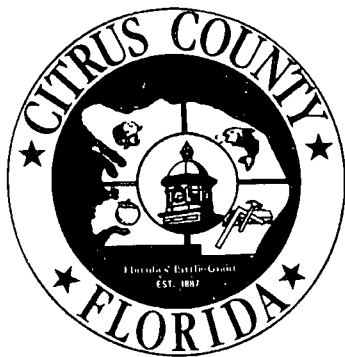




October 18, 1996

Board of County Commissioners

Department of Public Works

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.

OCT 23 1996

SOUTHERN DISTRICT
TAMPA

**RE: QUARTERLY GROUNDWATER MONITORING REPORT FOR
CITRUS COUNTY CENTRAL LANDFILL 60 AND 80 ACRE SITES-
PERMIT NO.(S) SO09-187229 - SF09-211030**

Dear Ms. Amram:

Enclosed please find the monitoring report for the 80 and 60 Acre Sites, together with the water level contour map, covering the period 7-96 to 9-96 as follows:

Summary of exceedences of MCL's or guidance concentrations:

MW-R-1: pH, turbidity (filtered and unfiltered), iron, and manganese.
MW-2: pH, turbidity (filtered and unfiltered), iron and acetone.
MW-3: pH, turbidity (unfiltered), and manganese
MW-B: pH, turbidity (only unfiltered reported?)
MW-4: pH, turbidity (unfiltered), iron, and manganese.
MW-5: pH, turbidity (filtered and unfiltered), iron, and benzene.
MW-6: pH, manganese, sodium, nitrate, total dissolved solids, bromoform, chloroform, dibromochloromethane, bromodichloromethane.
MW-AA: pH, turbidity (unfiltered), iron, manganese, and vinyl chloride.
MW-C: Turbidity (unfiltered)
MW-D: Turbidity (filtered and unfiltered), and manganese.
MW-E: Turbidity (unfiltered) iron, manganese, and vinyl chloride.

The pH, turbidity, iron, and manganese are longstanding exceedences which are related to natural groundwater conditions. All metal samples except those from well MW-C, were filtered.

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

Allison Amram, P.G.
Quarterly Groundwater Monitoring
October 18, 1996
Page 2

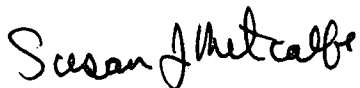
The subject of filtration of groundwater samples will be addressed in a separate letter.

The leachate sampling analysis for July, August and September, 1996 have been submitted under separate cover letter.

Your question as to why wells 2 & 3 were not reported with the last quarterly sampling is that those wells appear only in the current operation permit (SO09-187229). Specific Condition 20 of that permit requires semi-annual sampling only. The other wells to which that permit applies are also included in the current long-term care permit (SF09-211030) which requires quarterly sampling. The discrepancies in sample frequency and analytical parameters should be cleared up when the new permits are issued.

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

cc: Chongman Lee, GW Analysis- Solid Waste - Tallahassee
Gary W. Kuhl, Director, Dept. Public Works w/o attachments

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.600(11)
Form Title <u>GROUND WATER MONITORING REPORT</u>
Effective Date <u>10-18-96</u>
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

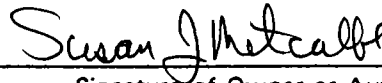
PART I GENERAL INFORMATION

- (1) Facility Name CITRUS COUNTY CENTRAL LANDFILL
Address 230 W. GULF-TO-LAKE HIGHWAY
City LECANTO, FL Zip 34461
Telephone Number (904) 746-5000
- (2) The GMS Identification Number 4009C00086
- (3) DEP Permit Number SF09-21130/S009-187229 CITRUS COUNTY
- (4) Authorized Representative Name SUSAN J. METCALFE
Address P.O. BOX 340
City LECANTO, FL Zip 34460
Telephone Number (904) 746-5000
- (5) Type of Discharge GROUNDWATER
- (6) Method of Discharge UNKNOWN - LINED LANDFILL

Certification

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

Date: 10-18-96



Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # 860106G
- Analytical Lab Comp QAP #/HRS Certification # 94224
*Comp QAP #/HRS Certification # 94333
- Lab Name ORLANDO LABORATORIES, INC.
- Address P. O. BOX 149127, ORLANDO, FL 32814
- Phone Number (407) 896-6645

PART III ANALYTICAL RESULTS

Facility GMS #: 4009C00086**Sampling Date/Time:****Test Site ID #:****Report Period:**

(year/quarter)

Well Name:

Well Purged (Y/N):

Classification of Ground Water:

