GW file

Board of County Commissioners

Department of Public Works

November 15, 1996

REPLY TO:
Solid Waste Management
P.O. Box 340
Lecanto, Fl 34460

Ms. Allison Amram, P.G.
Environmental Specialist III
Dept. of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.
NOV 25 1996
TAMPA

APRIL 1996
JAN 1996 (REVISED)
JULY 1995 (REVISED)

RE: REVISED REPORTS FOR THE CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING - 60 AND 80 ACRE SITES-

Dear Ms. Amram:

Enclosed please find revised reports from Orlando Laboratories, Inc., the County's contracted laboratory, indicating changes in reporting of turbidity, and field filtering.

Please note, report 96-04-260 indicated field turbidity in MW-B at 1.04, (duplicate 1.75), with field filtering of metals and report 96-04-283 which did not indicate the unfiltered field turbidity for MW-AA, but the metals were filtered.

We have also enclosed a copy of a letter to Orlando Labs, reminding them of FDEP guidelines for this procedure.

Should further information or clarification be necessary, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe

Susan J. Metcalfe, P.G.
Director, Division of Solid Waste Management

SJM:CJW:cjw

Administrative Office	Facilities Maintenance	Fleet Management	Road Maintenance	Solid Waste Management
Post Office Box 167	Post Office Box 143	Post Office Box 215	Post Office Box 167	Post Office Box 340
Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460	Lecanto, Florida 34460
(352) 746-4107	(352) 527-0333	(352) 746-6888	(352) 746-4107	(352) 746-5000
Fax 746-1203	Fax 527-0654	Fax 746-1203	Fax 746-1203	Fax 527-1204

Board of County Commissioners

Department of Public Works

REPLY TO:
Solid Waste Management
P.O. Box 340
Lecanto, Fl 34460

November 15, 1996

Orlando Laboratories, Inc.
P. O. Box 149127
Orlando, Fl 32814

Att: Mr. William Billings, QA Officer

Re: Bid No. 94-87 - Collection and Analysis of Groundwater and Leachate Samples at the Citrus County Central Landfill

Dear Mr. Billings:

We have received the revised reports for Filtered and Unfiltered Turbidity Results for the Landfill's groundwater monitoring program. Thank you for your assistance.

Upon reviewing, we noted that the 96-04-260 report for MW-B indicated a field turbidity of 1.04, the duplicate 1.75 and the 96-04-283 report for MW-AA did not indicate a unfiltered turbidity report, but metals were filtered.

We understand that these cannot be corrected at this time, but wanted to reiterate the FDEP guidelines for filtering as follows:

> If the field turbidity is >5 NTU then field filtering for turbidity, metals and radionuclide samples may be completed is accordance with FDEP's January 1994 technical document Determining Representative Ground Water Samples, Filtered or Unfiltered. Filtering must be conducted in the field prior to sample preservation with an in-line molded and disposable 1.0 micron filter unit.
>
> Groundwater reports must record the unfiltered turbidity for the sample, and state the filter size.

Please review this information with your sampling staff.

If I can be of further assistance, please let me know.

Sincerely,

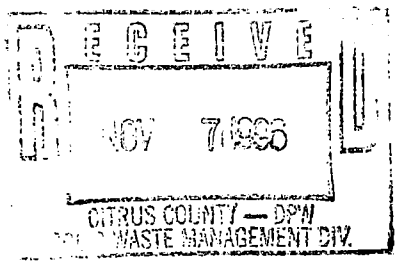
Susan J. Metcalfe,
Director, Division of
Solid Waste Management

SJM:CJW:cjw

CC: Cathy Winter, Solid Waste Tech. II
Allison Amram, P.G., Solid Waste Section, FDEP

ORLANDO LABS

Miami • Orlando • Atlanta • Raleigh



REPORT OF ANALYSIS

Citrus County
Department of Solid Waste
P. O. Box 340
Lecanto, FL 34460-0340
Attn: Cathy Winter

Work Order # : 96-04-259
Date Received: 04/16/96
Report Due by: 04/30/96
OLI Contact: D_STEVENS

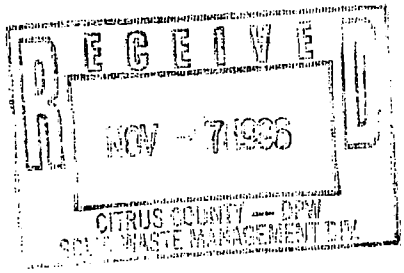
Work ID: Landfill - 1996 2nd Quarter
Samples collected by: OLI Field Team
Total Samples: 5

Sample Identification	Description of Analysis	Description of Analysis
01A MW-4	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	EDB/DBCP in Water Chloride Color: Field Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
02A MW-5	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	EDB/DBCP in Water Chloride Color: Field Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
03A MW-6	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	EDB/DBCP in Water Chloride Color: Field Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
04A Equip Blank	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered	EDB/DBCP in Water Chloride Color: Field

Citrus County
Work ID: Landfill - 1996 2nd Quarter

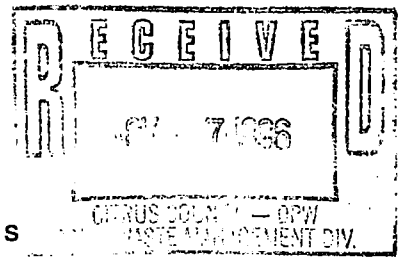
Work Order # : 96-04-259
Continued

Sample Identification	Description of Analysis	Description of Analysis
04A Equip Blank	Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
05A Method Blank	Field Data for DER Samples GC/MS Vol Organics:Appx I QC for Wet Chemistry	EDB/DBCP in Water QC for Metals



Respectfully Submitted,
ORLANDO LABORATORIES, INC.

Authorized Laboratory Signature



Orlando Laboratories, Inc.
Work Order 96-04-259

Analytes Whose Results Exceed
Maximum Guidance Contamination Levels

OLI Number	Sample Identification	Test/Analyte Name	Result	MCL	Units
01A	MW-4	Field Data for DER Samples			
		Field pH	5.57	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx I			
		Benzene	3	1.0	UG/L
		Trichloroethylene	3	3.0	UG/L
		Vinyl Chloride	3	1.0	UG/L
		Secondary Chemical (ICAP)			
		Iron: Filtered	24000	300	UG/L
		Manganese: Filtered	140	50	UG/L
		Field Turbidity	11.13	1	NTU
02A	MW-5	Field Data for DER Samples			
		Field pH	5.14	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx I			
		Benzene	2	1.0	UG/L
		Bromodichloromethane	2	0.6	UG/L
		Dibromochloromethane	2	1.0	UG/L
		Methylene chloride	13	5.0	UG/L
		Vinyl Chloride	4	1.0	UG/L
		Secondary Chemical (ICAP)			
		Iron: Filtered	5000	300	UG/L
		Field Turbidity	28.40	1	NTU
03A	MW-6	Field Data for DER Samples			
		Field pH	4.83	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx I			
		Bromodichloromethane	33	0.6	UG/L
		Bromoform	16	4.0	UG/L
		Chloroform	30	6.0	UG/L
		Dibromochloromethane	41	1.0	UG/L
		Vinyl Chloride	3	1.0	UG/L
		Chloride	287	250	MG/L
		Inorganic Chemical (ICAP)			
		Sodium: Filtered	220	160	MG/L
		Secondary Chemical (ICAP)			
		Manganese: Filtered	120	50	UG/L
		Nitrogen: Nitrate	82.4	50	MG/L
		Total Dissolved Solids	1060	500	MG/L
		Field Turbidity	9.05	1	NTU

This summary page indicating compound concentrations above the June, 1994 FDEP Ground Water Guideline Concentrations 'MCL' is an enhancement to your standard reports. While Orlando Laboratories, Inc. has made every effort to ensure its validity, we would like to caution you to please verify its contents. If the summary page fails, please notify your Account Representative immediately.

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17268
Well Name: MW-4
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): _____
or (MSL): 8.08

Sampling Date/Time: 04/16/96 11:43:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	5.57 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	1.9 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	175 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	114.54 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	1.9 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/16/96	0.29 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	3 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	8 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	6 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	4 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

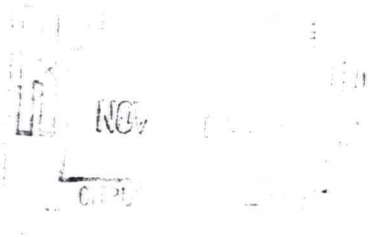
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	3 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	3 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	3 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	7.3 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 11:43	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	5.1 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/19/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	24000 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	140 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	0.02 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	0.09 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	148 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	11.13 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17269
Well Name: MW-5
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): ____
or (MSL): 7.84

Sampling Date/Time: 04/16/96 10:45:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[ ] Other

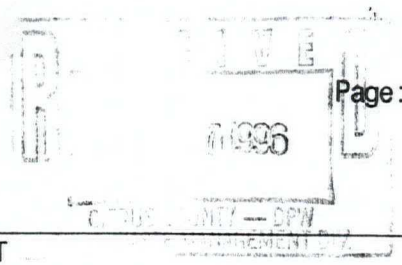
STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	5.14 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	3.1 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	215 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	113.3 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	3.1 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/16/96	0.16 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	2 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	2 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	4 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	2 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	3 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	3 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	5 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Order #: 96-04-259-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Citrus County Landfill



PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17269
Well Name: MW-5

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	13 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	4 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	3 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	33 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 10:45	Tan NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	33 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Citrus County Landfill

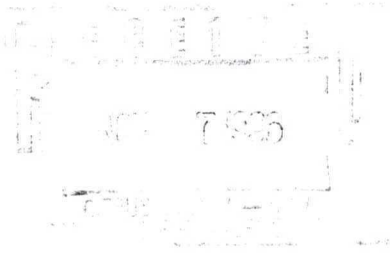
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17269
Well Name: MW-5

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/19/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	5000 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	47 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	0.10 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	5.10 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	168 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	28.40 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): _____
or (MSL): 7.88

Sampling Date/Time: 04/16/96 11:10:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	4.83 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	21.7 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	1550 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	110.60 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	3.0 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/16/96	0.36 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	04/18/96	<0.30 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/18/96	<0.30 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	33 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	16 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	30 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	41 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Re: EPA 504_1 - Sample 03:
Elevated detection limits caused by dilution of sample due to matrix interference.

