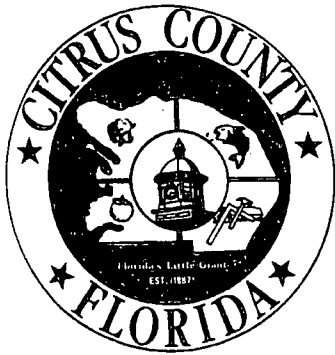


GW file



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

SUSAN J. METCALFE
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, P.G.
Director, Division of Solid Waste Management

SJM:CJW:cjw

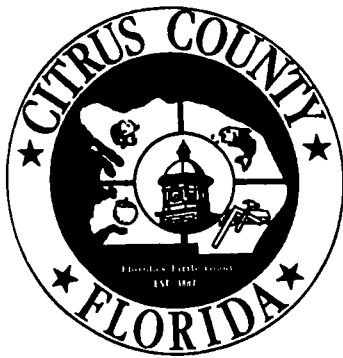
Administrative Office
Post Office Box 167
Lecanto, Florida 34460
(352) 746-4107
Fax 746-1203

Facilities Maintenance
Post Office Box 143
Lecanto, Florida 34460
(352) 527-0333
Fax 527-0654

Fleet Management
Post Office Box 215
Lecanto, Florida 34460
(352) 746-6888
Fax 746-1203

Road Maintenance
Post Office Box 167
Lecanto, Florida 34460
(352) 746-4107
Fax 746-1203

Solid Waste Management
Post Office Box 340
Lecanto, Florida 34460
(352) 746-5000
Fax 527-1204



Board of County Commissioners

Department of Public Works

November 15, 1996

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

REPLY TO:

Solid Waste Management
P.O. Box 340
Lecanto, FL 34460

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 in 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.

Administrative Office
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Solid Waste Management
Post Office Box 340
Lecanto, Florida 34460
(352) 746-5000
Fax 527-1204

O R L A N D O L A B S

Miami • Orlando • Atlanta • Raleigh

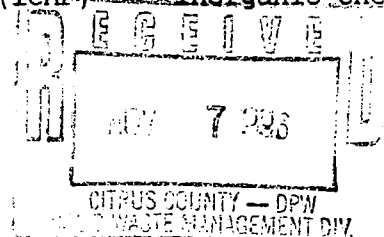
REPORT OF ANALYSIS

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

Work Order # : 95-07-175
Date Received: 07/13/95
Report Due by: 07/28/95
OLI Contact: J_BEATO

Work ID: Citrus County Landfill
Samples collected by: OLI Field Team
Total Samples: 7

<u>Sample Identification</u>	<u>Description of Analysis</u>	<u>Description of Analysis</u>
01A MW-1R	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-2	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 MW-3	Field Data for DER Samples GC/MS Vol Organics:Appx I Cobalt: Filtered Inorganic Chemical (ICAP)	EDB/DBCP in Water Chloride Color: Field Inorganic Chemical (ICAP)



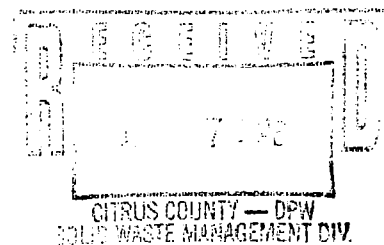
Citrus County
Work ID: Citrus County Landfill

Work Order # : 95-07-175
C o n t i n u e d

<u>Sample Identification</u>	<u>Description of Analysis</u>	<u>Description of Analysis</u>
04A MW-3	Inorganic Chemical (Hg) Nitrogen: Ammonia Total Dissolved Solids Vanadium: Filtered	Secondary Chemical (ICAP) Nitrogen: Nitrate Field Turbidity
05A EQIP BLK	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
07A 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

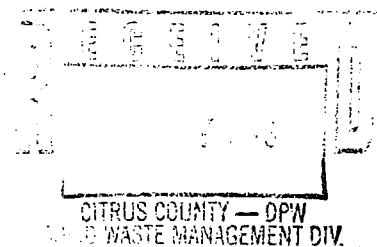


Orlando Laboratories, Inc.
Work Order 95-07-175

Analytes Whose Results Exceed
Maximum Guidance Contamination Levels

<u>OLI Number</u>	<u>Sample Identification</u>	<u>Test/Analyte Name</u>	<u>Result</u>	<u>MCL</u>	<u>Units</u>
01A	MW-1R	Field Data for DER Samples			
		Field pH	6.29	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Iron: Filtered	1400	300	UG/L
		Manganese: Filtered	770	50	UG/L
		Field Turbidity	17.5	1	NTU
02A	MW-B	Field Data for DER Samples			
		Field pH	4.92	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Aluminum	350	200	UG/L
		Field Turbidity	1.40	1	NTU
03A	MW-2	Field Data for DER Samples			
		Field pH	6.06	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Iron: Filtered	320	300	UG/L
		Field Turbidity	46.3	1	NTU
04A	MW-3	Field Data for DER Samples			
		Field pH	6.33	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Iron: Filtered	2800	300	UG/L
		Manganese: Filtered	100	50	UG/L
		Field Turbidity	22.5	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 #: 95-07-175-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 2

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): 5.67

Sampling Date/Time: 07/13/95 16:10:00
Report Period: 1995/3rd 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	07/13/95	6.29 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/13/95	26.3 °C	NA °C
00094	Conductivity	Grab	N	EPA_120_1	07/13/95	200 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape Measu	07/13/95	112.58 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/13/95	2.5 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/13/95	0.45 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/21/95	160 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/21/95	<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 Landfill

PARAMETER MONITORING REPORT

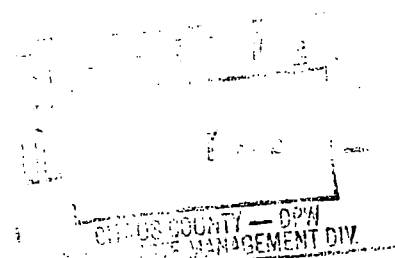
Part III: Analytical Results

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

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd 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	07/21/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/17/95	5.9 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/17/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	07/13/95 16:10	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/15/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/15/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/15/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/15/95	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/15/95	36 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/15/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/17/95	<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



Order #: 95-07-175-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 4

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y EPA_7841	07/25/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y EPA_7470	07/28/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y EPA_6010	07/17/95	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y EPA_6010	07/17/95	16 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y EPA_6010	07/17/95	1400 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y EPA_6010	07/17/95	770 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y EPA_6010	07/17/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y EPA_6010	07/17/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	0.05 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	218 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/13/95 16:10	17.5 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y EPA_6010	07/17/95	<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



Order #: 95-07-175-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 5

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): 5.62

Sampling Date/Time: 07/13/95 14:55:00
Report Period: 1995/3rd 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	07/13/95	4.92 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/13/95	28.9 °C	NA °C
00094	Conductivity	Grab	N	EPA_120_1	07/13/95	49 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape Measu	07/13/95	106.32 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/13/95	7.61 mg/l	0.5 mg/l
77651	EDB	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	07/21/95	<10 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

Order #: 95-07-175-02
Client: Citrus County

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PARAMETER MONITORING REPORT

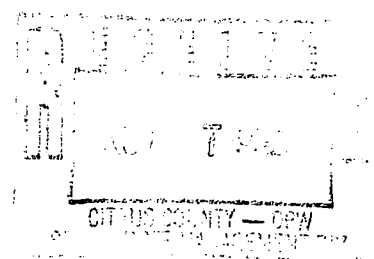
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34413	Methyl bromide	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/17/95	<1.0 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	07/13/95 14:55	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	07/17/95	<50 ug/l	10 ug/l
01007	Barium	Grab	N	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01027	Cadmium	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01034	Chromium	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01067	Nickel	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
00929	Sodium	Grab	N	EPA_6010	07/17/95	6.2 mg/l	1.0 mg/l
01012	Beryllium	Grab	N	EPA_6010	07/17/95	<4.0 ug/l	4.0 ug/l
01051	Lead	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01097	Antimony	Grab	N	EPA_6010	07/17/95	<6.0 ug/l	6.0 ug/l
01059	Thallium	Grab	N	EPA_7841	07/25/95	<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



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Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13195
Well Name: MW-B

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01002	Arsenic	Grab	N EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01147	Selenium	Grab	N EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N EPA_7470	07/28/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum	Grab	N EPA_6010	07/17/95	350 ug/l	100 ug/l
01042	Copper	Grab	N EPA_6010	07/17/95	<10 ug/l	10 ug/l
01045	Iron	Grab	N EPA_6010	07/17/95	160 ug/l	100 ug/l
01055	Manganese	Grab	N EPA_6010	07/17/95	<30 ug/l	30 ug/l
01077	Silver	Grab	N EPA_6010	07/17/95	<10 ug/l	10 ug/l
01092	Zinc	Grab	N EPA_6010	07/17/95	89 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	2.12 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	48 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/13/95 14:55	1.40 NTU	0.50 NTU
01087	Vanadium	Grab	N EPA_6010	07/17/95	<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