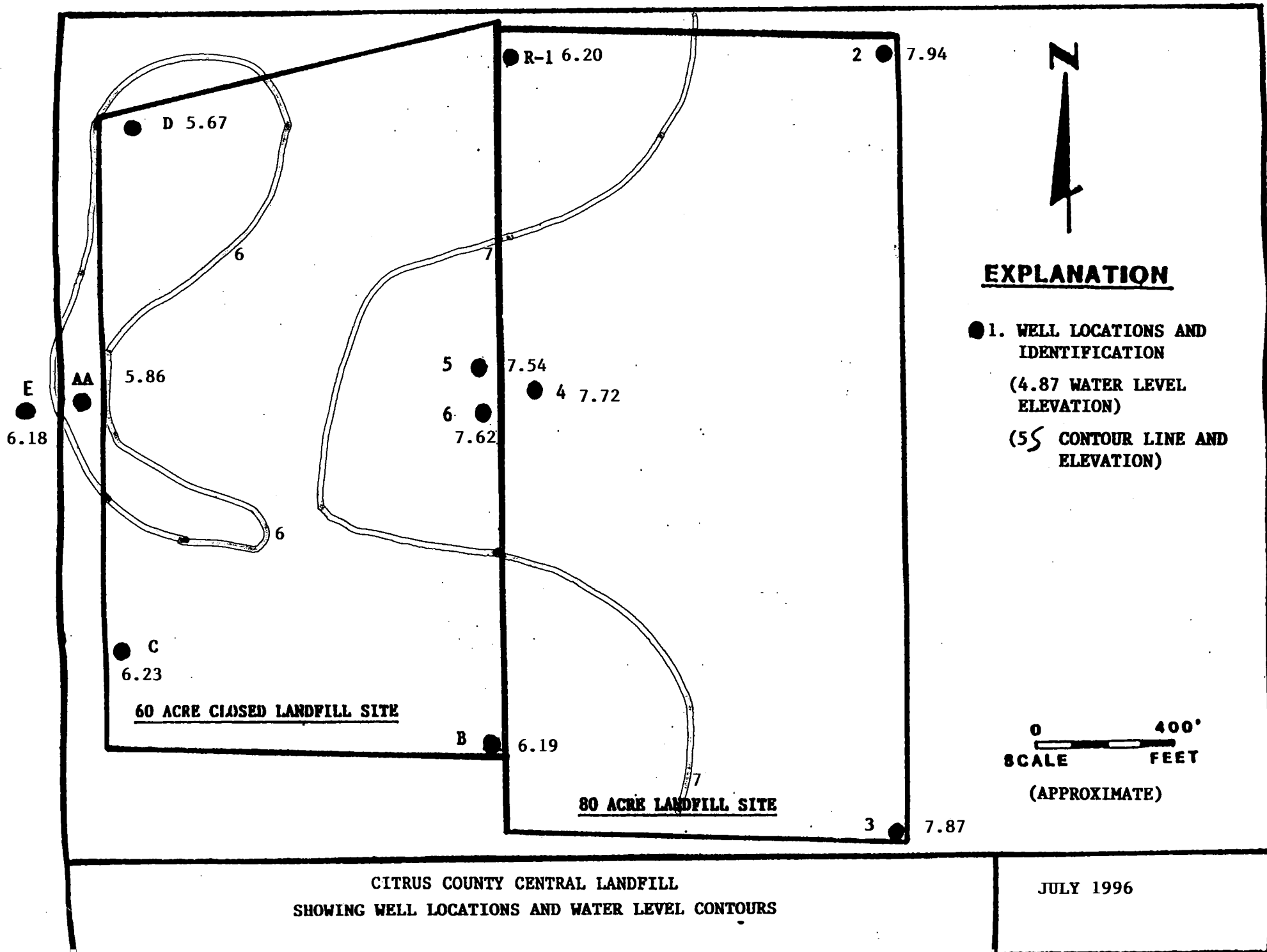
Well Type: () Background
() Intermediate
() Compliance
() Other

Ground Water Elevation (NGVD):

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
			SEE ATTACHED				

- **Attach Laboratory Reports**



DEP
FILE

ORLANDO *(C)* LABS

Miami • Orlando • Atlanta • Raleigh

REPORT OF ANALYSIS

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

Work Order # : 96-07-244
Date Received: 07/16/96
Report Due by: 07/31/96
OLI Contact: K_VAULT

Work ID: Central Landfill
Samples collected by: OLI Field Team
Total Samples: 6

<u>Sample Identification</u>	<u>Description of Analysis</u>	<u>Description of Analysis</u>
01A MW-R-1	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-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
03A MW-3	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-B	Field Data for DER Samples GC/MS Vol Organics: Appx I Color: Field	EDB/DBCP in Water Chloride Cobalt

Citrus County
Work ID: Central Landfill

Work Order # : 96-07-244
C o n t i n u e d

Sample Identification

Description of Analysis

Description of Analysis

04A MW-B

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

Inorganic Chemical (ICAP)
Secondary Chemical (ICAP)
Nitrogen: Nitrate
Field Turbidity