Order #: 96-04-259-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	3 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	287 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 11:10	Clear NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	130 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	27 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/19/96	220 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Order #: 96-04-259-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/19/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	190 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	15 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	250 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	120 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	160 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	3.49 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	82.4 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	1060 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	9.05 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK
Classification of Groundwater: NA

Ground Water Elevation (NGVD): _____
or (MSL): NA

Sampling Date/Time: 04/16/96 10:30:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	6.68 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	18.3 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	<5.0 umhos/cm	1.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	4.0 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/16/96	0.06 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

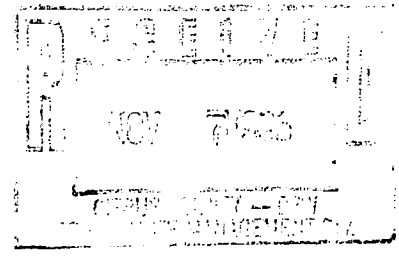
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	<1.0 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 10:30	Clear NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	<1.0 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.



Citrus County Landfill

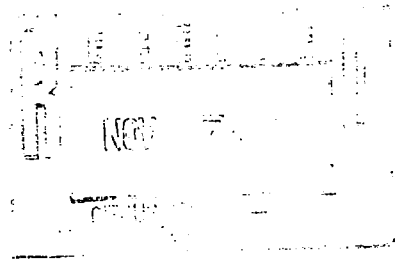
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/19/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	<30 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	<0.02 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	<10 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	0.03 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK
Classification of Groundwater: NA

Ground Water Elevation (NGVD): _____
or (MSL): NA

Sampling Date/Time: _____
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77651	EDB	NA	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

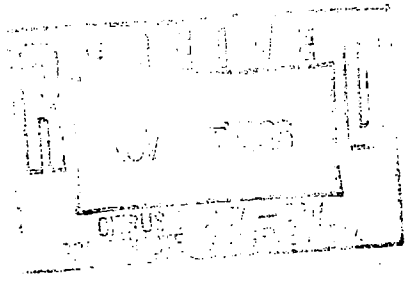
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK

Sampling Date/Time:
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
30217	Methylene bromide	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



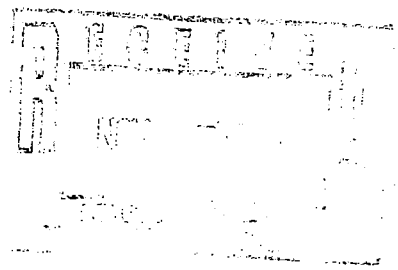
Citrus County
Attn: Cathy Winter
Work ID: Landfill - 1996 2nd Quarter

Report Number: 96-04-259

Quality Control Data Sheets

Parameter	OLI Sample #	Amt Spike	Sample Result	MS Result	MS %Rec	MSD or Duplicate Result	MSD %Rec	RPD	Analysis Date	Analyst	* QC Limits * Min/Max	RPD
Cobalt	9604260-02	100	<10	100.8	101	104.9	105	4	04/18/96	DM	84	118	10
Vanadium	9604260-02	100	<10	102.9	103	107.4	107	4	04/18/96	DM	85	118	10
Barium	9604260-02	2000	6.4	2047	102	2098	105	2	04/18/96	DM	85	111	11
Cadmium	9604260-02	50	<5.0	51.1	102	53.4	107	4	04/18/96	DM	83	116	10
Chromium	9604260-02	200	1.8	204.9	102	212.6	105	4	04/18/96	DM	83	115	11
Nickel	9604260-02	500	2.0	495.4	99	516.1	103	4	04/18/96	DM	88	117	11
Beryllium	9604260-02	50	<4.0	51.4	103	53.1	106	3	04/18/96	DM	87	115	10
Sodium	9604260-02	10000	6139	16070	99	16410	103	2	04/18/96	DM	75	145	10
Arsenic	9604260-02	500	<5.0	523.4	105	543.6	109	4	04/18/96	DM	86	115	14
Lead	9604260-02	500	<5.0	505.0	101	526.4	105	4	04/18/96	DM	81	119	11
Selenium	9604260-02	500	<5.0	496.0	99	515.1	103	4	04/18/96	DM	86	120	13
Antimony	9604260-02	100	<5.0	99.9	100	104.1	104	4	04/18/96	DM	83	118	11
Thallium	9604309-12	100	<5.0	98.0	98	104.3	104	6	04/22/96	DM	83	112	13
Aluminum	9604260-02	2000	161.3	2254	105	2256	105	<1	04/18/96	DM	64	155	18
Copper	9604260-02	250	1.5	258.3	103	264.3	105	2	04/18/96	DM	87	118	19
Iron	9604260-02	1000	83.7	1074	99	1112	103	3	04/18/96	DM	79	121	13
Manganese	9604260-02	500	15.9	515.5	100	534.4	104	4	04/18/96	DM	85	119	9
Silver	9604260-02	100	<10	105.9	106	109.0	109	3	04/18/96	DM	88	111	10
Zinc	9604260-02	500	84.0	590.4	101	612.4	106	4	04/18/96	DM	81	118	10
Mercury	9604223-01	1.0	<0.2	0.9819	98	0.9892	99	1	04/19/96	JG	67	128	12
Nitrite	9604258-03	1.0	<0.02	0.95	95	0.96	96	1	04/17/96	GP	61	136	4
Chloride	9604205-02	50	16	66	100	66	100	0	04/18/96	GP	89	115	4
Total Dissolve*	9604263-01		2860		NA	2790	NA	2	04/18/96	SS			14
Nitrate/Nitrite	9604170-04	1.0	<0.02	0.93	93	0.92	92	1	04/19/96	GP	53	127	7
Ammonia Nitroge	9604260-03	1.0	0.01	0.85	84	0.86	85	1	04/24/96	LC	42	119	11

* Relative Percent Difference (RPD) was calculated from results of sample and sample duplicate.



ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 4-18-1996
EPA METHOD : 504

LAB SAMPLE #: 9604223-1
ANALYSIS DATE: 4-17-96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
Ethylene Dibromide	100	0	89.0	89	90.0	90	1
Dibromochloropropane	100	0	100	100	105	105	5

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER LOWER	WATER UPPER	WATER RPD	SOIL LOWER	SOIL UPPER	SOIL RPD
Ethylene Dibromide	66	121	8	NA	NA	NA
Dibromochloropropane	72	137	9	NA	NA	NA

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 4-19-1996
EPA METHOD : 624/8260

LAB SAMPLE #: 9604260-3
ANALYSIS DATE: 4/17/96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethene	50	0	50.0	100	50.0	100	0
Trichloroethene	50	0	44.0	88	50.0	100	13
Benzene	50	0	46.0	92	50.0	100	8
Toluene	50	0	44.0	88	49.0	98	11
Chlorobenzene	50	0	45.0	90	50.0	100	11

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER LOWER	WATER UPPER	WATER RPD	SOIL LOWER	SOIL UPPER	SOIL RPD
1,1-Dichloroethene	78	144	28	NA	NA	NA
Trichloroethene	85	131	17	NA	NA	NA
Benzene	74	133	26	NA	NA	NA
Toluene	79	130	23	NA	NA	NA
Chlorobenzene	77	138	25	NA	NA	NA

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: 2nd Quarter PWSID#

Site Location: Lecanto, FL

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW-4	041696 1143	7

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	G.W.	Bail / # 323	SUB

Well Specifications

Diameter	2	in.
Water Level	114.54	ft.
Total Depth	122.60	ft.
Column Height	8.06	ft.
Column Volume	1.31	gal.
Min Evac.	N/A	gal.
Actual	3 1.75	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x)	-CR	Gallons
0.163	=	1.31
3x	=	3.93
5x	=	6.55

In Place Plumbing Data

Plumbing Material	SS / T6	
Purge Flow Rate	2 0.875 (2 GPMS)	Gal/min
Purge Time	2 2.0	min
Sample Flow Rate	6.0-8.0	ml/min

Well Purged: (Dry) or 3x and field tests within 5%, or 5x x2

NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time						
Temperature	N/A					
Conductivity						N/A
pH						
Begin time	1205	End time 1214				

Purging Comments: DRY¹ 1.0GAL - 1.0MIN / DRY² .75GAL - 1.0M

Field Parameters

Tests	1st	2nd
Temp.	23.3	
Cond.	175	
pH	5.57	
D.O.	1.9	

Additional Test Results:

Sampling Information

	Depth	Drums:	
Surface Water		Type	
Soil/Sediments		Contents	N/A
N/A		Laver Sampled	
Wastewater:			
Type of Composite		Drilling/boring method	
Begin time		Drilling mud used	
End time			

Sample Appearance

Tint	Light
Color	white
Turbidity	0.29
Odor	Light
TURB B. Filtered	11.13

Environmental Conditions

Air Temp.	≈ 17.0
Wind	NE 0-5
Rain	none
Atmosphere	Sunny
Other	

Additional Information:

Well Purged on 041596 Per Client Request.