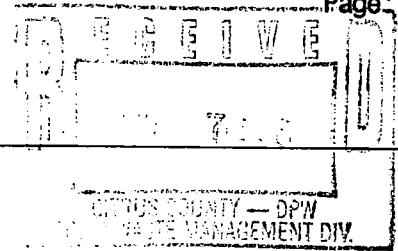
Order #: 95-07-175-03
Client: Citrus County

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PARAMETER MONITORING REPORT



Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15909
Well Name: MW-2
Classification of Groundwater: G-II

Sampling Date/Time: 07/13/95 10:15:00
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES
Well type: ☒ Background
☐ Intermediate
☐ Compliance
☐ Other

Ground Water Elevation (NGVD): _____
or (MSL): 7.79

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	07/13/95	6.06 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/13/95	24.1 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/13/95	20 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	07/13/95	128.5 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/13/95	12.2 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/13/95	4.80 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/21/95	150 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/21/95	3 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/21/95	<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 Landfill

PARAMETER MONITORING REPORT

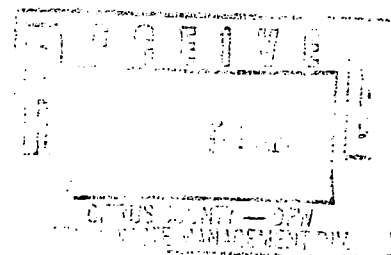
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15909
Well Name: MW-2

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd 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	07/21/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/17/95	<1.0 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/17/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	07/13/95 10:15	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/17/95	2.5 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/17/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/17/95	<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



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Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15909
Well Name: MW-2

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y EPA_7841	07/25/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y EPA_7470	07/28/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y EPA_6010	07/17/95	130 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y EPA_6010	07/17/95	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y EPA_6010	07/17/95	320 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y EPA_6010	07/17/95	30 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y EPA_6010	07/17/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y EPA_6010	07/17/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	0.08 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	32 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/13/95 10:15	46.3 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y EPA_6010	07/17/95	<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



Order #: 95-07-175-04
Client: Citrus County

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PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15910
Well Name: MW-3
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 7.25

Sampling Date/Time: 07/13/95 15:20:00
Report Period: 1995/3rd 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	07/13/95	6.33 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/13/95	25.4 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/13/95	40 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape Measu	07/13/95	113.22 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/13/95	4.4 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/13/95	0.16 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/21/95	540 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/21/95	<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

Order #: 95-07-175-04
Client: Citrus County

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PARAMETER MONITORING REPORT

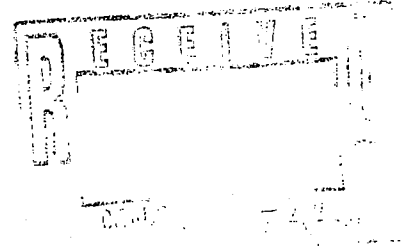
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15910
Well Name: MW-3

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd 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	07/21/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	0 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/17/95	<1.0 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/17/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	07/13/95 15:20	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/17/95	4.3 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/17/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/17/95	<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



Order #: 95-07-175-04
Client: Citrus County

Orlando Laboratories, Inc.
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PARAMETER MONITORING REPORT

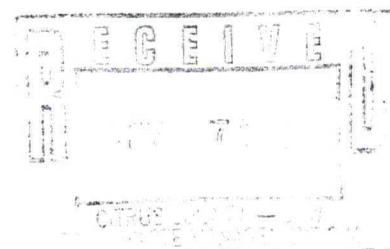
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A15910
Well Name: MW-3

Sampling Date/Time: 07/13/95
Report Period: 1995/3rd 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	07/25/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	07/28/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	07/17/95	2800 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	07/17/95	100 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	07/17/95	60 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	07/18/95	0.04 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/21/95	0.06 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/17/95	40 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/13/95 15:20	22.5 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	07/17/95	<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



Order #: 95-07-175-05
Client: Citrus County

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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: 07/13/95 09:50:00
Report Period: 1995/3rd 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	07/13/95	7.64 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/13/95	28.0 °C	NA °C
00094	Conductivity	Grab	N	EPA_120_1	07/13/95	<5.0 umhos/cm	5.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/13/95	12.1 mg/l	0.5 mg/l
77651	EDB	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/21/95	<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 Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #:

Test Site ID #:

Well Name:

NA

EQUIPMENT BLANK

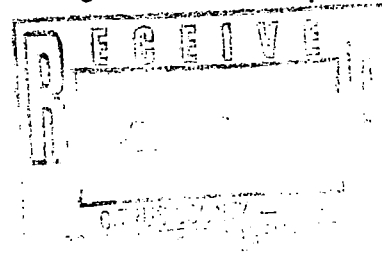
Sampling Date/Time: 07/13/95

Report Period: 1995/3rd Quarter

Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34418	Methyl chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA 325_2	07/17/95	<1.0 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	07/13/95 09:50	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	07/17/95	<50 ug/l	10 ug/l
01007	Barium	Grab	N	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01027	Cadmium	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01034	Chromium	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01067	Nickel	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
00929	Sodium	Grab	N	EPA_6010	07/17/95	<1.0 mg/l	1.0 mg/l
01012	Beryllium	Grab	N	EPA_6010	07/17/95	<4.0 ug/l	4.0 ug/l
01051	Lead	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
01097	Antimony	Grab	N	EPA_6010	07/17/95	<6.0 ug/l	6.0 ug/l
01059	Thallium	Grab	N	EPA_7841	07/25/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 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



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Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

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Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #:

Test Site ID #:

Well Name:

NA

EQUIPMENT BLANK

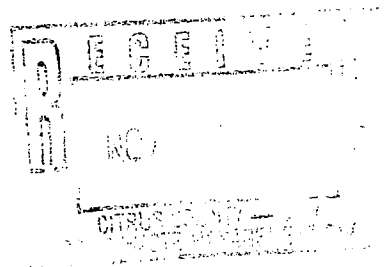
Sampling Date/Time: 07/13/95

Report Period: 1995/3rd 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
01147	Selenium	Grab	N	EPA_6010	07/17/95	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N	EPA_7470	07/28/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum	Grab	N	EPA_6010	07/25/95	<100 ug/l	100 ug/l
01042	Copper	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01045	Iron	Grab	N	EPA_6010	07/17/95	<100 ug/l	100 ug/l
01055	Manganese	Grab	N	EPA_6010	07/17/95	<30 ug/l	30 ug/l
01077	Silver	Grab	N	EPA_6010	07/17/95	<10 ug/l	10 ug/l
01092	Zinc	Grab	N	EPA_6010	07/17/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/21/95	<0.02 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/17/95	<10 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/13/95 09:50	0.27 NTU	0.50 NTU
01087	Vanadium	Grab	N	EPA_6010	07/17/95	<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



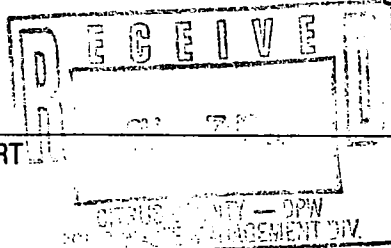
Order #: 95-07-175-07
Client: Citrus County

Orlando Laboratories, Inc.
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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

Sampling Date/Time:
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA
Well type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other

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

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	07/17/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N	EPA_504	07/17/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N	EPA 8260	07/21/95	<8 ug/l	8 ug/l
78124	Benzene	NA	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N	EPA 8260	07/21/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N	EPA 8260	07/21/95	<5 ug/l	5 ug/l
32106	Chloroform	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N	EPA 8260	07/21/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	NA	N	EPA 8260	07/21/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA 8260	07/21/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
34413	Methyl bromide	NA	N	EPA 8260	07/21/95	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N	EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N	EPA 8260	07/21/95	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N	EPA 8260	07/21/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N	EPA 8260	07/21/95	<10 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

Order #: 95-07-175-07
Client: Citrus County

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PARAMETER MONITORING REPORT

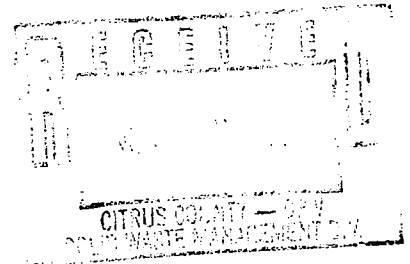
Part III: Analytical Results

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

Sampling Date/Time: _____
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
30217	Methylene bromide	NA	N EPA 8260	07/21/95	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N EPA 8260	07/21/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N EPA 8260	07/21/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N EPA 8260	07/21/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N EPA 8260	07/21/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N EPA 8260	07/21/95	<3 ug/l	3 ug/l
78131	Toluene	NA	N EPA 8260	07/21/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N EPA 8260	07/21/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N EPA 8260	07/21/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N EPA 8260	07/21/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N EPA 8260	07/21/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N EPA 8260	07/21/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N EPA 8260	07/21/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N EPA 8260	07/21/95	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N EPA 8260	07/21/95	<2 ug/l	2 ug/l