05A MW-B Dup

Field Data for DER Samples
GC/MS Vol Organics:Appx I
Color: Field
Inorganic Chemical (ICAP)
Inorganic Chemical (Hg)
Nitrogen: Ammonia
Total Dissolved Solids
Vanadium

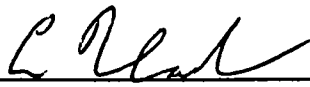
EDB/DBCP in Water
Chloride
Cobalt
Inorganic Chemical (ICAP)
Secondary Chemical (ICAP)
Nitrogen: Nitrate
Field Turbidity

06A Method Blank

Field Data for DER Samples
GC/MS Vol Organics:Appx I
QC for Wet Chemistry

EDB/DBCP in Water
QC for Metals

Respectfully Submitted,
ORLANDO LABORATORIES, INC.



Authorized Laboratory Signature

Orlando Laboratories, Inc.
Work Order 96-07-244

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-R-1	Field Data for DER Samples			
		Field pH	6.13	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Iron: Filtered	10000	300	UG/L
		Manganese: Filtered	1300	50	UG/L
		Field Turbidity	23.0	1	NTU
02A	MW-2	Field Data for DER Samples			
		Field pH	5.92	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Acetone	840	700	UG/L
		Secondary Chemical (ICAP)			
		Iron: Filtered	410	300	UG/L
		Field Turbidity	19.0	1	NTU
03A	MW-3	Field Data for DER Samples			
		Field pH	5.91	6.5-8.5	UNITS
		Secondary Chemical (ICAP)			
		Manganese: Filtered	50	50	UG/L
		Field Turbidity	156.0	1	NTU
04A	MW-B	Field Data for DER Samples			
		Field pH	5.10	6.5-8.5	UNITS
		Field Turbidity	4.60	1	NTU
05A	MW-B Dup	Field Data for DER Samples			
		Field pH	5.09	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 #: 96-07-244-01
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): 6.20

Sampling Date/Time: 07/16/96 15:30:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☒ Background
☐ Intermediate
☒ Compliance
☐ Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Bailer	N	EPA_150_1	07/16/96	6.13 Units	NA Units
00010	Temperature	Bailer	N	EPA_170_1	07/16/96	24.0 ^C	NA ^C
00094	Conductivity	Bailer	N	EPA_120_1	07/16/96	135 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N	Tape Measu	07/16/96	112.05 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N	EPA_360_1	07/16/96	1.7 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N	EPA_180_1	07/16/96	2.4 NTU	0.50 NTU
77651	EDB	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N	EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N	EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N	EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Order #: 96-07-244-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 3

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Bailer	N EPA_325_2	07/29/96	9.6 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y EPA_6010	07/22/96	18 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y VISUAL	07/16/96 15:30	Clear NA	NA NA
01007	Barium: Filtered	Bailer	Y EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y EPA_6010	07/22/96	16 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-244-01
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: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N	EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y	EPA_6010	07/22/96	10000 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y	EPA_6010	07/22/96	1300 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y	EPA_6010	07/22/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N	EPA_350_1	07/23/96	0.02 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.15 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/17/96	142 mg/l	10 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/16/96	23.0 NTU	0.02 NTU
01085	Vanadium: Filtered	Bailer	Y	EPA_6010	07/22/96	<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 #: 96-07-244-02
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 #: 4009A15909
Well Name: MW-2
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 7.94

Sampling Date/Time: 07/16/96 11:00:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☒ Background
☐ Intermediate
☐ Compliance
☐ Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Bailer	N	EPA_150_1	07/16/96	5.92 Units	NA Units
00010	Temperature	Bailer	N	EPA_170_1	07/16/96	23.3 ^C	NA ^C
00094	Conductivity	Bailer	N	EPA_120_1	07/16/96	25 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N	Tape_Measu	07/16/96	128.35 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N	EPA_360_1	07/16/96	6.4 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N	EPA_180_1	07/16/96	1.82 NTU	0.50 NTU
77651	EDB	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N	EPA_8260	07/18/96	840 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N	EPA_8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N	EPA_8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N	EPA_8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N	EPA_8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N	EPA_8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N	EPA_8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N	EPA_8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N	EPA_8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N	EPA_8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N	EPA_8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N	EPA_8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N	EPA_8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N	EPA_8260	07/18/96	<2 ug/l	2 ug/l

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Bailer	N EPA_325_2	07/29/96	2.9 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y VISUAL	07/16/96 11:00	Clear NA	NA NA
01007	Barium: Filtered	Bailer	Y EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y EPA_6010	07/22/96	2.1 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-244-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 7

