0
Nitrate + Nitrite	P24 1/20 dilution	0.19	0.5	0.71	0.71	104	0
Nitrate + Nitrite	P8 1/20 dilution	0.37	0.5	0.88	0.88	102	0
Nitrate + Nitrite	SURF SITE 3A	0.59	0.5	1.04	1.05	90	1
Nitrate + Nitrite	SURF SITE SW-A	0.32	0.5	0.81	0.81	98	0
Nitrate + Nitrite	TH-19	0.01	0.5	0.51	0.5	100	2
Nitrate + Nitrite	TH-22	0.02	0.5	0.5	0.5	96	0
Nitrate + Nitrite	ZAMBITO-1	BDL	0.5	0.52	0.52	104	0
Nitrite	84	0.02	0.3	0.32	0.32	100	0
Nitrite	307 DUP	0.02	0.3	0.32	0.32	100	0
Nitrite	73-A	0.02	0.3	0.32	0.31	100	3

HILLSBOROUGH COUNTY QUALITY CONTROL REPORT for AUGUST 1993

ANALYTE	Sample	SR(mg/l)	SA(mg/l)	SSR(mg/l)	SDSR(mg/l)	%SSR	RPD
Nitrite	P24	BDL	0.3	0.3	0.3	100	0
Nitrite	P8	BDL	0.3	0.31	0.31	103	0
Nitrite	SURF SITE SW-A	0.01	0.3	0.31	0.31	100	0
Nitrite	TH-22	0.01	0.3	0.31	0.31	100	0
Nitrite	ZAMBITO-1		0.3	0.3	0.3	100	0
Selenium	74-A	BDL	0.01	0.003	0.003	30	0
Selenium	POST EQUIP BLANK	BDL	0.01	0.0099	0.0074	99	29
Selenium	SURF SITE SW-E	BDL	0.01	0.003	0.005	30	50
Selenium	non 8/10/93	BDL	0.01	0.009	0.009	90	0
Sulfate	307	BDL	15	14.5	14	97	4
Sulfate	BARNES	BDL	15	14.7	14.8	98	1
Sulfate	SUPPLY	BDL	15	15.4	15	103	3
Sulfate	ZAMBITO-3	BDL	15	15.9	15.8	106	1
Sulfate	non 9/02/93 1/5 dilution	8.6	15	24.2	24.2	104	0
Sulfate	non 9/07/93 1/5 dilution	6	15	22.6	22.6	111	0
TKN	non 8/25/93	0.86	2	2.97	3.01	106	1
TKN	non 9/07/93	0.27	2	2.47	2.49	110	1
TKN	non 9/14/93	0.6	2	2.55	2.52	97	1
TOC	73-A	2.9	10	14	14.4	111	3
TOC	84 1/10 dilution	1.8	10	12.6	12.8	108	2
TOC	P8	3	10	13.7	13.7	107	0
TOC	non 8/09/93	2.2	10	12.8	13.8	106	8
TOC	non 8/31/93	BDL	10	9.6	9.7	96	1
Total Cyanide	non 9/03/93	BDL	0.05	0.047	0.046	94	2
Total Phosphorous	non 8/17/93	0.08	0.5	0.59	0.62	102	5
Total Phosphorous	non 8/27/93	0.02	0.5	0.5	0.54	96	8
Total Phosphorous	non 9/09/93	0.03	0.5	0.43	0.53	80	21
Zinc	308	BDL	0.5	0.488	0.475	98	3
Zinc	74-A	BDL	0.5	0.47	0.47	94	0
Zinc	SURF SITE SW-E	0.013	0.5	0.494	0.495	96	0
Zinc	non 8/10/93	BDL	0.5	0.453	0.463	91	2
Zinc	non 9/09/93	0.008	0.5	0.502	0.506	99	1