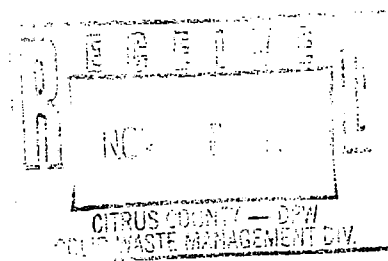
Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



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 *		
Aluminum	9507175-03	2000	130.5	2242	106	2226	105	1	07/17/95	DM	64	155	18
Copper	9507175-03	250	2.6	251.3	100	253.9	101	1	07/17/95	DM	87	118	19
Iron	9507175-03	1000	322.0	1178	86	1181	86	<1	07/17/95	DM	79	121	13
Manganese	9507175-03	500	30.2	541.8	102	541.4	102	<1	07/17/95	DM	85	119	9
Silver	9507175-03	500	<10	497.9	100	498.0	100	<1	07/17/95	DM	88	111	10
Zinc	9507175-03	500	26.3	540.0	103	546.7	104	1	07/17/95	DM	81	118	10
Barium	9507175-03	2000	2.7	2005	100	2014	101	<1	07/17/95	DM	85	111	11
Cadmium	9507175-03	50	<5.0	51.5	103	52.4	105	2	07/17/95	DM	83	116	10
Chromium	9507175-03	200	<10	210.9	105	210.8	105	<1	07/17/95	DM	83	115	11
Nickel	9507175-03	500	3.0	521.5	104	524.9	104	1	07/17/95	DM	88	117	11
Sodium	9507175-03	10000	2548	12020	95	11850	93	1	07/17/95	DM	75	145	10
Beryllium	9507175-03	50	<4.0	53.3	107	53.7	107	1	07/17/95	DM	87	115	10
Lead	9507175-03	500	1.2	534.3	107	536.3	107	<1	07/17/95	DM	81	119	11
Antimony	9507175-03	100	<5.0	101.9	102	103.2	103	1	07/17/95	DM	83	118	11
Thallium	9507175-03	100	<5.0	106.0	106	95.4	95	11	07/17/95	DM	83	112	13
Arsenic	9507175-03	500	<5.0	506.4	101	511.0	102	1	07/17/95	DM	86	115	14
Selenium	9507175-03	500	<5.0	468.5	94	470.1	94	<1	07/17/95	DM	86	120	13
Cobalt	9507175-03	100	<10	95.3	95	95.8	96	1	07/17/95	DM	84	118	10
Vanadium	9507175-03	100	<10	103.8	104	103.1	103	1	07/17/95	DM	85	118	10
Aluminum	9507281-14	2000	4260	6321	103	6246	99	1	07/25/95	DM	64	155	18
Mercury	9507201-03	1.0	<0.2	1.0410	104	1.0410	104	0	07/28/95	DAH	67	128	12
Nitrite	9507175-01	1.0	<0.02	1.09	109	1.06	106	3	07/14/95	BES	61	136	4
Total Dissolve	9507175-03	0	32		NA	30	NA	6	07/17/95	SS			14
Chloride	9507116-02	50	8.1	62.3	108	62.5	109	<1	07/17/95	BES	89	115	4
Nitrate/Nitrite	9507145-04	1.0	0.29	1.26	97	1.27	98	1	07/21/95	BES	53	127	7
Ammonia Nitrogen	9507141-01	1.0	0.90	1.70	80	1.70	80	0	07/18/95	BES	42	119	11

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



GC ORGANICS

MATRIX : Water
REPORT DATE: 7-17-1995
EPA METHOD : 504

LAB SAMPLE #: 9507193-01
ANALYSIS DATE: 07-17-95

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
Ethylene Dibromide	30	0	29.7	99	29.7	99	0
Dibromochloropropane	30	0	35.1	117	35.6	119	1

COMPOUND	WATER			SOIL		
	LOWER	UPPER	RPD	LOWER	UPPER	RPD
Ethylene Dibromide	69	122	10	NA	NA	NA
Dibromochloropropane	75	124	14	NA	NA	NA

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 7-24-1995
EPA METHOD : 624/8260

LAB SAMPLE #: 95-07-282-1
ANALYSIS DATE: 7/21/95

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethene	50	0	57.0	114	55.0	110	4
Trichloroethene	50	0	52.0	104	51.0	102	2
Benzene	50	0	56.0	112	55.0	110	2
Toluene	50	0	53.0	106	53.0	106	0
Chlorobenzene	50	0	53.0	106	51.0	102	4

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER			SOIL		
	LOWER	UPPER	RPD	LOWER	UPPER	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

NO
CITRUS COUNTY
DEPARTMENT OF HEALTH
7/21/95



CHAIN-OF-CUSTODY RECORD

(INSTRUCTIONS ON BACK)

Page 1 of 1

904-746-5002

1 VOICE TO (Company and Individual)		ADDRESS (City, State, Zip)		2 CONTACT PERSON/PHONE # INVOICE		3 RB NUMBER		4 OLI WORK ORDER #	
OF SOLID WASTE P.O. Box 340 Lecanto, FL 34460-0340		ADDRESS (City, State, Zip)		CONTACT PERSON/PHONE # REPORT		RB NUMBER		OLI WORK ORDER #	
NAME AS ABOVE		ADDRESS (City, State, Zip)		CONTACT PERSON/PHONE # REPORT		RB NUMBER		OLI WORK ORDER #	
OPTIONAL ADDITIONAL REPORTS SENT TO:		ADDRESS (City, State, Zip)		CONTACT PERSON/PHONE # REPORT		RB NUMBER		OLI WORK ORDER #	
CLIENT PROJECT NAME		CLIENT PROJECT #		CONTACT PERSON/PHONE # REPORT		RB NUMBER		OLI WORK ORDER #	
SAMPLE IDENTIFICATION		DATE/TIME		COMP		GRAB		WATER	
SAMPLE DESCRIPTION		DATE/TIME		COMP		GRAB		WATER	
MW-R-1		7/13/95 1610		X		X		X	
MW-B		7/13/95 1455		X		X		X	
MW-2		7/13/95 1015		X		X		X	
MW-3		7/13/95 1520		X		X		X	
Equip BIK.		7/13/95 0950		X		X		X	
Top BIK.		7/13/95		X		X		X	
TRANSFER NUMBER		RELINQUISHED BY		DATE/TIME		ACCEPTED BY		ADDITIONAL REMARKS	
1st		[Signature]		7-13-95 1155		[Signature]		OLI Field Team	
2nd		[Signature]		7-13-95 1835		[Signature]		OLI Field Team	
3rd		[Signature]		7-14-95 800		[Signature]		OLI Field Team	
COOLER #1'S		COOLER #2'S		COOLER #3'S		COOLER #4'S		COOLER #5'S	
L0656		L0656		L0656		L0656		L0656	

Oriando Laboratories, Inc. Field Sheet

Revised: December 29,

Client: CITRUS County Department of Solid Waste

Project Name / Number: CITRUS County Central LF

PWSID#

Site Location: Hwy 94 Lecanto FL

Sample ID:

MW-R1

Sampling 7/13/95

Date & Time: 1610

Number of

Bottles: 6

Sample Type:

GRB

Sample Matrix:

G.W.

Sampling Method:

BAT

Well Evacuation

Method: SUB

Well Specifications

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

Diameter	2.0	in.
Water Level	112.58	ft.
Total Depth	129.65	ft.
Column Height	17.07	ft.
Column Volume	2.78	gal.
Min Evac.	N/A	gal.
Actual	2	gal.
	2.1	gal.

Well Casing Composition: PVC

In Place Plumbing Data

GPF(x) -CR Gallons
 $X 0.103 = 2.78$
 $3X = 8.35$
 $5X = 13.91$

Plumbing Material	SS/FF
Purge Flow Rate	~ 0.4 2381 Gal/hr
Purge Time	~ 5.0
Sample Flow Rate	6.0 - 8.0 ml/hr

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

NGVD.
MSL/TOC

(-) WL/TOC

(-) WATER LEVEL/
MSL/NGVD

Well Purging Data

Field Parameters

Gal	Time				
Per	ure				
Conductivity					
pH					
Begin time	12:34	End time	12:44		

Tests	1st	2nd
Temp.	26.3	
Cond.	200	
pH	6.29	
D.O.	2.5	

Purging Comments: DRY 12:30 2.0 Gals / 4 min DRY 2 min / 10 Gal

Additional Test Results:

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drums:	Tint	Light	Air Temp.	36.9
Surface Water	Type	Color	White	Wind	W 10-15
Oil/Sediments	Contents	Turbidity	17.5	Rain	NONE
	Layer Sampled	Odor	NONE	Atmosphere	OC.
Wastewater:				Other	
Type of Composite	Drilling/boring method				
Begin time	Drilling mud used				
End time					

* TURB. AFTER FILTERED = 0.45

Additional Information:

Down WMP of Heavy Construction Equipment.

SAND/AST IN AIR (50)

Fuel Power Unit Downline? ☒ or N

Field Decon Performed? ☒ or N

Waste Contained? Y or ☒

Operator's Signature

Jim W. - Dale D.