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N EPA_7470	07/29/96	0.62 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y EPA_6010	07/22/96	31 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y EPA_6010	07/22/96	410 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y EPA_6010	07/22/96	19 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y EPA_6010	07/22/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N EPA_350_1	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N EPA_353_2	07/26/96	0.03 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N EPA_160_1	07/17/96	20.0 mg/l	10 mg/l
82078	Field Turbidity	Bailer	N EPA_180_1	07/16/96	19.0 NTU	0.02 NTU
01085	Vanadium: Filtered	Bailer	Y EPA_6010	07/22/96	<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 #: 96-07-244-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 8

Citrus County Landfill

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): 7.87

Sampling Date/Time: 07/16/96 12:00:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: [X] 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	Bailer	N EPA_150_1	07/16/96	5.91 Units	NA Units
00010	Temperature	Bailer	N EPA_170_1	07/16/96	22.8 °C	NA °C
00094	Conductivity	Bailer	N EPA_120_1	07/16/96	30.0 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N Tape Measu	07/16/96	112.60 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N EPA_360_1	07/16/96	4.5 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N EPA_180_1	07/16/96	0.13 NTU	0.50 NTU
77651	EDB	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Order #: 96-07-244-03
 Client: Citrus County

Orlando Laboratories, Inc.
 Report of Analysis for DER

Page: 9

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
 Report Period: 1996/3rd 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	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	4.1 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y	VISUAL	07/16/96 12:00	White NA	NA NA
01007	Barium: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y	EPA_6010	07/22/96	2.8 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-244-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 10

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N	EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y	EPA_6010	07/22/96	15 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y	EPA_6010	07/22/96	50 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y	EPA_6010	07/22/96	69 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N	EPA_350_1	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.05 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/17/96	44.0 mg/l	10 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/16/96	156.0 NTU	0.02 NTU
01085	Vanadium: Filtered	Bailer	Y	EPA_6010	07/22/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD): _____
 or (MSL): 6.19

Sampling Date/Time: 07/16/96 14:52:00
 Report Period: 1996/3rd 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	07/16/96	5.10 Units	NA Units
00010	Temperature	Grab	N EPA_170_1	07/16/96	24.5 ^C	NA ^C
00094	Conductivity	Grab	N EPA_120_1	07/16/96	51 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N Tape_Measu	07/16/96	105.75 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N EPA_360_1	07/16/96	3.4 mg/l	0.5 mg/l
77651	EDB	Grab	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N EPA_8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N EPA_8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N EPA_8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N EPA_8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N EPA_8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N EPA_8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N EPA_8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N EPA_8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N EPA_8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N EPA_8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Grab	N EPA_8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N EPA_8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N EPA_8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N EPA_8260	07/18/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N EPA_8260	07/18/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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
77596	Methyl bromide	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/29/96	4.1 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	07/16/96 14:52	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01007	Barium: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/22/96	5.9 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l

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

Order #: 96-07-244-04
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 13

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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
01002	Arsenic: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N	EPA_7470	07/29/96	0.21 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	07/22/96	20 ug/l	10 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	07/22/96	100 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/26/96	1.89 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/17/96	34.0 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/16/96	4.60 NTU	0.02 NTU
01087	Vanadium	Grab	N	EPA_6010	07/22/96	<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 #: 96-07-244-05
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 14

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):
or (MSL): 6.19

Sampling Date/Time: 07/16/96 15:00:00
Report Period: 1996/3rd 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	07/16/96	5.09 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/16/96	24.4 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/16/96	50 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape_Measu	07/16/96	105.75 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/16/96	6.5 mg/l	0.5 mg/l
77651	EDB	Grab	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	07/18/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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
77596	Methyl bromide	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/29/96	3.9 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	07/16/96 15:00	Clear NA	NA NA
01037	Cobalt	Grab	N	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01007	Barium: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/22/96	6.5 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l

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

Order #: 96-07-244-05
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 16

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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: Filtered	Grab	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N EPA_7470	07/29/96	0.17 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y EPA_6010	07/22/96	200 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y EPA_6010	07/22/96	27 ug/l	10 ug/l
01077	Silver: Filtered	Grab	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y EPA_6010	07/22/96	180 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N EPA_350_1	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/26/96	2.08 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/17/96	32.0 mg/l	10 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/16/96	0.98 NTU	0.02 NTU
01087	Vanadium	Grab	N EPA_6010	07/22/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

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

Sampling Date/Time:
Report Period: 1996/3rd Quarter
Well Purged (Y/N) NA
Well type: [] Background
[] Intermediate
[] Compliance
[] Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77651	EDB	NA	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N	EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N	EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N	EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	NA	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N	EPA 8260	07/18/96	<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 #: 96-07-244-06
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 18

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time:
Report Period: 1996/3rd 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
30217	Methylene bromide	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	NA	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Citrus County
Attn: Cathy Winter
Work ID: Central Landfill