FIELD FILTERED REQUIRED (Y) or N

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature: Jim W. & Dale D.

Field Identification of Containers

Workorder#_____ # of Containers 7

Field Code	Containers	Presv. Check	Amt. Added
GC - SO4	2-A	$NA_2S_2O_3$	N/A
MS - 8260 I	2-A	HCL	N/A
AA - METALS	1-L	HNO_3 <2.0	/
WC - NH_3-N, NO3-N	1-O	H_2SO_4 <2.0	
WC - CL, NO3-N, TDS	1-N	NONE	N/A

Field Codes (Order of Sample Collection):

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
AA	Metals
MC	Microbiological
WC	Wet Chemistry
PS	Wet Chemistry (percent solid)
RD	Radiochemistry

Containers:

Vials (A)	Mason Jars (B)
Glass:	Plastic:
gallon (C)	gallon (I)
80 oz. (D)	1/2 gallon (J)
32 oz. (E)	80 oz. (K)
16 oz. (F)	32 oz. (L)
8oz. (G)	16 oz. (M)
4oz. (H)	8oz. (N)
	4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: CITRUS County DEPT OF SOLID WASTE

Project Name / Number: 2ND QUARTER PWSID#

Site Location: LECANTO, FL

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW-5	041696 1045	7

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	G.W.	BAT / # 063	SUB

Well Specifications

Diameter	2	in.
Water Level	~~121~~ 113.3	ft.
Total Depth	121.14	ft.
Column Height	7.84	ft.
Column Volume	1.28	gal.
Min Evac.	N/A	gal.
Actual	2 2.0 GAL	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) - CR = Gallons

0.163 = 1.28

3x = 3.84

5x = 6.40

In Place Plumbing Data

Plumbing Material	SS / T6	
Purge Flow Rate	2 280 #2 1.0	Gal/min
Purge Time	2 2.0 MIN	min
Sample Flow Rate	6.0 - 8.0	ml/min

Well Purged: Dry or 3x and field tests within 5%, or 5x 2x SW

NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time						
Temperature	N/A					
Conductivity						N/A
pH						
Begin time	1102	End time				

Purging Comments: DRY 1 1.0GAL - 1.0 MIN / DRY 2 1.0GAL - 1MIN

Field Parameters

Tests	1st	2nd
Temp.	21.8	
Cond.	215	
pH	5.14	
D.O.	3.1	

Additional Test Results:

Sampling Information

	Depth	Drums:	
Surface Water		Type	
Soil/Sediments		Contents	N/A SG
N/A		Laver Sampled	
Wastewater:			
Type of Composite		Drilling/boring method	
Begin time		Drilling mud used	
End time			

Sample Appearance

Tint	LIGHT
Color	TAN
Turbidity	~~26~~ 0.16
Odor	LIGHT
TURB B. FILTERED	28.4

Environmental Conditions

Air Temp.	2 16.0
Wind	NE 0-5
Rain	NONE
Atmosphere	SUNNY
Other	

Additional Information:

WELL PURGED ON 041596 PER CLIENT REQUEST.

2 1 inch SILT/SAND IN FIRST BAILER. SW

FIELD FILTERED REQUIRED (Y) or N

Fuel Power Unit Downline? Y or (N) UNABLE SG

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature JIM W. & DALE D. —

Field Identification of Containers

Workorder#_____ # of Containers 7

Field Code	Containers	Presv. Check	Amt. Added
GC - SO4	2-A	$NA_2S_2O_3$	w/A
MS - 8260 I	2-A	HCL	w/A
AA - METALS	1-L	HNO_3 <2.0	✓
WC - NH_3-N, NO3-N	1-O	H_2SO_4 <2.0	✓
WC - CL, NO3-N, TDS	1-N	NONE	N/A

Field Codes (Order of Sample Collection):

GC VOC's
MS VOC's (mass spec)
EW Extractable Organics (water)
ES Extractable Organics (soil)
LC Liquid Chromatography
AA Metals
MC Microbiological
WC Wet Chemistry
PS Wet Chemistry (percent solid)
RD Radiochemistry

Containers:

Vials (A)

Mason Jars (B)

Glass:
gallon (C)
80 oz. (D)
32 oz. (E)
16 oz. (F)
8oz. (G)
4oz. (H)

Plastic:
gallon (I)
1/2 gallon (J)
80 oz. (K)
32 oz. (L)
16 oz. (M)
8oz. (N)
4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: 2nd Quarter PWSID#

Site Location: Lecanto, FL

Sample ID: MW-6

Sampling Date & Time: 04/16/96 1110

Number of Bottles: 7

Sample Type: GRB

Sample Matrix: G.W.

Sampling Method: Bat / # 097

Well Evacuation Method: SUB

Well Specifications

Diameter	2	in.
Water Level	110.60	ft.
Total Depth	122.50	ft.
Column Height	11.90	ft.
Column Volume	1.94	gal.
Min Evac.	N/A	gal.
Actual	2	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) -CR Gallons

0.163 = 1.94

3x = 5.82

5x = 9.70

In Place Plumbing Data

Plumbing Material	SS / T6	
Purge Flow Rate	2 2 0.60 GPM 260HZ	Gal/min
Purge Time	2 5.0	min
Sample Flow Rate	6.0 - 8.0	ml/min

Well Purged: Dry, or 3x and field tests within 5%, or 5x (R)

NGVD. MSL/TOC | (-) WL/TOC | (-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time						
Temperature	N/A					
Conductivity						N/A
pH						
Begin time	1130	End time	1143			

Purging Comments: Dry 3.0 Min — 2.0 Gal Dry 2 2.0 Min — 1.0 GAL.

Field Parameters

Tests	1st	2nd
Temp.	21.7	
Cond.	1550	
pH	4.83	
D.O.	3.0	

Additional Test Results:

Sampling Information

	Depth	Drums:		Tint	None	Air Temp.	2 17.0
Surface Water		Type		Color	Clear	Wind	NE 5-10
Soil/Sediments		Contents	N/A	Turbidity	0.36	Rain	None
N/A		Laver Sampled		Odor	Light	Atmosphere	Sunny
Wastewater:						Other	
Type of Composite		Drilling/boring method		TURB B. Filtered	9.05		
Begin time		Drilling mud used					
End time							

Additional Information:

Well Purged on 04/15/96 Per Client Request

FIELD FILTERED REQUIRED (Y) OR N

Fuel Power Unit Downline? (N) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature: Jim W. & Dale D. —

Field Identification of Containers

Workorder#_____ # of Containers 7

Field Code	Containers	Presv. Check	Amt. Added
GC - SO4	2-A	$NA_2S_2O_3$	W/A
MS - 8260 I	2-A	HCL	W/A
AA - METALS	1-L	HNO_3 <2.0	✓
WC - NH_3-N, NO_3-N	1-O	H_2SO_4 <2.0	✓
WC - CL, NO_3-N, TDS	1-N	NONE	N/A

Field Codes (Order of Sample Collection):

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
AA	Metals
MC	Microbiological
WC	Wet Chemistry
PS	Wet Chemistry (percent solid)
RD	Radiochemistry

Containers:

Vials (A)	Mason Jars (B)
Glass:	Plastic:
gallon (C)	gallon (I)
80 oz. (D)	1/2 gallon (J)
32 oz. (E)	80 oz. (K)
16 oz. (F)	32 oz. (L)
8oz. (G)	16 oz. (M)
4oz. (H)	8oz. (N)
	4oz. (O)

Orla[illegible]o Laboratories, Inc. Field S[illegible]et

Revised: January 25, 1996

Client: CITRUS County DEPT OF SOLID WASTE

Project Name / Number: 2ND QUARTER PWSID#

Site Location: LECANTO, FL

Sample ID: MW- EQUIP BLANK

Sampling Date & Time: 041696 1030

Number of Bottles: 4 / 8

Sample Type: GRB

Sample Matrix: G.W.

Sampling Method: BAT # 063

Well Evacuation Method: SUB N/A

Well Specifications

Diameter	2	in.
Water Level		ft.
Total Depth		ft.
Column Height		ft.
Column Volume	N/A	gal.
Min Evac.		gal.
Actual	2	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) -CR Gallons

0.163 =

3x =

5x = N/A

In Place Plumbing Data

Plumbing Material	SS / T6	
Purge Flow Rate	2	Gal/min
Purge Time	2 N/A	min
Sample Flow Rate	6.0-8.0	ml/min

Well Purged: Dry, or 3x and field tests within 5%, or 5x

NGVD. MSL/TOC	(+) WL/TOC	(-) WATER LEVEL/ MSL.NGVD

Well Purging Data

[illegible]llons/Time						
[illegible]mperature	N/A					
Conductivity						N/A
pH						
Begin time		End time				

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	18.3	
Cond.	<5.0	
pH	6.68	
D.O.	4.0	

Additional Test Results:

Sampling Information

	Depth	Drums:	
Surface Water		Type	
Soil/Sediments		Contents	N/A
N/A		Laver Sampled	
Wastewater:			
Type of Composite		Drilling/boring method	
Begin time		Drilling mud used	
End time			

Sample Appearance

Tint	NONE	TURB B. FILTERED	0.06
Color	CLEAR		
Turbidity	0.03		
Odor	NONE		

Environmental Conditions

Air Temp.	16.0
Wind	0-5 E
Rain	None
Atmosphere	Sunny
Other	

NA Additional Information:

~~WELL PURGED ON 041596 PER CLIENT REQUEST.~~ (5)

FIELD FILTERED REQUIRED (Y) or N

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature: JIM W. & DALE D.