(Signature)

9507175
1

of Containers

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Containers

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

Oriando Laboratories, Inc. Field Sheet

Revised: December 29,

Client: CITRUS County DEPARTMENT OF SOLID WASTE

Project Name / Number: CITRUS County CENTRAL LF

PWSID#

Site Location: Hwy 94 Lecanto FL

Sample ID:

MW-B

Sampling 7/13/95
Date & Time: 1455

Number of
Bottles: 69

Sample Type:
GRB

Sample Matrix:
G.W.

Sampling Method:
BAT

Well Evacuation
Method: TPP

Well Specifications

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

Diameter	in.	Well Casing Composition:	In Place Plumbing Data
4		PC	
Water Level	106.32 ft.	GPF(x) = GR Gallons	Plumbing Material SS/PC
Total Depth	143.1 ft.	$36.78 \times 0.041 = 1.51$	Purge Flow Rate ≈ 5.0 Gal/min
Column Height	36.78 ft.	$3 \times = 72.05$	Purge Time ≈ 3.0 min
Column Volume	24.02 gal.	$5 \times = 120.1$	Sample Flow Rate 6.0 - 8.0 ml/min
Min Evac.	N.A. gal.	Well Purged Dry, or 3x and field tests within 5%, or 6x	
Actual ≈ 16.0 gal.		NGVD. MSL/TOC	(-) WATER LEVEL/MSL/NGVD

Well Purging Data

Field Parameters

Sal	Time	Per	ure	Conductivity	pH	Begin time	End time	Tests	1st	2nd
								Temp.	28.9	
								Cond.	49	
								pH	4.92	
								D.O.	7.6	
Purging Comments: Dry #1 1125 = 6 Gal Dry #2 1133 = 10 Gal								Additional Test Results:		

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drums	Tint	Air Temp.
Surface Water	Type	NONE	37.8
Soil/Sediments	Contents	CLEAR	Wind 0-5S
	Layer Sampled	1.40	Rain NONE
Wastewater:		Odor NONE	Atmosphere PC
Type of Composite	Drilling/boring method		Other
Begin time	Drilling mud used		
End time			

Additional Information:

WELL LOST COLUMN DURING
Sampling - WAITED 4 MIN
STARTED AGAIN

Fuel Power Unit Downline? ☒ or N

Field Decon Performed? ☒ or N

Waste Container? Y or ☒

Operator's Signature

Jim W. - DATE D.

9507175
2

2

✕ 7

EW

Containers

GC	VOC's
MS	VOC's (mass spec)
EW	Extractable Organics (water)
ES	Extractable Organics (soil)
LC	Liquid Chromatography
MA	Total Metals
MC	Microbiological
WC	Wet Chemistry
WS	Wet Chemistry (percent solid)

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

Orlando Laboratories, Inc. Field Sheet

Revised: December:

Client: CITRUS County Department of Solid Waste

Project Name / Number: CITRUS County Central LF

PWSID#

Site Location: Hwy 94 Lecanto FL

Sample ID:

MW-2

Sampling 7/13/95

Date & Time: 1015

Number of
Bottles: 6Sample Type:
GRBSample Matrix:
G.W.Sampling Method:
BATWell Evacuation
Method: SUB

Well Specifications

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

Diameter	2.0	in.	Well Casing Composition:	PLC	In Place Plumbing Data
Water Level	128.5	ft.	GPF(x)	CR Gallons	Plumbing Material
Total Depth	162.75	ft.	$\times 0.103 = 5.58$		Purge Flow Rate
Column Height	34.25	ft.	$3x = 16.75$		Purge Time
Column Volume	5.58	gal.	$5x = 27.91$		Sample Flow Rate
Min Evac.	16.75	gal.	Well Purges: Dry, or 3x and field tests within 5%, or 5x		
Actual	2	30.0	gal.	NGVD. MSL/TOC	(-) WL/TOC
					(-) WATER LEVEL/ MSL/NGVD

Well Purging Data

Field Parameters

Gal	Time	Tests	1st	2nd
Purge		Temp.	24.1	
Conductivity		Cond.	20	
pH		pH	6.06	
Begin time	9:36	D.O.	12.2	
End time	09:51			
Purging Comments:		Additional Test Results:		

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drum	Tint	Light	Air Temp.	29.8
Surface Water	Type	Color	WHITE	Wind	6-15
Soil/Sediments	Contents	Turbidity	46.3	Rain	NONE
Wastewater:	Layer Sampled	Odor	NONE	Atmosphere	O.C.
Type of Composite	Drilling/boring method			Other	
Begin time	Drilling mud used				
End time					

Additional Information:

Fuel Power Unit Downline? ☒ or NField Decon Performed? ☒ or NWaste Contained? Y or ☒

Operator's Signature

Jim W. - Dale D.

Jim W. - Dale D.

Field Identification of Containers

Work

9507175

3

of Containers

57

[illegible]

Field Codes (order of sampling)

Containers

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

Vials	(A)	Mason Jars
Glass:		Plastic:
gallon	(B)	gallon (C)
80 oz.	(C)	1/2 gallon (D)
32 oz.	(D)	32 oz. (E)
16 oz.	(E)	16 oz. (F)
4 oz.	(F)	8 oz. (G)
		4 oz. (H)

Oriando Laboratories, Inc. Field Sheet

Revised: December 29,

Client: CITRUS County Department of Solid Waste

Project Name / Number: CITRUS County Central LF

PWSID#

Site Location: Hwy 44 Lecanto FL

Sample ID: MW-3

Sampling 7/13/95
Date & Time: 1520

Number of Bottles: 6

Sample Type: GRB

Sample Matrix: G.W.

Sampling Method: BAT

Well Evacuation Method: SUB

Well Specifications

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

Diameter	2.0	in.
Water Level	113.22	ft.
Total Depth	122.20	ft.
Column Height	8.98	ft.
Column Volume	1.46	gal.
Min Evac.	N.A.	gal.
Actual	2	gal.

Well Casing Composition:

In Place Plumbing Data

GPF(x) = GR Gallons
 $8.98 \times 0.163 = 1.46$
 $3X = 4.39$
 $5X = 7.3$

Plumbing Material	TF/SS
Purge Flow Rate	$\approx 260V-300V$ 0.62 Gal/hr
Purge Time	≈ 2.0 hr
Sample Flow Rate	6.0-8.0 ml/hr

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

NGVD.
MSL/TOC

(-) WL/TOC

(-) WATER LEVEL/
MSL/NGVD

Well Purging Data

Field Parameters

Gal	Time				
Per	ure				
Conductivity					
pH					
Begin time	1153	End time	1210		
Purging Comments:	Dry #1 1min/0.75 GAL Dry #2 1min/0.5 GAL				

Tests	1st	2nd
Temp.	25.4	
Cond.	40	
pH	6.33	
D.O.	4.4	

Additional Test Results:

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drum	Tint	Light	Air Temp.	36.5
Surface Water	Type	Color	White	Wind	W 0-5
Soil/Sediments	Contents	Turbidity	22.5	Rain	NONE
	Layer Sampled	Odor	NONE	Atmosphere	OC.
Wastewater:				Other	
Type of Composite	Drilling/boring method	TURB AFTER FILTERED 0.16			
Begin time	Drilling time used				
End time					

Additional Information:

Fuel Power Unit Downline? ☒ or N
 Field Decon Performed? ☒ or N
 Waste Contained? Y or ☒

Operator's Signature

Jim W. - Dale D.

(Signature)

9507175
4

BU

of Containers 57

[illegible]

Containers

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

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

Orlando Laboratories, Inc. Field Sheet

Revised: December 2

Client: Citrus County Department of Solid Waste

Project Name / Number: Citrus County Central LF

PWSID#

Site Location: Hwy 44 Lecanto FL

Sample ID:

MW-Equip. BIK

Sampling 7/13/95
Date & Time: 0950Number of
Bottles: 6Sample Type:
GRBSample Matrix:
G.W.Sampling Method:
BATWell Evacuation
Method: NA

Well Specifications

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

Diameter	in.	Well Casing Composition:	In Place Plumbing Data	
Water Level	ft.	GPF(x) CR Gallons	Plumbing Material	
Total Depth	ft.	X 0.103 = NA	Purge Flow Rate	2 NA
Column Height	ft.	3X =	Purge Time	2 NA
Column Volume	gal.	5X =	Sample Flow Rate	6.0-8.0
Min Evac.	gal.	Well Purged: Dry, or 3x and field tests within 5%, or 6x		NA
Actual	gal.	NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/ MSL/NGVD

Well Purging Data

Field Parameters

Parameter	Time	Value	Tests	1st	2nd
Temperature		NA	Temp.	28.0	NA
Conductivity		NA	Cond.	45.0	NA
pH		NA	pH	7.64	NA
Begin time	End time		D.O.	12.1	
Purging Comments:			Additional Test Results:		

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drum	Tint	Air Temp.
Surface Water	Type	None	29.8
Soil/Sediments	Contents	Color	Wind
	Layer Sampled	Turbidity	Rain
Wastewater:		Odor	Atmosphere
Type of Composite	Drilling/boring method		Other
Begin time	Drilling mud used		
End time			

Additional Information:

Fuel Power Unit Downline? ☒ or NField Decon Performed? ☒ or NWaste Container? Y or ☒

Operator's Signature

Jim W. - DATE D.