Report Number: 96-07-244

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 *		
Barium	9607244-04	200	10.9	213.9	102	208.8	99	2	07/22/96	DM	85	111	11
Cadmium	9607244-04	100	<5.0	103.2	103	98.9	99	4	07/22/96	DM	83	116	10
Chromium	9607244-04	200	<10	206.5	103	197.3	99	5	07/22/96	DM	83	115	11
Nickel	9607244-04	200	<10	206.7	103	199.3	100	4	07/22/96	DM	88	117	11
Beryllium	9607244-04	100	<4.0	105.2	105	99.3	99	6	07/22/96	DM	87	115	10
Sodium	9607244-04	10000	11780	21400	96	21500	97	<1	07/22/96	DM	75	145	10
Aluminum	9607244-04	2000	<100	1920	96	1877	94	2	07/22/96	DM	64	155	18
Copper	9607244-04	200	13.6	210.5	99	205.0	96	3	07/22/96	DM	87	118	19
Iron	9607244-04	2000	<100	2026	101	1950	98	4	07/22/96	DM	79	121	13
Manganese	9607244-04	200	40.6	244.9	102	236.7	98	3	07/22/96	DM	85	119	9
Silver	9607244-04	200	<10	204.0	102	198.2	99	3	07/22/96	DM	88	111	10
Zinc	9607244-04	1000	193.5	1169	98	1132	94	3	07/22/96	DM	81	118	10
Arsenic	9607244-04	100	<5.0	101.9	102	100.5	101	1	07/22/96	DM	86	115	14
Lead	9607244-04	100	<5.0	102.2	102	99.3	99	3	07/22/96	DM	81	119	11
Selenium	9607244-04	100	<5.0	98.3	98	96.4	96	2	07/22/96	DM	86	120	13
Antimony	9607244-04	100	<5.0	98.4	98	96.0	96	2	07/22/96	DM	83	118	11
Thallium	9607244-04	100	<5.0	95.4	95	92.6	93	3	07/22/96	DM	83	112	13
Mercury	9607244-05	1.0	0.1717	1.1702	100	1.1562	99	1	07/29/96	JG	67	128	12
Nitrite	9607244-01	1.0	0.029	1.05	102	1.08	105	3	07/18/96	SS	61	136	4
Total Dissolve*	9607244-04		34.0		NA	34.0	NA	0	07/18/96	GP			14
Ammonia Nitrogen	9607302-03	1.0	<0.01	1.08	108	1.03	103	5	07/23/96	SS	42	119	11
Nitrate/Nitrite	9607217-01	1.0	0.04	0.96	92	0.97	93	1	07/26/96	SS	53	127	7
Chloride	9607244-02	10	2.9	12.9	100	13.3	104	3	07/29/96	SS	89	115	4

* 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: 7-17-1996
 EPA METHOD : 504/8011

LAB SAMPLE #: 9607244-1
 ANALYSIS DATE: 7-17-96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
Ethylene Dibromide	100	0	102	102	107	107	5
Dibromochloropropane	100	0	91.0	91	97.0	97	6

MATRIX SPIKE QUALITY CONTROL LIMITS

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

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

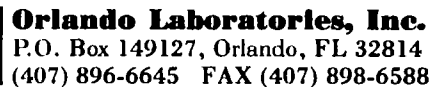
MATRIX : Water
REPORT DATE: 7-22-1996
EPA METHOD : 624/8260

LAB SAMPLE #: 9607244-1
ANALYSIS DATE: 7/18/96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethene	50	0	44.0	88	44.0	88	0
Trichloroethene	50	0	58.0	116	62.0	124	7
Benzene	50	0	52.0	104	51.0	102	2
Toluene	50	0	51.0	102	52.0	104	2
Chlorobenzene	50	0	57.0	114	57.0	114	0

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



CHAIN-OF-CUSTODY RECORD

(INSTRUCTIONS ON BACK)

Page 1 of 1[illegible]

OL-001 (8/93)

LAB

O R L A N D O (C) 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 # : 96-07-245
Date Received: 07/16/96
Report Due by: 07/31/96
OLI Contact: K_VAULT

Work ID: Central 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 Blank	Field Data for DER Samples GC/MS Vol Organics: Appx I Cobalt: Filtered	EDB/DBCP in Water Chloride Color: Field

AUG - 5 1996

Citrus County
Work ID: Central Landfill

Work Order # : 96-07-245
C o n t i n u e d

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

Respectfully Submitted,
ORLANDO LABORATORIES, INC.