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ANALYTE	Sample	SR(ug/l)	SA(ug/l)	SSR(ug/l)	SDSR(ug/l)	%SSR	RPD
1,1-Dichloroethene	P8	BDL	20	17.9	17.6	90	2
Trichloroethene	P8	BDL	20	21.9	21.1	109	4
Benzene	P8	BDL	20	20.8	19.5	104	6
Toluene	P8	BDL	20	21.1	20.2	106	4
Chlorobenzene	P8	BDL	20	20.9	19.8	104	5
1,1-Dichloroethene	non 8/10/93	BDL	20	12.4	13.1	62	5
Trichloroethene	non 8/10/93	BDL	20	14.9	16.8	75	12
Benzene	non 8/10/93	BDL	20	14.9	16.5	75	10
Toluene	non 8/10/93	BDL	20	15.4	16.6	77	8
Chlorobenzene	non 8/10/93	BDL	20	16.5	18.1	83	9
1,1-Dichloroethene	non 8/13/93	BDL	10	7.6	9.0	76	17
Trichloroethene	non 8/13/93	BDL	10	9.6	11	96	14
Benzene	non 8/13/93	BDL	10	9.8	11.9	98	19
Toluene	non 8/13/93	BDL	10	10.8	12	108	11
Chlorobenzene	non 8/13/93	BDL	10	11	12.6	110	14
1,1-Dichloroethene	non 8/25/93	BDL	20	19.2	20.8	96	8
Trichloroethene	non 8/25/93	BDL	20	19.1	24.4	96	24
Benzene	non 8/25/93	BDL	20	17.6	22.7	88	25
Toluene	non 8/25/93	BDL	20	17.8	23.2	89	26
Chlorobenzene	non 8/25/93	BDL	20	18.7	23.3	94	22
1,1-Dichloroethene	non 9/01/93	BDL	20	15.9	15.9	80	0
Trichloroethene	non 9/01/93	BDL	20	19.4	18.5	97	5
Benzene	non 9/01/93	BDL	20	19.1	18.1	96	5
Toluene	non 9/01/93	BDL	20	19.3	18.7	97	3
Chlorobenzene	non 9/01/93	BDL	20	20	19.4	100	3

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ANALYTE	Sample	SR(ug/l)	SA(ug/l)	SSR(ug/l)	SDSR(ug/l)	%SSR	RPD
2,4-D	930801901	BDL	1	1.07	1.01	107	101
2,4-D	non 8/16/93	BDL	1	0.77	0.7	77	70
2,4-D	non 8/16/93	BDL	1	1.33	1.54	133	154
EDB	Blank 8/06/9	BDL	0.48	0.44	0.41	92	85
EDB	non 8/06/93	BDL	0.48	0.33		69	0
Silvex	930801901	BDL	1	0.54	0.55	54	55
Silvex	non 8/16/93	BDL	1	0.44	0.45	44	45
Silvex	non 8/16/93	BDL	1	1.06	1.1	106	110

1,2,4-TRICHLOROBENZENE	930803306	BDL	100	52	62	52	62
1,4-DICHLOROBENZENE	930803306	BDL	100	46	53	46	53
2,4-DINITROTOLUENE	930803306	BDL	100	86	88	86	88
2-CHLOROPHENOL	930803306	BDL	200	212	106	106	53
ACENAPHTHENE	930803306	BDL	100	59	51	59	51
N-Nitroso-di-n-propylamine	930803306	BDL	100	62	67	62	67
PENTACHLOROPHENOL	930803306	BDL	200	216	186	108	93
PHENOL	930803306	BDL	200	200	184	100	92
PYRENE	930803306	BDL	100	93	99	142	99
p-CHLORO-m-CRESOL	930803306	BDL	200	156	140	78	70

Lindane	930802001	BDL	0.1	0.027	0.098	27	114
Dieldrin	930802001	BDL	0.2	0.054	0.160	27	99
Endrin	930802001	BDL	0.2	0.071	0.330	35	129
DDT	930802001	BDL	0.2	0.035	0.260	18	153
Aldrin	930802001	BDL	0.1	0.033	0.131	33	120
Heptachlor	930802001	BDL	0.1	0.062	0.163	62	90