9507175
5

of Containers

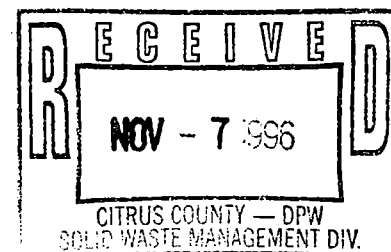
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Containers

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

Vials	(A)	Mason Jars
Glass:		Plastic:
gallon	(B)	gallon
80 oz.	(C)	1/2 gallon
32 oz.	(D)	32 oz.
16 oz.	(E)	16 oz.
4 oz.	(F)	8 oz.
		4 oz.



REPORT OF ANALYSIS

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

Work Order # : 95-07-138
Date Received: 07/12/95
Report Due by: 07/26/95
OLI Contact: J_BEATO

Work ID: Citrus County Landfill
Samples collected by: OLI Field Team
Total Samples: 5

<u>Sample Identification</u>	<u>Description of Analysis</u>	<u>Description of Analysis</u>
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 BLK	Field Data for DER Samples GC/MS Vol Organics:Appx I Color: Field	EDB/DBCP in Water Chloride Cobalt

Citrus County
Work ID: Citrus County Landfill

Work Order # : 95-07-138
C o n t i n u e d

Sample Identification

Description of Analysis

Description of Analysis

04A EQUIP BLK

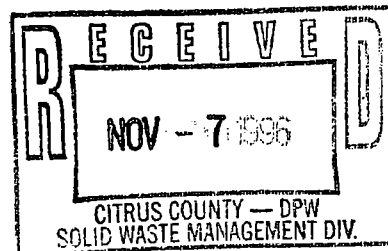
Inorganic Chemical (ICAP)
Inorganic Chemical (Hg)
Nitrogen: Ammonia
Total Dissolved Solids
Vanadium

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.

A handwritten signature in dark ink, appearing to read "C. J. Lohr".

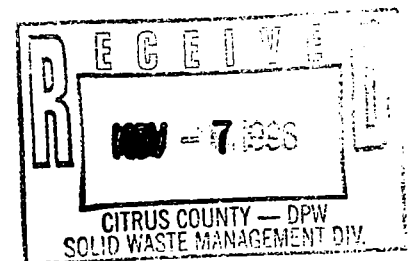
Authorized Laboratory Signature

Orlando Laboratories, Inc.
Work Order 95-07-138

Analytes Whose Results Exceed
Maximum Guidance Contamination Levels

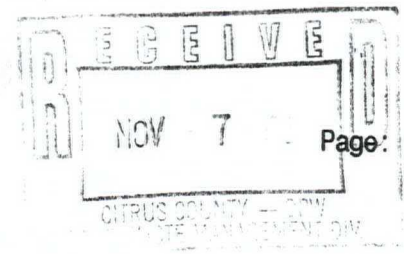
OLI Number	Sample Identification	Test/Analyte Name	Result	MCL	Units
01A	MW-4	Field Data for DER Samples			
		Field pH	5.43	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Benzene	3	1.0	UG/L
		Trichloroethylene	3	3.0	UG/L
		Secondary Chemical (ICAP)			
		Aluminum: Filtered	350	200	UG/L
		Iron: Filtered	25000	300	UG/L
		Manganese: Filtered	200	50	UG/L
		Field Turbidity	6.35	1	NTU
02A	MW-5	Field Data for DER Samples			
		Field pH	5.34	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Acetone	1000	700	UG/L
		Benzene	3	1.0	UG/L
		Secondary Chemical (ICAP)			
		Iron: Filtered	25000	300	UG/L
		Manganese: Filtered	98	50	UG/L
		Field Turbidity	21.7	1	NTU
03A	MW-6	Field Data for DER Samples			
		Field pH	4.97	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Bromodichloromethane	10	0.6	UG/L
		Bromoform	6	4.0	UG/L
		Chloroform	12	6.0	UG/L
		Dibromochloromethane	11	1.0	UG/L
		Inorganic Chemical (ICAP)			
		Sodium: Filtered	260	160	MG/L
		Secondary Chemical (ICAP)			
		Manganese: Filtered	77	50	UG/L
		Nitrogen: Nitrate	54.2	50	MG/L
		Total Dissolved Solids	848	500	MG/L
		Field Turbidity	7.25	1	NTU
04A	EQUIP BLK	Field Data for DER Samples			
		Field pH	5.06	6.5-8.5	UNITS

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 #: 95-07-138-01
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 #: 4009A17268
Well Name: MW-4
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 7.27

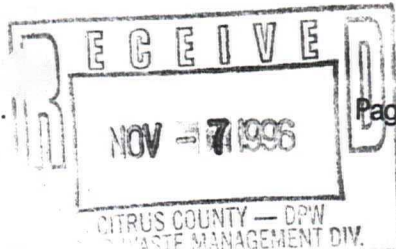
Sampling Date/Time: 07/12/95 15:20:00
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

STORET Code	Parameter Monitored	Samp Meth	Fld Y/N	Analysis Filt Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	07/12/95	5.43 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/12/95	29.1 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/12/95	160 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	07/12/95	115.35 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/12/95	4.6 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/12/95	4.88 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/13/95	100 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/13/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/13/95	3 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/13/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/13/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/13/95	8 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	5 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/13/95	8 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

Order #: 95-07-138-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER



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Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd 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	07/13/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/13/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/13/95	2 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/13/95	3 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/13/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/13/95	3 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/13/95	13 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA 325_2	07/17/95	3.9 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/14/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	07/12/95 15:20	White NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/14/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/14/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/14/95	14 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/14/95	5.1 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/14/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/14/95	<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

Order #: 95-07-138-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

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Citrus County Landfill

PARAMETER MONITORING REPORT

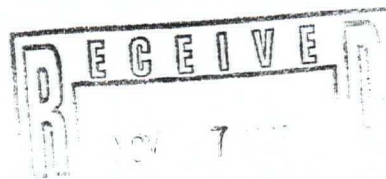
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y	EPA_7841	07/14/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y	EPA_7470	07/17/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	07/14/95	350 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	07/14/95	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	07/14/95	25000 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	07/14/95	200 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	07/14/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	07/14/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/21/95	0.03 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/17/95	208 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/12/95 15:20	6.35 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	07/14/95	<40 ug/l	10 ug/l

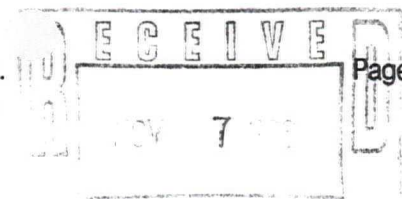
Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-522.900(2) Effective: April, 1994



Order #: 95-07-138-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Citrus County Landfill



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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): 7.11

Sampling Date/Time: 07/12/95 13:40:00
Report Period: 1995/3rd 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	07/12/95	5.34 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/12/95	28.7 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/12/95	150 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	07/12/95	114.03 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/12/95	7.1 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/12/95	1.01 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/13/95	1000 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/13/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/13/95	3 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/13/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	3 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/13/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/13/95	4 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	6 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/13/95	<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

Order #: 95-07-138-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

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Citrus County Landfill

PARAMETER MONITORING REPORT

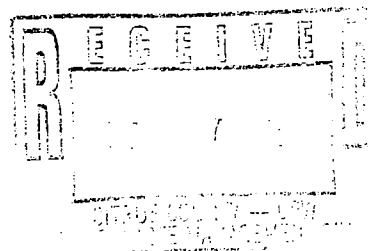
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17269
Well Name: MW-5

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77103	2-Hexanone	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N EPA 8260	07/13/95	8 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N EPA 8260	07/13/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N EPA 8260	07/13/95	5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N EPA 8260	07/13/95	2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N EPA 8260	07/13/95	12 ug/l	2 ug/l
00940	Chloride	Grab	N EPA_325_2	07/17/95	4.6 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y EPA_6010	07/14/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N VISUAL	07/12/95 13:40	Tan NA	NA NA
01007	Barium: Filtered	Grab	Y EPA_6010	07/14/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y EPA_6010	07/14/95	4.2 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y EPA_6010	07/14/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y EPA_6010	07/14/95	<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



Order #: 95-07-138-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

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Citrus County Landfill

PARAMETER MONITORING REPORT

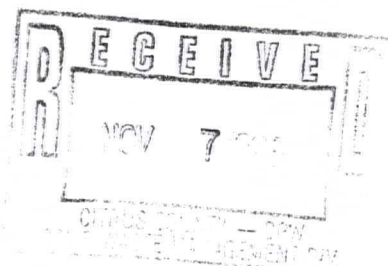
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17269
Well Name: MW-5