Authorized Laboratory Signature

Orlando Laboratories, Inc.
Work Order 96-07-245

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-4	Field Data for DER Samples			
		Field pH	5.70	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Trichloroethylene	3	3.0	UG/L
		Secondary Chemical (ICAP)			
		Iron: Filtered	25000	300	UG/L
		Manganese: Filtered	130	50	UG/L
02A	MW-5	Field Data for DER Samples			
		Field pH	5.17	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Benzene	2	1.0	UG/L
		Methylene chloride	14	5.0	UG/L
		Vinyl Chloride	1	1.0	UG/L
		Secondary Chemical (ICAP)			
03A	MW-6	Field Data for DER Samples			
		Field pH	4.66	6.5-8.5	UNITS
		GC/MS Vol Organics:Appx 1			
		Bromodichloromethane	24	0.6	UG/L
		Bromoform	16	4.0	UG/L
		Chloroform	16	6.0	UG/L
		Dibromochloromethane	30	1.0	UG/L
		Inorganic Chemical (ICAP)			
		Sodium: Filtered	300	160	MG/L
		Secondary Chemical (ICAP)			
		Manganese: Filtered	90	50	UG/L
		Nitrogen: Nitrate	72.9	10	MG/L
		Total Dissolved Solids	810	500	MG/L

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

Order #: 96-07-245-01
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 #: 4009A17268
Well Name: MW-4
Classification of Groundwater: G-11

Ground Water Elevation (NGVD):
or (MSL): 7.72

Sampling Date/Time: 07/16/96 12:30:00
Report Period: 1996/3rd 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	Bailer	N	EPA_150_1	07/16/96	5.70 Units	NA Units
00010	Temperature	Bailer	N	EPA_170_1	07/16/96	24.5 ^C	NA ^C
00094	Conductivity	Bailer	N	EPA_120_1	07/16/96	185 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N	Tape_Measu	07/16/96	114.90 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N	EPA_360_1	07/16/96	3.9 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N	EPA_180_1	07/16/96	0.25 NTU	0.50 NTU
77651	EDB	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N	EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N	EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N	EPA 8260	07/18/96	5 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N	EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	4 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N	EPA 8260	07/18/96	3 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 #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N	EPA 8260	07/18/96	3 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	6.8 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y	VISUAL	07/16/96 12:30	Tan NA	NA NA
01007	Barium: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y	EPA_6010	07/22/96	4.8 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-245-01
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 #: 4009A17268
Well Name: MW-4

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N	EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y	EPA_6010	07/22/96	20 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y	EPA_6010	07/22/96	25000 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y	EPA_6010	07/22/96	130 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y	EPA_6010	07/22/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N	EPA_350_1	07/23/96	0.02 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.15 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/22/96	140 mg/l	10 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/16/96	61.0 NTU	0.02 NTU
01085	Vanadium: Filtered	Bailer	Y	EPA_6010	07/22/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96 13:50:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

Ground Water Elevation (NGVD):
or (MSL): 7.54

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Bailer	N EPA_150_1	07/16/96	5.17 Units	NA Units
00010	Temperature	Bailer	N EPA_170_1	07/16/96	23.8 ^C	NA ^C
00094	Conductivity	Bailer	N EPA_120_1	07/16/96	135 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N Tape Measu	07/16/96	113.60 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N EPA_360_1	07/16/96	1.7 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N EPA_180_1	07/16/96	3.6 NTU	0.50 NTU
77651	EDB	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N EPA 8260	07/18/96	2 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N EPA 8260	07/18/96	2 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	4 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N EPA 8260	07/18/96	3 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N	EPA 8260	07/18/96	14 ug/l	2.5 ug/l
77128	Styrene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N	EPA 8260	07/18/96	2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N	EPA 8260	07/18/96	1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N	EPA 8260	07/18/96	4 ug/l	2 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	17.4 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y	VISUAL	07/16/96 13:50	White NA	NA NA
01007	Barium: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y	EPA_6010	07/22/96	14 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-245-02
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 7

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N	EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y	EPA_6010	07/22/96	7000 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y	EPA_6010	07/22/96	39 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y	EPA_6010	07/22/96	65 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N	EPA_350_1	07/23/96	0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	2.09 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/22/96	112 mg/l	10 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/16/96	70.0 NTU	0.02 NTU
01085	Vanadium: Filtered	Bailer	Y	EPA_6010	07/22/96	<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

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

Sampling Date/Time: 07/16/96 14:20:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