Field Identification of Containers

Workorder#_____ # of Containers 8

Field Code	Containers	Presv. Check	Amt. Added
GC - SO4	3-A (SO)	$NA_2S_2O_3$	W/A
MS - 8260 I	2-A	HCL	W/A
AA - METALS	1-L	HNO_3 <2.0	✓
WC - NH_3-N, NO3-N	1-O	H_2SO_4 <2.0	✓
WC - CL, NO3-N, TDS	1-N	NONE	N/A

Field Codes (Order of Sample Collection):

GC VOC's
MS VOC's (mass spec)
EW Extractable Organics (water)
ES Extractable Organics (soil)
LC Liquid Chromatography
AA Metals
MC Microbiological
WC Wet Chemistry
PS Wet Chemistry (percent solid)
RD Radiochemistry

Containers:

Vials (A)

Glass:
gallon (C)
80 oz. (D)
32 oz. (E)
16 oz. (F)
8oz. (G)
4oz. (H)

Mason Jars (B)

Plastic:
gallon (I)
1/2 gallon (J)
80 oz. (K)
32 oz. (L)
16 oz. (M)
8oz. (N)
4oz. (O)

ORLANDO LABS

Miami • Orlando • Atlanta • Raleigh

REPORT OF ANALYSIS

Citrus County
Department of Solid Waste
P. O. Box 340
Lecanto, FL 34460-0340
Attn: Cathy Winter

Work Order # : 96-04-260
Date Received: 04/16/96
Report Due by: 04/30/96
OLI Contact: D_STEVENS

Work ID: Landfill - 1996 2nd Quarter
Samples collected by: OLI Field Team
Total Samples: 4

Sample Identification	Description of Analysis	Description of Analysis
01A MW-R1	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	EDB/DBCP in Water Chloride Color: Field Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
02A MW-B	Field Data for DER Samples GC/MS Vol Organics:Appx I Color: Field Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium	EDB/DBCP in Water Chloride Cobalt Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
03A MW-B Dup	Field Data for DER Samples GC/MS Vol Organics:Appx I Color: Field Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium	EDB/DBCP in Water Chloride Cobalt Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
04A Method Blank	Field Data for DER Samples GC/MS Vol Organics:Appx I QC for Wet Chemistry	EDB/DBCP in Water QC for Metals

Respectfully Submitted,
ORLANDO LABORATORIES, INC.

Authorized Laboratory Signature

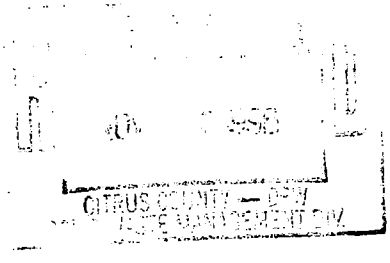
P.O. Box 149127 • Orlando, FL 32814 • (407) 896-6645 • Fax (407) 898-6588

Orlando Laboratories, Inc.
Work Order 96-04-260

Analytes Whose Results Exceed
Maximum Guidance Contamination Levels

OLI Number	Sample Identification	Test/Analyte Name	Result	MCL	Units
01A	MW-R1	Field Data for DER Samples			
		Field pH	6.13	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Iron: Filtered	10000	300	UG/L
		Manganese: Filtered	1200	50	UG/L
		Field Turbidity	13.79	1	NTU
02A	MW-B	Field Data for DER Samples			
		Field pH	5.30	6.5-8.5	UNITS
		Field Turbidity	1.04	1	NTU
03A	MW-B Dup	Field Data for DER Samples			
		Field pH	5.01	6.5-8.5	UNITS
		Field Turbidity	1.75	1	NTU
03B	MW-B Dup	OLI Field Services			
		Field Turbidity	1.75	1	NTU

This summary page indicating compound concentrations above the June, 1994 FDEP Ground Water Guideline Concentrations 'MCL' is an enhancement to your standard reports. While Orlando Laboratories, Inc. has made every effort to ensure its validity, we would like to caution you to please verify its contents. If the summary page fails, please notify your Account Representative immediately.



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17267
Well Name: MW-1R
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): _____
or (MSL): 5.35

Sampling Date/Time: 04/16/96 12:15:00
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES
Well type: [X] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	6.13 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	22.8 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	200 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	112.90 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	2.1 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/16/96	0.46 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17267
Well Name: MW-1R

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	7.1 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 12:15	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	18 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17267
Well Name: MW-1R

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/22/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	10000 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	1200 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	0.03 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	0.08 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	132 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	13.79 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 6.31

Sampling Date/Time: 04/16/96 12:55:00
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES
Well type: [X] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	5.30 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	4.7 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	30 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	105.63 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	4.7 mg/l	0.5 mg/l
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	3.8 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 12:55	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	04/18/96	<50 ug/l	10 ug/l
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	6.1 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

Citrus County Landfill

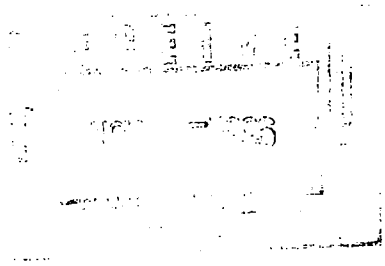
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/22/96	0.15 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/18/96	160 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	<30 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	84 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	0.02 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	1.88 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	32 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	1.04 NTU	0.02 NTU
01087	Vanadium	Grab	N	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B DUP
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): _____
or (MSL): 6.31

Sampling Date/Time: 04/16/96 13:07:00
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/16/96	5.01 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/16/96	23.8 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/16/96	45 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/16/96	105.63 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/16/96	6.5 mg/l	0.5 mg/l
77651	EDB	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

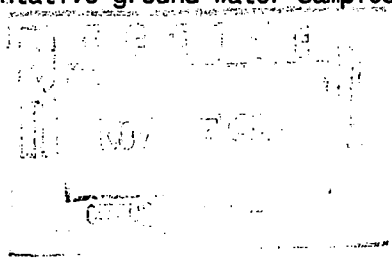
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B DUP

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34413	Methyl bromide	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/18/96	3.5 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 13:07	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	04/18/96	<50 ug/l	10 ug/l
01007	Barium: Filtered	Grab	Y	EPA_6010	04/18/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	04/18/96	6.5 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	04/18/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	04/18/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	04/22/96	<2.0 ug/l	2.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.



Citrus County Landfill

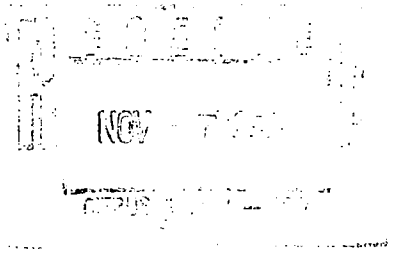
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B DUP

Sampling Date/Time: 04/16/96
Report Period: 1996/1st Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01002	Arsenic: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	04/18/96	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	04/22/96	0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	04/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	04/18/96	260 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	04/18/96	<30 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	04/18/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	04/18/96	190 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	04/24/96	0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/19/96	1.97 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/18/96	70 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	1.75 NTU	0.02 NTU
01087	Vanadium	Grab	N	EPA_6010	04/18/96	<40 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK
Classification of Groundwater: NA

Ground Water Elevation (NGVD): _____
or (MSL): NA

Sampling Date/Time: _____
Report Period: 1996/1st Quarter
Well Purged (Y/N) NA
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77651	EDB	NA	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N	EPA_504_1	04/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N	EPA 8260	04/17/96	<8 ug/l	8 ug/l
78124	Benzene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N	EPA 8260	04/17/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
32106	Chloroform	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N	EPA 8260	04/17/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
34413	Methyl bromide	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

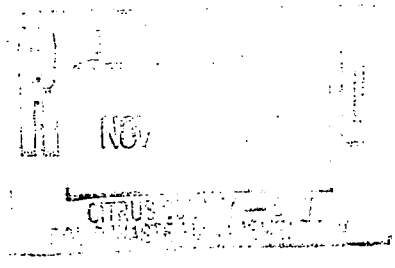
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK

Sampling Date/Time:
Report Period: 1996/1st Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
30217	Methylene bromide	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N	EPA 8260	04/17/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA 8260	04/17/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
78131	Toluene	NA	N	EPA 8260	04/17/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA 8260	04/17/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N	EPA 8260	04/17/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N	EPA 8260	04/17/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N	EPA 8260	04/17/96	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N	EPA 8260	04/17/96	<2 ug/l	2 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County
Attn: Cathy Winter
Work ID: Landfill - 1996 2nd Quarter