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y EPA_7841	07/14/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y EPA_6010	07/14/95	7.4 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y EPA_7470	07/17/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y EPA_6010	07/14/95	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y EPA_6010	07/14/95	25000 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y EPA_6010	07/14/95	98 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y EPA_6010	07/14/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	0.03 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	<0.02 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	170 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/12/95 13:40	21.7 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y EPA_6010	07/14/95	<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

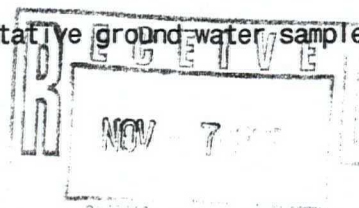
Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6
Classification of Groundwater: G-II

Ground Water Elevation (NGVD): _____
or (MSL): 7.04

Sampling Date/Time: 07/12/95 14:30:00
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N EPA_150_1	07/12/95	4.97 Units	NA Units
00010	Temperature	Grab	N EPA_170_1	07/12/95	29.0 ^C	NA ^C
00094	Conductivity	Grab	N EPA_120_1	07/12/95	900 umhos/cm	1.0 umhos/cm
72020	Water Level	Grab	N Tape_Measu	07/12/95	111.44 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N EPA_360_1	07/12/95	6.5 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N EPA_180_1	07/12/95	0.08 NTU	0.50 NTU
77651	EDB	Grab	N EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N EPA_504	07/13/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N EPA 8260	07/13/95	76 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N EPA 8260	07/13/95	<8 ug/l	8 ug/l
78124	Benzene	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N EPA 8260	07/13/95	10 ug/l	0.5 ug/l
32104	Bromoform	Grab	N EPA 8260	07/13/95	6 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N EPA 8260	07/13/95	12 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N EPA 8260	07/13/95	11 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N EPA 8260	07/13/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N EPA 8260	07/13/95	<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 Landfill

PARAMETER MONITORING REPORT

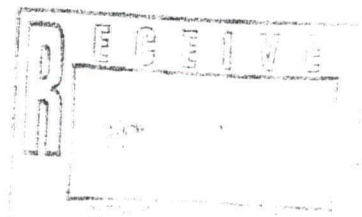
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd 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	07/13/95	<10 ug/l	10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/13/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/13/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/13/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/13/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/13/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/13/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/13/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/13/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/17/95	181 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/14/95	<50 ug/l	10 ug/l
NA081	Color, Field	Grab	N	VISUAL	07/12/95 14:30	Clear NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/14/95	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/14/95	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/14/95	12 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/24/95	260 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/14/95	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/14/95	<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



Order #: 95-07-138-03
Client: Citrus County

Orlando Laboratories, Inc.
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Citrus County Landfill

PARAMETER MONITORING REPORT

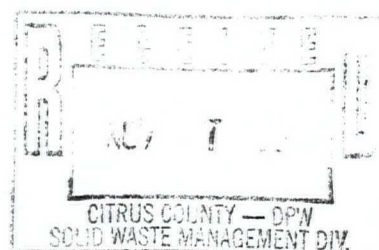
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17270
Well Name: MW-6

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) YES

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01059	Thallium: Filtered	Grab	Y EPA_7841	07/14/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Grab	Y EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
71900	Mercury: Filtered	Grab	Y EPA_7470	07/17/95	0.79 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y EPA_6010	07/14/95	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y EPA_6010	07/14/95	100 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y EPA_6010	07/14/95	77 ug/l	30 ug/l
01077	Silver: Filtered	Grab	Y EPA_6010	07/14/95	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y EPA_6010	07/14/95	93 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	0.05 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	54.2 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	848 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/12/95 14:30	7.25 NTU	0.50 NTU
01085	Vanadium: Filtered	Grab	Y EPA_6010	07/14/95	<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

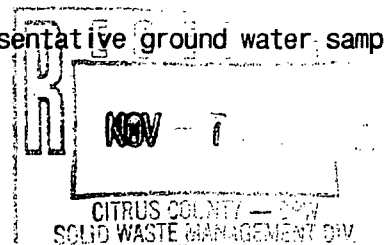
Facility GMS #: _____
Test Site ID #: NA
Well Name: EQUIPMENT BLANK
Classification of Groundwater: NA

Sampling Date/Time: 07/12/95 13:25:00
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA
Well type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other

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

STORET Code	Parameter Monitored	Samp Meth	Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	07/12/95	5.06 Units NA Units
00010	Temperature	Grab	N	EPA_170_1	07/12/95	34.0 ^C NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/12/95	<5.0 umhos/cm 1.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/12/95	10.2 mg/l 0.5 mg/l
77651	EDB	Grab	N	EPA_504	07/13/95	<0.02 ug/l 0.02 ug/l
38760	DBCP	Grab	N	EPA_504	07/13/95	<0.02 ug/l 0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/13/95	<10 ug/l 10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/13/95	<8 ug/l 8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/13/95	<1 ug/l 1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/13/95	<5 ug/l 5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/13/95	<0.5 ug/l 0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/13/95	<4 ug/l 4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/13/95	<5 ug/l 5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/13/95	<5 ug/l 5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/13/95	<1 ug/l 1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/13/95	<350 ug/l 350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
81686	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<3 ug/l 3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l 1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/13/95	<1 ug/l 1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/13/95	<2 ug/l 2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	07/13/95	<10 ug/l 10 ug/l
34413	Methyl bromide	Grab	N	EPA 8260	07/13/95	<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



Order #: 95-07-138-04
Client: Citrus County

Orlando Laboratories, Inc.
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Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #:

Test Site ID #:

Well Name:

NA

EQUIPMENT BLANK

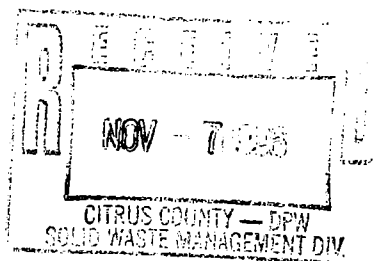
Sampling Date/Time: 07/12/95

Report Period: 1995/3rd Quarter

Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34418	Methyl chloride	Grab	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N EPA 8260	07/13/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
78131	Toluene	Grab	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
00940	Chloride	Grab	N EPA_325_2	07/17/95	<1.0 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N VISUAL	07/12/95 13:25	Clear NA	NA NA
01037	Cobalt	Grab	N EPA_6010	07/14/95	<50 ug/l	10 ug/l
01007	Barium	Grab	N EPA_6010	07/14/95	<100 ug/l	100 ug/l
01027	Cadmium	Grab	N EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01034	Chromium	Grab	N EPA_6010	07/14/95	<10 ug/l	10 ug/l
01067	Nickel	Grab	N EPA_6010	07/14/95	<10 ug/l	10 ug/l
00929	Sodium	Grab	N EPA_6010	07/14/95	<1.0 mg/l	1.0 mg/l
01012	Beryllium	Grab	N EPA_6010	07/14/95	<4.0 ug/l	4.0 ug/l
01051	Lead	Grab	N EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
01097	Antimony	Grab	N EPA_6010	07/14/95	<6.0 ug/l	6.0 ug/l
01059	Thallium	Grab	N EPA_7841	07/14/95	<2.0 ug/l	2.0 ug/l
01002	Arsenic	Grab	N EPA_6010	07/14/95	<5.0 ug/l	5.0 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



Order #: 95-07-138-04
Client: Citrus County

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PARAMETER MONITORING REPORT

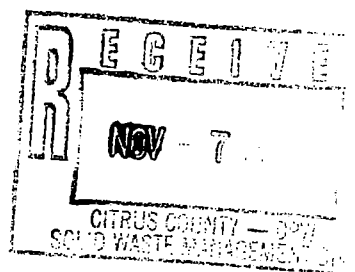
Part III: Analytical Results

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

Sampling Date/Time: 07/12/95
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01147	Selenium	Grab	N EPA_6010	07/14/95	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N EPA_7470	07/17/95	<0.10 ug/l	0.10 ug/l
01105	Aluminum	Grab	N EPA_6010	07/14/95	<100 ug/l	100 ug/l
01042	Copper	Grab	N EPA_6010	07/14/95	<10 ug/l	10 ug/l
01045	Iron	Grab	N EPA_6010	07/14/95	<100 ug/l	100 ug/l
01055	Manganese	Grab	N EPA_6010	07/14/95	<30 ug/l	30 ug/l
01077	Silver	Grab	N EPA_6010	07/14/95	<10 ug/l	10 ug/l
01092	Zinc	Grab	N EPA_6010	07/14/95	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/18/95	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/21/95	<0.02 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/95	26 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/12/95 13:25	0.30 NTU	0.50 NTU
01087	Vanadium	Grab	N EPA_6010	07/14/95	<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

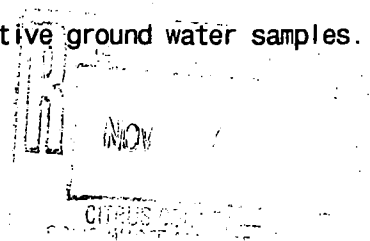
Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK
Classification of Groundwater: NA