Ground Water Elevation (NGVD):
or (MSL): 7.62

STORET Code	Parameter Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Bailer	N EPA_150_1	07/16/96	4.66 Units	NA Units
00010	Temperature	Bailer	N EPA_170_1	07/16/96	23.9 ^C	NA ^C
00094	Conductivity	Bailer	N EPA_120_1	07/16/96	1250 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N Tape_Measu	07/16/96	110.86 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N EPA_360_1	07/16/96	1.9 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N EPA_180_1	07/16/96	0.03 NTU	0.50 NTU
77651	EDB	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Bailer	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Bailer	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Bailer	N EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Bailer	N EPA 8260	07/18/96	24 ug/l	0.5 ug/l
32104	Bromoform	Bailer	N EPA 8260	07/18/96	16 ug/l	4 ug/l
77041	Carbon disulfide	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Bailer	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Bailer	N EPA 8260	07/18/96	16 ug/l	2 ug/l
32105	Dibromochloromethane	Bailer	N EPA 8260	07/18/96	30 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Bailer	N EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Bailer	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Bailer	N EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Bailer	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Bailer	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Bailer	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Bailer	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Bailer	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	200 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Bailer	Y	EPA_6010	07/22/96	11 ug/l	10 ug/l
NA081	Color, Field	Bailer	Y	VISUAL	07/16/96 14:20	White NA	NA NA
01007	Barium: Filtered	Bailer	Y	EPA_6010	07/22/96	120 ug/l	100 ug/l
01027	Cadmium: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Bailer	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Bailer	Y	EPA_6010	07/22/96	23 ug/l	10 ug/l
00929	Sodium: Filtered	Bailer	Y	EPA_6010	07/23/96	300 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Bailer	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Bailer	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Bailer	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l

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

Order #: 96-07-245-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 10

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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	Bailer	Y EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l
01002	Arsenic: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Bailer	Y EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	N EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Bailer	Y EPA_6010	07/22/96	180 ug/l	100 ug/l
01042	Copper: Filtered	Bailer	Y EPA_6010	07/22/96	15 ug/l	10 ug/l
01045	Iron: Filtered	Bailer	Y EPA_6010	07/22/96	260 ug/l	100 ug/l
01055	Manganese: Filtered	Bailer	Y EPA_6010	07/22/96	90 ug/l	10 ug/l
01077	Silver: Filtered	Bailer	Y EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Bailer	Y EPA_6010	07/22/96	140 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Bailer	N EPA_350_1	07/23/96	0.79 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N EPA_353_2	07/26/96	72.9 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Bailer	N EPA_160_1	07/22/96	810 mg/l	10 mg/l
01085	Vanadium: Filtered	Bailer	Y EPA_6010	07/22/96	<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

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: 07/16/96 10:50:00
 Report Period: 1996/3rd 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
00400	Field pH	Grab	N	EPA_150_1	07/16/96	8.20 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/16/96	28.8 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/16/96	<5.0 umhos/cm	5.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/16/96	4.8 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/16/96	0.05 NTU	0.50 NTU
77651	EDB	Grab	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	Grab	N	EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	Grab	N	EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	Grab	N	EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	Grab	N	EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77103	2-Hexanone	Grab	N	EPA 8260	07/18/96	<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 #: 96-07-245-04
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 12

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd 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
77596	Methyl bromide	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
30217	Methylene bromide	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	Grab	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	Grab	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	Grab	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	Grab	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	Grab	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	Grab	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/29/96	<1.0 mg/l	1.0 mg/l
01035	Cobalt: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
NA081	Color, Field	Grab	Y	VISUAL	07/16/96 10:50	Clear NA	NA NA
01007	Barium: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01027	Cadmium: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01034	Chromium: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01067	Nickel: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
00929	Sodium: Filtered	Grab	Y	EPA_6010	07/22/96	<1.0 mg/l	1.0 mg/l
01012	Beryllium: Filtered	Grab	Y	EPA_6010	07/22/96	<4.0 ug/l	4.0 ug/l
01051	Lead: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01097	Antimony: Filtered	Grab	Y	EPA_6010	07/22/96	<6.0 ug/l	6.0 ug/l
01059	Thallium: Filtered	Grab	Y	EPA_7841	07/22/96	<2.0 ug/l	2.0 ug/l

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

Order #: 96-07-245-04
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 13

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/16/96
Report Period: 1996/3rd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	Fid Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01002	Arsenic: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
01147	Selenium: Filtered	Grab	Y	EPA_6010	07/22/96	<5.0 ug/l	5.0 ug/l
71900	Mercury	Grab	N	EPA_7470	07/29/96	<0.10 ug/l	0.10 ug/l
01105	Aluminum: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01042	Copper: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01045	Iron: Filtered	Grab	Y	EPA_6010	07/22/96	<100 ug/l	100 ug/l
01055	Manganese: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01077	Silver: Filtered	Grab	Y	EPA_6010	07/22/96	<10 ug/l	10 ug/l
01092	Zinc: Filtered	Grab	Y	EPA_6010	07/22/96	<50 ug/l	50 ug/l
00610	Nitrogen: Ammonia	Grab	N	EPA_350_1	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/26/96	<0.02 mg/l	0.02 mg/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/23/96	152 mg/l	10 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/16/96	0.48 NTU	0.02 NTU
01085	Vanadium: Filtered	Grab	Y	EPA_6010	07/22/96	<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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: METHOD BLANK
 Classification of Groundwater: NA
 Ground Water Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time:
 Report Period: 1996/3rd Quarter
 Well Purged (Y/N) NA
 Well type: ☐ Background
☐ Intermediate
☐ Compliance
☐ Other