Report Number: 96-04-260

Quality Control Data Sheets

Parameter	OLI Sample #	Amt Spike	Sample Result	MS Result	MS %Rec	MSD or Duplicate Result	MSD %Rec	RPD	Analysis Date	Analyst	* QC Limits * Min/Max		RPD
Cobalt	9604260-02	100	<10	100.8	101	104.9	105	4	04/18/96	DM	84	118	10
Vanadium	9604260-02	100	<10	102.9	103	107.4	107	4	04/18/96	DM	85	118	10
Barium	9604260-02	2000	6.4	2047	102	2098	105	2	04/18/96	DM	85	111	11
Cadmium	9604260-02	50	<5.0	51.1	102	53.4	107	4	04/18/96	DM	83	116	10
Chromium	9604260-02	200	1.8	204.9	102	212.6	105	4	04/18/96	DM	83	115	11
Nickel	9604260-02	500	2.0	495.4	99	516.1	103	4	04/18/96	DM	88	117	11
Beryllium	9604260-02	50	<4.0	51.4	103	53.1	106	3	04/18/96	DM	87	115	10
Sodium	9604260-02	10000	6139	16070	99	16410	103	2	04/18/96	DM	75	145	10
Arsenic	9604260-02	500	<5.0	523.4	105	543.6	109	4	04/18/96	DM	86	115	14
Lead	9604260-02	500	<5.0	505.0	101	526.4	105	4	04/18/96	DM	81	119	11
Selenium	9604260-02	500	<5.0	496.0	99	515.1	103	4	04/18/96	DM	86	120	13
Antimony	9604260-02	100	<5.0	99.9	100	104.1	104	4	04/18/96	DM	83	118	11
Thallium	9604309-12	100	<5.0	98.0	98	104.3	104	6	04/22/96	DM	83	112	13
Aluminum	9604260-02	2000	161.3	2254	105	2256	105	<1	04/18/96	DM	64	155	18
Copper	9604260-02	250	1.5	258.3	103	264.3	105	2	04/18/96	DM	87	118	19
Iron	9604260-02	1000	83.7	1074	99	1112	103	3	04/18/96	DM	79	121	13
Manganese	9604260-02	500	15.9	515.5	100	534.4	104	4	04/18/96	DM	85	119	9
Silver	9604260-02	100	<10	105.9	106	109.0	109	3	04/18/96	DM	88	111	10
Zinc	9604260-02	500	84.0	590.4	101	612.4	106	4	04/18/96	DM	81	118	10
Mercury	9604260-02	1.0	0.1518	1.2411	109	1.2512	110	1	04/22/96	JG	67	128	12
Aluminum	9604323-02	2000	7.7	2139	107	2114	105	1	04/22/96	DM	64	155	18
Nitrite	9604258-04	1.0	<0.02	0.97	97	0.98	98	1	04/17/96	GP	61	136	4
Chloride	9604205-02	50	16	66	100	66	100	0	04/18/96	GP	89	115	4
Total Dissolve*	9604263-01		2860		NA	2790	NA	2	04/18/96	SS			14
Nitrate/Nitrite	9604170-04	1.0	<0.02	0.93	93	0.92	92	1	04/19/96	GP	53	127	7
Total Dissolve*	9604303-01		1900		NA	1900	NA	0	04/23/96	GP			14
Ammonia Nitroge	9604260-03	1.0	0.01	0.85	84	0.86	85	1	04/24/96	LC	42	119	11

* Relative Percent Difference (RPD) was calculated from results of sample and sample duplicate.

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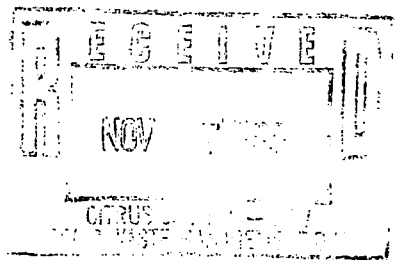


REPORT OF ANALYSIS

Citrus County
Department of Solid Waste
P. O. Box 340
Lecanto, FL 34460-0340
Attn: Cathy Winter

Work Order # : 96-04-283
Date Received: 04/17/96
Report Due by: 05/01/96
OLI Contact: D_STEVENS

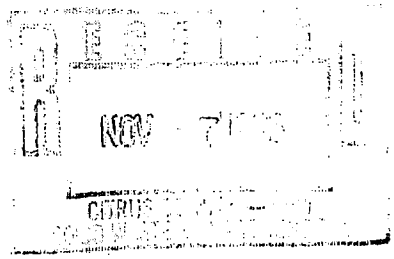
Work ID: Landfill-1996 2nd Quarter
Samples collected by: OLI Field Team
Total Samples: 6

Sample Identification	Description of Analysis	Description of Analysis
01A MW-AA	Field Data for DER Samples	Purgeable Halocarbons
	Purgeable Aromatics	Aluminum: Field Filtered
	Arsenic: Field Filtered	Bicarbonate
	Cadmium: Field Filtered	Chloride
	Color: Field	Chromium: Field Filtered
	Iron: Field Filtered	Mercury: Field Filtered
	Manganese: Field Filtered	Sodium: Filtered
	Nitrogen: Ammonium	Nitrogen: Nitrate
	Lead: Field Filtered	Total Dissolved Solids
	Total Organic Carbon	Field Turbidity
01B MW-AA	Total Coliform Bact. MF	
02A MW-C	Field Data for DER Samples	Purgeable Halocarbons
	Purgeable Aromatics	Aluminum
	Arsenic	Bicarbonate
	Cadmium	Chloride
	Color: Field	Chromium
	Iron	Mercury
	Manganese	Sodium
	Nitrogen: Ammonium	Nitrogen: Nitrate
	Lead	Total Dissolved Solids
	Total Organic Carbon	Field Turbidity
03A MW-D	Field Data for DER Samples	Purgeable Halocarbons
	Purgeable Aromatics	Aluminum: Field Filtered
	Arsenic: Field Filtered	Bicarbonate
	Cadmium: Field Filtered	Chloride
	Color: Field	Chromium: Field Filtered
	Iron: Field Filtered	Mercury: Field Filtered
	Manganese: Field Filtered	Sodium: Filtered
	Nitrogen: Ammonium	Nitrogen: Nitrate

Citrus County
Work ID: Landfill-1996 2nd Quarter

Work Order # : 96-04-283
Continued

Sample Identification	Description of Analysis	Description of Analysis
03A MW-D	Lead: Field Filtered Total Organic Carbon	Total Dissolved Solids Field Turbidity
04A MW-E	Field Data for DER Samples Purgeable Aromatics Arsenic: Field Filtered Cadmium: Field Filtered Color: Field Iron: Field Filtered Manganese: Field Filtered Nitrogen: Ammonium Lead: Field Filtered Total Organic Carbon	Purgeable Halocarbons Aluminum: Field Filtered Bicarbonate Chloride Chromium: Field Filtered Mercury: Field Filtered Sodium: Filtered Nitrogen: Nitrate Total Dissolved Solids Field Turbidity
05A Equip Blank	Field Data for DER Samples Purgeable Aromatics Arsenic: Field Filtered Cadmium: Field Filtered Color: Field Iron: Field Filtered Manganese: Field Filtered Nitrogen: Ammonium Lead: Field Filtered Total Organic Carbon	Purgeable Halocarbons Aluminum: Field Filtered Bicarbonate Chloride Chromium: Field Filtered Mercury: Field Filtered Sodium: Filtered Nitrogen: Nitrate Total Dissolved Solids Field Turbidity
05B Equip Blank	Total Coliform Bact. MF	
06A Method Blank	Field Data for DER Samples Purgeable Aromatics QC for Microbiology	Purgeable Halocarbons QC for Metals QC for Wet Chemistry



Respectfully Submitted,
ORLANDO LABORATORIES, INC.

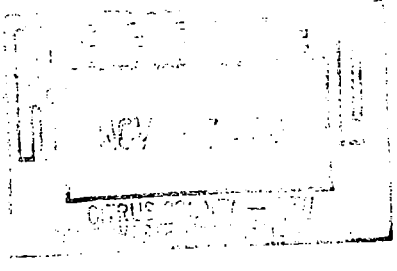
Authorized Laboratory Signature

Orlando Laboratories, Inc.
Work Order 96-04-283

Analytes Whose Results Exceed
Maximum Guidance Contamination Levels

OLI Number	Sample Identification	Test/Analyte Name	Result	MCL	Units
01A	MW-AA	Field Data for DER Samples			
		Field pH	6.26	6.5-8.5	UNITS
		Purgeable Halocarbons			
		Vinyl chloride	2.0	1	UG/L
		Iron: Field Filtered	16000	300	UG/L
		Manganese: Field Filtered	4000	50	UG/L
02A	MW-C	Iron	490	300	UG/L
		Field Turbidity	1.67	1	NTU
03A	MW-D	Manganese: Field Filtered	110	50	UG/L
		Field Turbidity	6.10	1	NTU
04A	MW-E	Purgeable Halocarbons			
		Vinyl chloride	2.0	1	UG/L
		Iron: Field Filtered	13000	300	UG/L
		Manganese: Field Filtered	1200	50	UG/L
		Field Turbidity	36.50	1	NTU

This summary page indicating compound concentrations above the June, 1994 FDEP Ground Water Guideline Concentrations 'MCL' is an enhancement to your standard reports. While Orlando Laboratories, Inc. has made every effort to ensure its validity, we would like to caution you to please verify its contents. If the summary page fails, please notify your Account Representative immediately.