Sampling Date/Time: _____
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA
Well type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other

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

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77651	EDB	NA	N EPA 504	07/13/95	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N EPA 504	07/13/95	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N EPA 8260	07/13/95	<8 ug/l	8 ug/l
78124	Benzene	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N EPA 8260	07/13/95	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
32106	Chloroform	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N EPA 8260	07/13/95	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
81686	c-1,2-Dichloroethylene	NA	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
34413	Methyl bromide	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N EPA 8260	07/13/95	<10 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



Order #: 95-07-138-05
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 15

Citrus County Landfill

PARAMETER MONITORING REPORT

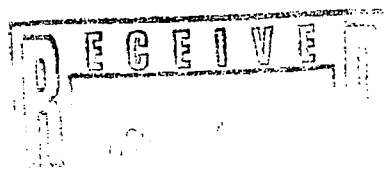
Part III: Analytical Results

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

Sampling Date/Time: _____
Report Period: 1995/3rd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
30217	Methylene bromide	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N EPA 8260	07/13/95	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N EPA 8260	07/13/95	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
78131	Toluene	NA	N EPA 8260	07/13/95	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N EPA 8260	07/13/95	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N EPA 8260	07/13/95	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N EPA 8260	07/13/95	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N EPA 8260	07/13/95	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N EPA 8260	07/13/95	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N EPA 8260	07/13/95	<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: Citrus County Landfill

Report Number: 95-07-138

Quality Control Data Sheets

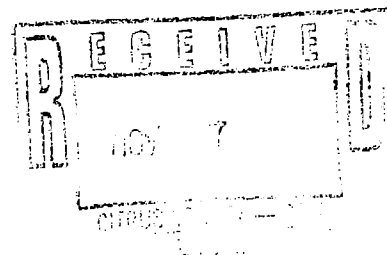
Parameter	OLI Sample #	Amt Spike	Sample Result	MS Result	MS %Rec	MSD or Duplicate Result	MSD %Rec	RPD	Analysis Date	Analyst	* QC Limits *		
Mercury	9507116-2	1.0	<0.2	0.9432	94	0.9732	97	3	07/17/95	DAH	67	128	12
Aluminum	9507138-01	2000	351.6	2441	104	2434	104	<1	07/14/95	DM	64	155	18
Copper	9507138-01	250	1.1	249.0	99	249.0	99	0	07/14/95	DM	87	118	19
Iron	9507138-01	1000	24530	25140	61	24770	24	1	07/14/95	DM	79	121	13
Manganese	9507138-01	500	199.3	679.7	96	676.6	96	<1	07/14/95	DM	85	119	9
Silver	9507138-01	500	<10	483.7	97	481.0	96	1	07/14/95	DM	88	111	10
Zinc	9507138-01	500	19.4	508.1	98	507.9	98	<1	07/14/95	DM	81	118	10
Barium	9507138-01	2000	11.3	1992	99	1981	99	1	07/14/95	DM	85	111	11
Cadmium	9507138-01	50	<5.0	48.5	97	48.7	97	<1	07/14/95	DM	83	116	10
Chromium	9507138-01	200	1.0	196.0	98	196.1	98	<1	07/14/95	DM	83	115	11
Nickel	9507138-01	500	14.2	502.4	98	501.9	98	<1	07/14/95	DM	88	117	11
Sodium	9507138-01	10000	5143	14550	94	14480	93	<1	07/14/95	DM	75	145	10
Beryllium	9507138-01	50	<4.0	49.5	99	49.5	99	0	07/14/95	DM	87	115	10
Lead	9507138-01	500	1.6	490.0	98	491.3	98	<1	07/14/95	DM	81	119	11
Antimony	9507138-01	100	<5.0	96.9	97	96.6	97	<1	07/14/95	DM	83	118	11
Thallium	9507138-01	100	<5.0	88.8	89	89.6	90	1	07/14/95	DM	83	112	13
Arsenic	9507138-01	500	4.4	489.6	97	489.7	97	<1	07/14/95	DM	86	115	14
Selenium	9507138-01	500	<5.0	442.2	88	441.0	88	<1	07/14/95	DM	86	120	13
Cobalt	9507138-01	100	2.1	99.3	97	98.8	97	1	07/14/95	DM	84	118	10
Vanadium	9507138-01	100	1.0	98.6	98	98.0	97	1	07/14/95	DM	85	118	10
Nitrite	9507145-02	1.0	<0.02	1.11	111	1.12	112	1	07/14/95	BES	61	136	4
Total Dissolve*	9507147-01		2350		NA	2520	NA	7	07/17/95	SS			14
Ammonia Nitroge	9507103-08	1.0	0.01	0.95	94	0.95	94	0	07/19/95	BES	42	119	11
Nitrate/Nitrite	9507138-01	1.0	0.05	1.09	104	1.09	104	0	07/21/95	BES	53	127	7
Chloride	9507098-02	50	15.8	71.4	111	70.2	109	2	07/17/95	BES	89	115	4

Parameter Sample # Case Narrative for 95-07-138

Iron QC Spike recovery data out of QC limits due to high analyte concentration. (Concentration of spike was insignificant when compared to analyte concentration.)

Total Dissolved Solids* 4 Sample is recorded as a blank; however, analysis values are above MDL. Evaluation of chart peaks, calculations, or re-analysis confirmed results.

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



ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

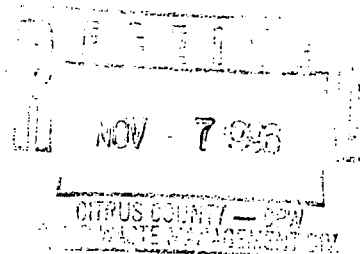
MATRIX : Water
REPORT DATE: 7-13-1995
EPA METHOD : 504

LAB SAMPLE #: 9507119-05
ANALYSIS DATE: 07-13-95

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
Ethylene Dibromide	30	0	28.3	94	29.7	99	5
Dibromochloropropane	30	0	34.0	113	36.0	120	6

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER			SOIL		
	LOWER	UPPER	RPD	LOWER	UPPER	RPD
Ethylene Dibromide	69	122	10	NA	NA	NA
Dibromochloropropane	75	124	14	NA	NA	NA



ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

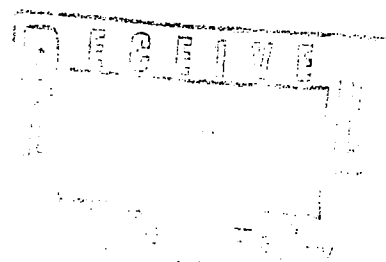
MATRIX : Water
REPORT DATE: 7-17-1995
EPA METHOD : 624/8260

LAB SAMPLE #: 95-07-138-1
ANALYSIS DATE: 7/13/95

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethane	50	0	54.0	108	54.0	108	0
Trichloroethane	50	3	56.0	106	60.0	114	7
Benzene	50	3	59.0	112	61.0	116	3
Toluene	50	3	57.0	108	58.0	110	2
Chlorobenzene	50	0	56.0	112	61.0	122	9

MATRIX SPIKE QUALITY CONTROL LIMITS

COMPOUND	WATER			SOIL		
	LOWER	UPPER	RPD	LOWER	UPPER	RPD
1,1-Dichloroethane	78	144	28	NA	NA	NA
Trichloroethane	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



Client: CITRUS COUNTY SAN. DEPT
 Project Name / Number: CITRUS County Central LF
 Site Location: Hwy 44 Loc. 100 FL
 Sample ID: MW- 4
 Sampling Date & Time: 7/12/95 1520
 Number of Bottles: 8
 Sample Type: GRB
 Sample Matrix: G.W.
 Sampling Method: BAT.
 Well Evacuation Method: SUB

Well Specifications			Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height		
Diameter	2.0	in.	Well Casing Composition:	PIC	
Water Level	115.35	ft.	GPF(x)	=CR	Gallons
Total Depth	126.50	ft.	11.15 X 0.163 =	1.82	
Column Height	11.15	ft.	3X =	5.45	
Column Volume	1.82	gal.	5X =	9.1	
Min Evac.	N.A.	gal.	Well Purged	(Dry) or 3x and field tests within 5%, or 5x	
Actual	2	gal.	NGVD.	(-) WL/TOC	(-) WATER LEVEL/MSLNGVD
	2.0	gal.	MSL/TOC		

Well Purging Data					Field Parameters		
Sal.	Time				Tests	1st	2nd
Per	ture				Temp.	29.1	
Conductivity					Cond.	160	
pH					pH	5.43	
Begin time	11139	End time	1141		D.O.	4.6	
Purging Comments: Day 2.0 GAL					Additional Test Results:		

Sampling Information			Sample Appearance		Environmental Conditions	
Depth	Drum:		Tint	LIGHT	Air Temp.	37.1
Surface Water	Type		Color	WHITE	Wind	S 0-5
Soil/Sediments	Contents		Turbidity	6.35	Rain	NONE
	Layer Sampled		Odor	SLIGHT	Atmosphere	O.C.
Wastewater:					Other	
Type of Composite	Drilling/boring method	* TORB AFTER FILTER		4.88		
Begin time	Drilling time used					
End time						

Additional Information: MW Purged on 7/11 (SW)
 * Heavy TRAFFIC - ON main Road (SW)
 Fuel Power Unit Downline? (P) or N (SW)
 Field Decon Performed? (P) or N (SW)
 Waste Contained? Y or N (SW)
 Operator's Signature: Jim Lee DATED: [Signature]
 Date: NOV - 7 1995
 CITRUS COUNTY - SANITATION DEPARTMENT

9507138

of Containers

78



52

25

Containers

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

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

Client: CITRUS COON SAN. DEPT

Project Name / Number: CITRUS County Central LF

PWSID#

Site Location: Hwy 44 LAKE ME FL

Sample ID:

MW-5

Sampling Date & Time: 7/12/95 1340

Number of Bottles: 7

Sample Type: GRB

Sample Matrix: G.W.

Sampling Method: BAT.

Well Evacuation Method: SUB

Well Specifications

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

Diameter	2.0	in.	Well Casing Composition: PVC	In Place Plumbing Data	
Water Level	114.03	ft.	$GPF(x) = CR \text{ Gallons}$ $9.97 \times 0.163 = 1.63$ $3x = 4.89$ $5x = 8.5$	Plumbing Material	SS/TF
Total Depth	124.00	ft.		Purge Flow Rate	≈ 2.60 ≈ 0.375 Gal
Column Height	9.97	ft.		Purge Time	≈ 8.0
Column Volume	1.63	gal.		Sample Flow Rate	6.0-8.0 m
Min Evac.	N/A	gal.	Well Purged <u>Dry</u> or 3x and field tests within 5%, or 6x <u>(W)</u>		
Actual $\approx$	3.0	gal.	NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/MSL/NGVD

Well Purging Data

Field Parameters

Gal	Time	Per	ure	Conductivity	pH	Begin time	End time	Tests	1st	2nd
								Temp.	28.7	N/A
								Cond.	150	N/A
								pH	5.34	N/A
								D.O.	7.1	
Purging Comments: Dry #00 1245 2.0641 Dry #2 1253 @ 1.641								Additional Test Results:		

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drum	Test	Air Temp.	37.1
Surface Water	Type	Color	Wind	5-5
Oil/Sediments	Contents	Turbidity	Rain	NONE
	Layer Sampled	Odor	Atmosphere	O.C.
Wastewater:			Other	
Type of Composite	Drilling/boring method			
Begin time	Drilling and used			
End time				

Additional Information:

MW PURGE ON 7/11 (Su)

Fuel Power Unit Downline?

Y or N (Su)

Field Decon Performed?

Y or N (Su)

Waste Contained?

Y or N (Su)

Operator's Signature

Jim Li DATED

Jim Li

NOV 7 1995

[illegible]

9507138
2

7

26

Containers

Code	Parameter	Vials	(A)	Mason Jars
GC	VOC's			
MS	VOC's (mass spec)	Glass:		Plastic:
EW	Extractable Organics (water)	gallon	(B)	gallon (L)
ES	Extractable Organics (soil)	80 oz.	(C)	1/2 gallon (L)
LC	Liquid Chromatography	32 oz.	(D)	32 oz. (L)
		16 oz.	(E)	16 oz. (L)
TA	Total Metals	4 oz.	(F)	8 oz. (L)
MC	Microbiological			4 oz. (L)
WC	Wet Chemistry			
PS	Wet Chemistry (percent solid)			

Client: CITRUS County SAN DEPT
 Project Name / Number: CITRUS County Central LF PWSID#
 Site Location: Hwy 44 Lehigh FL
 Sample ID: MW-6 Sampling 7/12/95 Number of
 Date & Time: 1430 Bottles: 7
 Sample Type: GRB Sample Matrix: G.W. Sampling Method: BAT. Well Evacuation
 Method: SUB

Well Specifications			Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height		
Diameter	<u>2.0</u>	in.	Well Casing Composition: <u>PVC</u>		In Place Plumbing Data
Water Level	<u>111.44</u>	ft.	GPF(x) = CR Gallons	Plumbing Material	<u>SS/TF</u>
Total Depth	<u>124.7</u>	ft.	<u>1326 X 0.163 = 2.16</u>	Purge Flow Rate	<u>2</u> <u>280V</u> Gal
Column Height	<u>13.26</u>	ft.	<u>3X = 6.48</u>	Purge Time	<u>2</u> <u>3.0</u>
Column Volume	<u>2.16</u>	gal.	<u>5X = 10.81</u>	Sample Flow Rate	<u>6.0-8.0</u> ml
Min Evac.	<u>N.M.</u>	gal.	Well Purged: <u>Dry</u> , or 3x and field tests within 5%, or 6x <u>(SW)</u>		
Actual	<u>2</u> <u>3.0</u>	gal.	NGVD. MSL/TOC	(-) WL/TOC	(-) WATER LEVEL/MSL/NGVD

Well Purging Data						Field Parameters		
Date	Time					Tests	1st	2nd
Purge						Temp.	<u>29.0</u>	<u>NA</u>
Conductivity						Cond.	<u>900</u>	<u>NA</u>
pH						pH	<u>4.97</u>	<u>NA</u>
Begin time	<u>1217</u>	End time	<u>1225</u>			D.O.	<u>6.5</u>	
Purging Comments: <u>Dry #1 1219 = 26M</u> <u>Dry #2 1225 = 16M</u>						Additional Test Results:		

Sampling Information			Sample Appearance		Environmental Conditions	
Depth	Drum		Tint	<u>none</u>	Air Temp.	<u>37.2</u>
Surface Water	Type		Color	<u>clear</u>	Wind	<u>5-5</u>
Soil/Sediments	Contents		Turbidity	<u>7.25</u>	Rain	<u>none</u>
	Layer Sampled		Odor	<u>none</u>	Atmosphere	<u>OC</u>
Wastewater:					Other	
Type of Composite	Drilling/boring method	<u>* TOB AFTER</u>	F. filtered	<u>0.08</u>		
Begin time	Drilling mud used					
End time						

Additional Information: MW Purged on 7/11 (SW)

Fuel Power Unit Downline? (P) or N (SW)
 Field Decon Performed? (P) or N
 Waste Contained? Y or (N)

Operator's Signature: Jim Lu DATED: 7/12/95

9507138
3

Field Identification of Containers

Workorder #

of Containers 7

[illegible]

Field Codes (order of sampling):

Containers

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

Vials	(A)	Mason Jars
Glass:		Plastic:
gallon	(B)	gallon (
80 oz.	(C)	1/2 gallon
32 oz.	(D)	32 oz. (
16 oz.	(E)	16 oz. (
4 oz.	(F)	8 oz. (L
		4 oz.

Client: CITRUS County SAN. DEPT

Project Name / Number: CITRUS County Central LF

PWSID#

Site Location: Hwy 44 Locust FL

Sample ID:

MW-EGGP BIK

Sampling 7/12/95

Date & Time: 1325

Number of Bottles: 7

Sample Type: GRB

Sample Matrix: G.W.

Sampling Method: BAT

Well Evacuation Method: SUB

Well Specifications

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

Diameter	2.0	in.	Well Casing Composition:	PKC	In Place Plumbing Data
Water Level		ft.	GPF(x)	-CR	Plumbing Material
Total Depth		ft.	X 0.163 =	Gallons	SS / TF
Column Height		ft.	3x =		Purge Flow Rate
Column Volume		gal.	5x =		Purge Time
Min Evac.		gal.			Sample Flow Rate
Actual	2	gal.			6.0-8.0
			Well Purged: Dry, or 3x and field tests within 5%, or 5x		
			NGVD.	(-) WL/TOC	(-) WATER LEVEL/MSLNGVD
			MSL/TOC		

Well Purging Data

Field Parameters

Time						Tests	1st	2nd
Purge						Temp.	34.0	
Conductivity						Cond.	55.0	
pH						pH	5.06	
Begin time						D.O.	10.2	
End time								

Purging Comments:

Additional Test Results:

Sampling Information

Sample Appearance

Environmental Conditions

Depth	Drum	Tint	None	Air Temp.	34.8
Surface Water	Type	Color	clear	Wind	N 0-5
Soil/Sediments	Contents	Turbidity	0.30	Rain	none
	Layer Sampled	Odor	none	Atmosphere	O.C.
Wastewater:				Other	
Type of Composite	Drilling/boring method				
Begin time	Drilling mud used				
End time					

Additional Information:

TAKE GRASS AROUND WELL
DOWN WIND OF WWTP
LIGHT TRAFFIC. (SW)

Fuel Power Unit Downline?

Y or N

Field Decon Performed?

Y or N

Waste Contained?

Y or N

Operator's Signature

Jim Li DALED

Jim Li

ENVIRONMENTAL DIV.

Field Identification of Containers

9507138

Workorder

of Containers 7

[illegible]

Field Codes (order of sampling):

Containers

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

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