Order #: 96-04-283-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17271
Well Name: MW-AA
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 6.26

Sampling Date/Time: 04/17/96 14:10:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/17/96	6.26 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/17/96	3.0 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/17/96	550 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/17/96	99.85 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/17/96	3.0 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/17/96	0.34 NTU	0.50 NTU
34418	Chloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	04/23/96	2.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

PARAMETER MONITORING REPORT

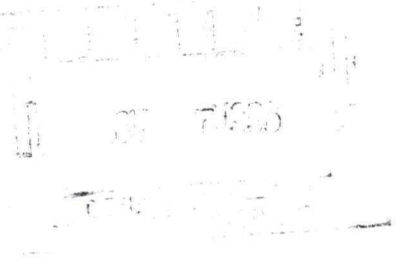
Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A17271
Well Name: MW-AA

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	04/23/96	6.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	Grab	N	EPA_601	04/23/96	3.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	04/23/96	6.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Grab	Y	EPA_6010	04/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Grab	Y	EPA_6010	04/23/96	5.2 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	04/23/96	45 mgHCO3/l	2.4 mgHCO3/l
01025	Cadmium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/22/96	5.1 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 14:10	Clear NA	NA NA
01030	Chromium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Grab	Y	EPA_6010	04/23/96	16000 ug/l	100 ug/l
71890	Mercury: Field Filtered	Grab	Y	EPA_245_1	04/23/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Grab	Y	EPA_6010	04/23/96	4000 ug/l	10 ug/l
00930	Sodium: Filtered	Grab	Y	EPA_6010	04/23/96	6.5 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	04/24/96	0.82 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/26/96	0.33 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	386 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	04/22/96	3.4 mg/l	1.0 mg/l

T. Coli: Setup Date/Time: 04/17/96 17:00:00 Read Date/Time: 04/18/96 16:40:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

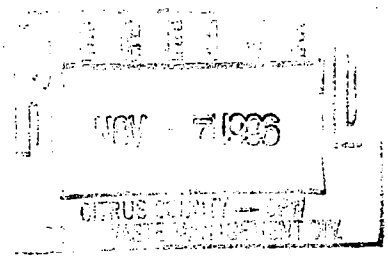
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17271
Well Name: MW-AA

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
31501	Total Coliform	Grab	N	EPA_SM9222B	04/17/96 17:00	160 cfu/100ml	1 cfu/100m

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13196
Well Name: MW-C
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 6.38

Sampling Date/Time: 04/17/96 13:50:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/17/96	7.70 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/17/96	26.0 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/17/96	210 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/17/96	108.80 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/17/96	5.2 mg/l	0.5 mg/l
34418	Chloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: 4009A13196
Well Name: MW-C

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
01105	Aluminum	Grab	N	EPA_6010	04/23/96	<100 ug/l	100 ug/l
01002	Arsenic	Grab	N	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	04/23/96	110 mgHCO3/l	2.4 mgHCO3/l
01027	Cadmium	Grab	N	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/22/96	4.1 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 13:50	Clear NA	NA NA
01034	Chromium	Grab	N	EPA_6010	04/23/96	<10 ug/l	10 ug/l
01045	Iron	Grab	N	EPA_6010	04/23/96	490 ug/l	100 ug/l
71900	Mercury	Grab	N	EPA_245.1	04/23/96	<0.10 ug/l	0.2 ug/l
01055	Manganese	Grab	N	EPA_6010	04/23/96	<30 ug/l	10 ug/l
00929	Sodium	Grab	N	EPA_6010	04/23/96	2.7 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	04/24/96	0.02 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/26/96	0.09 mg/l	0.02 mg/l
01051	Lead	Grab	N	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	126 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	04/22/96	<1.0 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	1.67 NTU	0.02 NTU

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A11578
Well Name: MW-D
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 6.17

Sampling Date/Time: 04/17/96 13:18:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[X] Compliance
[X] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/17/96	7.44 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/17/96	24.8 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/17/96	255 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/17/96	103.60 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/17/96	3.7 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/17/96	2.31 NTU	0.50 NTU
34418	Chloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A11578
Well Name: MW-D

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Grab	Y	EPA_6010	04/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	04/23/96	146 mgHCO3/l	2.4 mgHCO3/l
01025	Cadmium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/22/96	4.5 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 13:18	Clear NA	NA NA
01030	Chromium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Grab	Y	EPA_6010	04/23/96	200 ug/l	100 ug/l
71890	Mercury: Field Filtered	Grab	Y	EPA_245_1	04/23/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Grab	Y	EPA_6010	04/23/96	110 ug/l	10 ug/l
00930	Sodium: Filtered	Grab	Y	EPA_6010	04/23/96	3.1 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	04/24/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/26/96	0.11 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	158 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	04/22/96	<1.0 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	6.10 NTU	0.02 NTU

Well development: pumping the well prior to sampling to obtain representative ground water samples.

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: MW-E
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): NA

Sampling Date/Time: 04/17/96 14:35:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/17/96	6.67 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/17/96	2.4 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/17/96	750 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	04/17/96	103.25 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/17/96	2.4 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	04/17/96	0.47 NTU	0.50 NTU
34418	Chloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	04/23/96	2.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

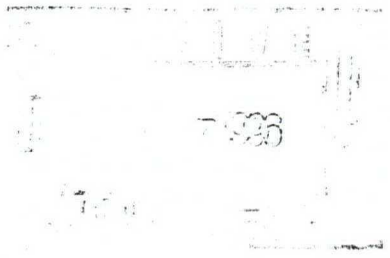
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: MW-E

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	04/23/96	6.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	04/23/96	6.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Grab	Y	EPA_6010	04/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Grab	Y	EPA_6010	04/23/96	18 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	04/23/96	468 mgHCO3/l	2.4 mgHCO3/l
01025	Cadmium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/22/96	25 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 14:35	Grey NA	NA NA
01030	Chromium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Grab	Y	EPA_6010	04/23/96	13000 ug/l	100 ug/l
71890	Mercury: Field Filtered	Grab	Y	EPA_245_1	04/23/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Grab	Y	EPA_6010	04/23/96	1200 ug/l	10 ug/l
00930	Sodium: Filtered	Grab	Y	EPA_6010	04/23/96	3.6 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	04/24/96	0.14 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/26/96	0.37 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	436 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	04/22/96	1.7 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	36.50 NTU	0.02 NTU

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK
Classification of Groundwater: NA

Ground Water Elevation (NGVD): _____
or (MSL): NA

Sampling Date/Time: 04/17/96 12:55:00
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA
Well type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	04/17/96	8.23 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	04/17/96	7.3 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	04/17/96	>5.0 umhos/cm	1.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	04/17/96	7.3 mg/l	0.5 mg/l
34418	Chloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

PARAMETER MONITORING REPORT

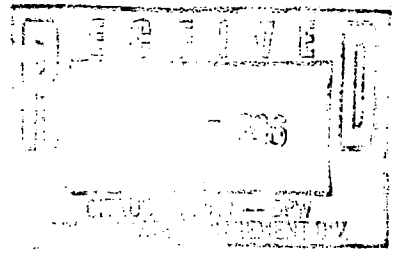
Part III: Analytical Results
Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK

Sampling Date/Time: 04/16/96
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	Grab	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Grab	Y	EPA_6010	04/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	04/23/96	<2.4 mgHCO3/l	2.4 mgHCO3/l
01025	Cadmium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	04/22/96	<1.0 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	04/16/96 12:55	Clear NA	NA NA
01030	Chromium: Field Filtered	Grab	Y	EPA_6010	04/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Grab	Y	EPA_6010	04/23/96	<100 ug/l	100 ug/l
71890	Mercury: Field Filtered	Grab	Y	EPA_245_1	04/23/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Grab	Y	EPA_6010	04/23/96	<30 ug/l	10 ug/l
00930	Sodium: Filtered	Grab	Y	EPA_6010	04/23/96	<1.0 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	04/24/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	04/26/96	<0.02 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Grab	Y	EPA_6010	04/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	04/23/96	<10 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	04/22/96	<1.0 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	04/16/96	0.05 NTU	0.02 NTU
31501	Total Coliform	Grab	N	EPA_SM9222B	04/17/96 17:00	<1 cfu/100ml	1 cfu/100m

T. Coli: Setup Date/Time: 04/17/96 17:00:00 Read Date/Time: 04/18/96 16:40:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK
Classification of Groundwater: NA

Ground Water Elevation (NGVD): ____
or (MSL): NA

Sampling Date/Time: ____
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA
Well type:
[ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34418	Chloromethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	NA	N	EPA_601	04/23/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
	Cis-1,2-dichloroethylene	NA	N	EPA_601	04/23/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.

Citrus County Landfill

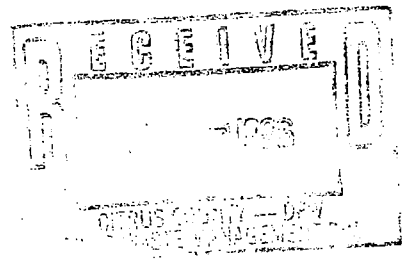
PARAMETER MONITORING REPORT

Part III: Analytical Results
Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK

Sampling Date/Time:
Report Period: 1996/2nd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34301	Chlorobenzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	NA	N	EPA_602	04/23/96	<1.0 ug/l	1.0 ug/l

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Citrus County
Attn: Cathy Winter
Work ID: Landfill-1996 2nd Quarter

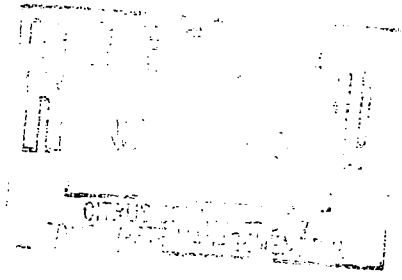
Report Number: 96-04-283

Quality Control Data Sheets

Parameter	OLI Sample #	Amt Spike	Sample Result	MS Result	MS %Rec	MSD or Duplicate Result	MSD %Rec	RPD	Analysis Date	Analyst	* QC Limits * Min/Max	RPD
Aluminum	9604312-05	2000	16260	18620	118	18380	106	1	04/23/96	DM	64 155	18
Arsenic	9604312-05	500	2.9	518.6	103	509.6	101	2	04/23/96	DM	86 115	14
Cadmium	9604312-05	50	<5.0	52.3	105	52.1	104	<1	04/23/96	DM	83 116	10
Chromium	9604312-05	200	6.4	214.8	104	212.9	103	1	04/23/96	DM	83 115	11
Manganese	9604312-05	500	7.3	520.2	103	515.5	102	1	04/23/96	DM	85 119	9
Sodium	9604312-05	10000	5809	15660	99	15550	97	1	04/23/96	DM	75 145	10
Lead	9604312-05	500	5.0	516.7	102	512.1	101	1	04/23/96	DM	81 119	11
Iron	9604312-05	1000	1568	2578	101	2546	98	1	04/23/96	DM	79 121	13
Mercury	9604039-01	1.0	<0.2	1.0643	106	1.0500	105	1	04/23/96	JG	67 128	12
Total Coliform*	9604283-01		<100		NA	<100	NA	0	04/17/96	SP		28
Nitrite	9604283-02	1.0	<0.02	1.00	100	1.00	100	0	04/19/96	GP	61 136	4
Chloride	9604283-01	50	5.1	54	98	54	98	0	04/22/96	LC	89 115	4
Total Organic C	9604283-02	50	<1.0	51	102	51	102	0	04/22/96	GP	89 113	4
Alkalinity	9604245-10	50	3.6	49	91	49	91	0	04/23/96	SS	77 106	7
Total Dissolve*	9604303-01		1900		NA	1900	NA	0	04/23/96	GP		14
Ammonia Nitroge	9604283-03	1.0	<0.01	0.84	84	0.85	85	1	04/24/96	LC	42 119	11
Nitrate/Nitrite	9604381-02	1.0	0.23	1.21	98	1.19	96	2	04/26/96	LC	53 127	7

Parameter	Sample #	Case Narrative for 96-04-283
Total Coliform*	01	Total coliform was confirmed positive.

* Relative Percent Difference (RPD) was calculated from results of sample and sample duplicate.



ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 4-24-1996
EPA METHOD : 601/8010

LAB SAMPLE #: 9604358-01
ANALYSIS DATE: 04/23/96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethane	50	0	51.0	102	54.0	108	6
1,1,1-Trichloroethane	50	0	52.0	104	56.0	112	7
1,1,2,2-Tetrachloroethane	50	0	47.0	94	49.0	98	4

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER LOWER	WATER UPPER	WATER RPD	SOIL LOWER	SOIL UPPER	SOIL RPD
1,1-Dichloroethane	74	141	32	NA	NA	NA
1,1,1-Trichloroethane	75	135	28	NA	NA	NA
1,1,2,2-Tetrachloroethane	54	152	56	NA	NA	NA

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 4-24-1996
EPA METHOD : 602/8020

LAB SAMPLE #: 9604358-01
ANALYSIS DATE: 04/23/96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
toluene	50	0	47.0	94	47.0	94	0
chlorobenzene	100	0	101	101	98.0	98	3
ethylbenzene	50	0	48.0	96	47.0	94	2

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER LOWER	WATER UPPER	WATER RPD	SOIL LOWER	SOIL UPPER	SOIL RPD
toluene	82	111	23	NA	NA	NA
chlorobenzene	75	117	22	NA	NA	NA
ethylbenzene	82	114	23	NA	NA	NA

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: Task 3 PWSID#

Site Location: Citrus County

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW-AA	04-16-96 1410	4 6

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	GW	BAT # 085	SUB

Well Specifications

Diameter	2.0	in.
Water Level	99.85	ft.
Total Depth	106.11	ft.
Column Height	6.26	ft.
Column Volume	1.02	gal.
Min Evac.	≈ 3.06	gal.
Actual	≈ 10.0	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) -CR Gallons

x 0.163 = 1.02

3x = 3.06

5x = 5.10

In Place Plumbing Data

Plumbing Material	SS/TG
Purge Flow Rate	≈ 240 Hz 125 Gal/min
Purge Time	≈ 8.0 min
Sample Flow Rate	≈ 8.0-10.0 ml/min

Well Purged: Dry, or 3x and field tests within 5%, or (5x) A

NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time		N/A			N/A	
Temperature						
Conductivity						
pH						
Begin time	1024	End time 1032				

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	25.7	N/A
Cond (SU)	550	~~240~~
pH	6.26	
D.O.	3.0	

Additional Test Results:

Sampling Information

	Depth	Drums:		Tint	none
Surface Water	N/A	Type	N/A	Color	clear
Soil/Sediments		Contents		Turbidity	0.34
		Layer Sampled		Odor	none
Wastewater:					
Type of Composite	N/A	Drilling/boring method	N/A	TURBIDITY B-4 FILTER	
Begin time		Drilling mud used			
End time					

Sample Appearance

Tint	none
Color	clear
Turbidity	0.34
Odor	none

Environmental Conditions

Air Temp.	≈ 20.0
Wind	NE 5-10
Rain	none
Atmosphere	P.C.
Other	

Additional Information:

FILTERED (Y) or N

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature Dale D. & Jim W.

Field Identification of Containers

Workorder#_____ # of Containers 5 / 6

Field Code	Containers	Presv. Check	Amt. Added
GC - 601/602 GC	2 -A	HCL	N/A
AA - METALS	1-M	HNO3 < 2	✓
WC - NH4-N, NO3-N, TOC	1-O	H2SO4 < 2	✓
WC - BICAR, CL, TDS, NO2-N	1-M	NONE	N/A
MC - ~~FECAL~~ TOTCOL	1-N	NA2S2O3	N/A

Field Codes (Order of Sample Collection):

GC VOC's
MS VOC's (mass spec)
EW Extractable Organics (water)
ES Extractable Organics (soil)
LC Liquid Chromatography
AA Metals
MC Microbiological
WC Wet Chemistry
PS Wet Chemistry (percent solid)
RD Radiochemistry

Containers:

Vials (A) Mason Jars (B)

Glass:
gallon (C)
80 oz. (D)
32 oz. (E)
16 oz. (F)
8oz. (G)
4oz. (H)

Plastic:
gallon (I)
1/2 gallon (J)
80 oz. (K)
32 oz. (L)
16 oz. (M)
8oz. (N)
4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: Task 3 PWSID#

Site Location: Citrus County

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW- C	04-16-96 1350	5

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	GW *	~~BAT~~ GRB	SUB IPP (GW)

Well Specifications

Diameter	2.0 4.0	in.
Water Level	106.80	ft.
Total Depth	121.00	ft.
Column Height	12.20	ft.
Column Volume	7.96	gal.
Min Evac. ≈	23.89	gal.
Actual ≈	80.0	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) 0.653 -CR Gallons

~~x 0.163~~ = 7.96

3x = 23.89

5x = 39.75

In Place Plumbing Data

Plumbing Material	SS / TG
Purge Flow Rate	≈ 10.0 Gal/min
Purge Time	≈ 8.0 min
Sample Flow Rate	≈ 8.0 - 10.0 ml/min

Well Purged: Dry, or 3x and field tests within 5%, or ~~5x~~ (GW)

NGVD. MSL/TOC | (-) WL/TOC | (-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time		N			N	
Temperature		A			A	
Conductivity						
pH						
Begin time	0958	End time	1006			

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	26.0	N/A
Cond.	40	
pH	7.70	
D.O. (mg)	5.2	~~2.6~~

Additional Test Results:

Sampling Information

	Depth	Drums:		Tint	NONE	Air Temp.	≈ 20.0
Surface Water	N	Type	N	Color	CLEAR	Wind	5-10 NW
Soil/Sediments	A	Contents	A	Turbidity	1.07	Rain	NONE
		Layer Sampled		Odor	NONE	Atmosphere	CLEAR
Wastewater:						Other	
Type of Composite	N	Drilling/boring method	N	TURBIDITY B-4 FILTER	N/A		
Begin time	A	Drilling mud used	A				
End time							

Additional Information:

FILTERED

Fuel Power Unit Downline? (Y) or ~~N~~

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature Dale D. & Jim W.

Field Identification of Containers

Workorder#_____ # of Containers 5

Field Code	Containers	Presv. Check	Amt. Added
GC - 601/602 GC	2 - A	HCL	N/A
AA - METALS	1 - M	HNO3 < 2	2
WC - NH4-N, NO3-N, TOC	1 - O	H2SO4 < 2	—
WC - BICARB, CL, TDS, NO2-N	1 - M	NONE	N/A

Field Codes (Order of Sample Collection):

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
AA	Metals
MC	Microbiological
WC	Wet Chemistry
PS	Wet Chemistry (percent solid)
RD	Radiochemistry

Containers:

Vials (A)	Mason Jars (B)
Glass:	Plastic:
gallon (C)	gallon (I)
80 oz. (D)	1/2 gallon (J)
32 oz. (E)	80 oz. (K)
16 oz. (F)	32 oz. (L)
8oz. (G)	16 oz. (M)
4oz. (H)	8oz. (N)
	4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: Task 3 PWSID#

Site Location: Citrus County

Sample ID: MW - D

Sampling Date & Time: 04-16-96 1318

Number of Bottles: 5

Sample Type: GRB

Sample Matrix: GW

Sampling Method: BAT # 358

Well Evacuation Method: SUB

Well Specifications

Diameter	~~2.0~~ 4.0 (in.)
Water Level	103.60 ft.
Total Depth	209.77 ft.
Column Height	106.17 ft.
Column Volume	69.33 gal.
Min Evac. ≈	207.98 gal.
Actual ≈	221.0 gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) 0.653 - CR Gallons

~~x 0.163~~ = 69.33

3x = 207.98

5x = 346.65

In Place Plumbing Data

Plumbing Material	SS / TG
Purge Flow Rate	≈ 370 HZ 3.25 Gal/min
Purge Time	≈ 68.0 min
Sample Flow Rate	≈ 8.0 - 10.0 ml/min

Well Purged: Dry ~~or 3x~~ and field tests within 5%, or 5x (3)

NGVD. MSL/TOC | (-) WL/TOC | (-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time	21 / 1225	14 / 1226	28 / 1227	21 / 1228		
Temperature	24.7	N/A 25.2	24.9	24.8	N/A	
Conductivity	270	270	275	265		
pH	7.38	7.48	7.50	7.57		
Begin time	1120	End time	1228			

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	24.8	N/A
Cond.	255	
pH	7.44	
D.O.	3.7	

Additional Test Results:

Sampling Information

	Depth	Drums:	
Surface Water	N	Type	N
Soil/Sediments	A	Contents	A
		Layer Sampled	
Wastewater:			
Type of Composite	N	Drilling/boring method	N
Begin time	A	Drilling mud used	A
End time			

Sample Appearance

Tint	NONE
Color	CLEAR
Turbidity	2.31
Odor	NONE
TURBIDITY B-4 FILTER	6.10

Environmental Conditions

Air Temp.	≈ 19.0
Wind	E 5-10
Rain	NONE
Atmosphere	CLEAR
Other	

Additional Information:

FILTERED (Y) OR N

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature DALE D. & JIM W.

Field Identification of Containers

Workorder#_____ # of Containers 5

Field Code	Containers	Presv. Check	Amt. Added
GC - 601/602 GC	2 - A	HCL	N/A
AA - METALS	1 - M	HNO3 < 2	✓
WC - NH4-N, NO3-N, TOC	1 - O	H2SO4 < 2	✓
WC - BICAR, CL, TDS, NO2-N	1 - M	NONE	N/A

Field Codes (Order of Sample Collection):

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
AA	Metals
MC	Microbiological
WC	Wet Chemistry
PS	Wet Chemistry (percent solid)
RD	Radiochemistry

Containers:

Vials (A)	Mason Jars (B)
Glass:	Plastic:
gallon (C)	gallon (I)
80 oz. (D)	1/2 gallon (J)
32 oz. (E)	80 oz. (K)
16 oz. (F)	32 oz. (L)
8oz. (G)	16 oz. (M)
4oz. (H)	8oz. (N)
	4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: Task 3 PWSID#

Site Location: Citrus County

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW-E	04-16-96 1435	5

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	GW	BAT # 252	~~SUB~~ HB

Well Specifications

Diameter	2.0	in.
Water Level	103.25	ft.
Total Depth	117.70	ft.
Column Height	14.45	ft.
Column Volume	2.35	gal.
Min Evac.	≈ 7.06	gal.
Actual	≈ 8.0	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) -CR Gallons

x 0.163 = 2.35

3x = 7.06

5x = 11.75

In Place Plumbing Data

Plumbing Material	~~SS/PG~~ TF
Purge Flow Rate	≈ 0.267 Gal/min
Purge Time	≈ 30.0 min
Sample Flow Rate	≈ 8.0 - 10.0 ml/min

Well Purged: Dry, or (3x) and field tests within 5%, or 5x

NGVD. MSL/TOC | (-) WL/TOC | (=) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time	7.5 Gal / 1048	7.75 / 1051	8.00 / 1053			
Temperature	25.2	24.8	25.0			
Conductivity	700	700	710			
pH	6.58	6.58	6.60			
Begin time	1024	End time 1054				

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	26.1	N/A
Cond.	750	
pH	6.67	
D.O.	2.4	

Additional Test Results:

Sampling Information

	Depth	Drums:	
Surface Water	N	Type	N
Soil/Sediments	A	Contents	A
		Layer Sampled	
Wastewater:			
Type of Composite	N	Drilling/boring method	N
Begin time	A	Drilling mud used	A
End time			

Sample Appearance		Environmental Conditions	
Tint	MEDIUM	Air Temp.	≈ 22.0
Color	GREY	Wind	W 0-5
Turbidity	0.47	Rain	NONE
Odor	MEDIUM	Atmosphere	CLEAR
		Other	
TURBIDITY B-4 FILTER	36.5		

Additional Information:

FILTERED

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature DALE D. & JIM W.

Field Identification of Containers

Workorder#_____ # of Containers 5

Field Code	Containers	Presv. Check	Amt. Added
GC - 601/602 GC	2 -A	HCL	N/A
AA - METALS	1 -M	HNO3 < 2	/
WC - NH4-N, NO3-N, TOC	1 - O	H2SO4 < 2	-
WC - BICAR, CL, TDS, NO2-N	1 - M	NONE	N/A

Field Codes (Order of Sample Collection):

GC VOC's
MS VOC's (mass spec)
EW Extractable Organics (water)
ES Extractable Organics (soil)
LC Liquid Chromatography
AA Metals
MC Microbiological
WC Wet Chemistry
PS Wet Chemistry (percent solid)
RD Radiochemistry

Containers:

Vials (A)

Glass:
gallon (C)
80 oz. (D)
32 oz. (E)
16 oz. (F)
8oz. (G)
4oz. (H)

Mason Jars (B)

Plastic:
gallon (I)
1/2 gallon (J)
80 oz. (K)
32 oz. (L)
16 oz. (M)
8oz. (N)
4oz. (O)

Orlando Laboratories, Inc. Field Sheet

Revised: January 25, 1996

Client: Citrus County Dept of Solid Waste

Project Name / Number: Task 3 PWSID#

Site Location: Citrus County

Sample ID:	Sampling Date & Time:	Number of Bottles:
MW- Equip. Blk.	04-16-96 1255	8 & 6

Sample Type:	Sample Matrix:	Sampling Method:	Well Evacuation Method:
GRB	GW	BAT # 356	SUB N/A

Well Specifications

Diameter	2.0	in.
Water Level		ft.
Total Depth	N/A	ft.
Column Height		ft.
Column Volume		gal.
Min Evac.	≈	gal.
Actual	≈	gal.

Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height

Well Casing Composition: PVC

GPF(x) -CR Gallons

x 0.163 =

3x =

5x = N/A

In Place Plumbing Data

Plumbing Material	SS / TG
Purge Flow Rate	≈ Gal/min
Purge Time	≈ N/A min
Sample Flow Rate	≈ 8.0 - 10.0 ml/min

Well Purged: Dry, or 3x and field tests within 5%, or 5x

NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/ MSL.NGVD

Well Purging Data

Gallons/Time		N				
Temperature		A			N	
Conductivity					A	
pH						
Begin time		End time				

Purging Comments:

Field Parameters

Tests	1st	2nd
Temp.	21.5	
Cond. >5.0	~~0.050~~	N/A
pH	8.23	
D.O.	7.3	

Additional Test Results:

Sampling Information

	Depth	Drums:		Tint		Air Temp.	≈19.0
Surface Water	N	Type	N	Color	None	Wind	E 5-10
Soil/Sediments	A	Contents	A	Turbidity	Clear	Rain	None
		Laver Sampled		Odor	0.05 None	Atmosphere	Clear
Wastewater:						Other	
Type of Composite	N	Drilling/boring method	N	TURBIDITY B-4 FILTER	0.04		
Begin time	A	Drilling mud used	A			NOV	
End time							

Additional Information:

FILTERED (Y) OR N

Fuel Power Unit Downline? (Y) or N

Field Decon Performed? (Y) or N

Decon Waste Contained? Y or (N)

Purge Waste Contained? Y or (N)

Sampler's Signature: Dale D. & Jim W.

Field Identification of Containers

Workorder#_____ # of Containers 5 6

Field Code	Containers	Presv. Check	Amt. Added
GC - 601/602 GC	2 - A	HCL	N/A
AA - METALS	1 - M	HNO3 < 2	✓
WC - NH4-N, NO3-N, TOC	1 - O	H2SO4 < 2	✓
WC - BICARB, CL, TDS, NO2-N	1 - M	NONE	N/A
MC - ~~ECLCO~~ TOTCOL	1 - N	NA2S2O3	N/A

Field Codes (Order of Sample Collection):

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
AA	Metals
MC	Microbiological
WC	Wet Chemistry
PS	Wet Chemistry (percent solid)
RD	Radiochemistry

Containers:

Vials (A)	Mason Jars (B)
Glass:	Plastic:
gallon (C)	gallon (I)
80 oz. (D)	1/2 gallon (J)
32 oz. (E)	80 oz. (K)
16 oz. (F)	32 oz. (L)
8oz. (G)	16 oz. (M)
4oz. (H)	8oz. (N)
	4oz. (O)