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
77651	EDB	NA	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
38760	DBCP	NA	N EPA_504_1	07/17/96	<0.02 ug/l	0.02 ug/l
81552	Acetone	NA	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
34215	Acrylonitrile	NA	N EPA 8260	07/18/96	<8 ug/l	8 ug/l
78124	Benzene	NA	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
73085	Bromochloromethane	NA	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32101	Bromodichloromethane	NA	N EPA 8260	07/18/96	<0.5 ug/l	0.5 ug/l
32104	Bromoform	NA	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
77041	Carbon disulfide	NA	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32102	Carbon tetrachloride	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34301	Chlorobenzene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34311	Chloroethane	NA	N EPA 8260	07/18/96	<5 ug/l	5 ug/l
32106	Chloroform	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
32105	Dibromochloromethane	NA	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34536	1,2-Dichlorobenzene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34571	1,4-Dichlorobenzene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77268	t-1,4-Dichloro-2-butene	NA	N EPA 8260	07/18/96	<350 ug/l	350 ug/l
34496	1,1-Dichloroethane	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34531	1,2-Dichloroethane	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34501	1,1-Dichloroethylene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77093	c-1,2-Dichloroethylene	NA	N EPA 8260	07/18/96	<3 ug/l	3 ug/l
34546	t-1,2-Dichloroethylene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34541	1,2-Dichloropropane	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34704	c-1,3-Dichloropropene	NA	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34699	t-1,3-Dichloropropene	NA	N EPA 8260	07/18/96	<1 ug/l	1 ug/l
34371	Ethylbenzene	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
77103	2-Hexanone	NA	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77596	Methyl bromide	NA	N EPA 8260	07/18/96	<2 ug/l	2 ug/l
34418	Methyl chloride	NA	N EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
81595	Methyl ethyl ketone	NA	N EPA 8260	07/18/96	<10 ug/l	10 ug/l
77424	Methyl iodide	NA	N EPA 8260	07/18/96	<4 ug/l	4 ug/l
78133	4-Methyl-2-pentanone	NA	N EPA 8260	07/18/96	<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 #: 96-07-245-05
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: 1996/3rd 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
			Y/N				
30217	Methylene bromide	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34423	Methylene chloride	NA	N	EPA 8260	07/18/96	<2.5 ug/l	2.5 ug/l
77128	Styrene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
77562	1,1,1,2-Tetrachloroethane	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA 8260	07/18/96	<0.2 ug/l	0.2 ug/l
34475	Tetrachloroethylene	NA	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
78131	Toluene	NA	N	EPA 8260	07/18/96	<5 ug/l	5 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA 8260	07/18/96	<3 ug/l	3 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
39180	Trichloroethylene	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l
34488	Trichlorofluoromethane	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77443	1,2,3-Trichloropropane	NA	N	EPA 8260	07/18/96	<4 ug/l	4 ug/l
77057	Vinyl Acetate	NA	N	EPA 8260	07/18/96	<10 ug/l	10 ug/l
39175	Vinyl Chloride	NA	N	EPA 8260	07/18/96	<1 ug/l	1 ug/l
81551	Xylene (total)	NA	N	EPA 8260	07/18/96	<2 ug/l	2 ug/l

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

Citrus County
Attn: Cathy Winter
Work ID: Central Landfill

Report Number: 96-07-245

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 *		
Barium	9607244-04	200	10.9	213.9	102	208.8	99	2	07/22/96	DM	85	111	11
Cadmium	9607244-04	100	<5.0	103.2	103	98.9	99	4	07/22/96	DM	83	116	10
Chromium	9607244-04	200	<10	206.5	103	197.3	99	5	07/22/96	DM	83	115	11
Nickel	9607244-04	200	<10	206.7	103	199.3	100	4	07/22/96	DM	88	117	11
Beryllium	9607244-04	100	<4.0	105.2	105	99.3	99	6	07/22/96	DM	87	115	10
Sodium	9607244-04	10000	11780	21400	96	21500	97	<1	07/22/96	DM	75	145	10
Aluminum	9607244-04	2000	<100	1920	96	1877	94	2	07/22/96	DM	64	155	18
Copper	9607244-04	200	13.6	210.5	99	205.0	96	3	07/22/96	DM	87	118	19
Iron	9607244-04	2000	<100	2026	101	1950	98	4	07/22/96	DM	79	121	13
Manganese	9607244-04	200	40.6	244.9	102	236.7	98	3	07/22/96	DM	85	119	9
Silver	9607244-04	200	<10	204.0	102	198.2	99	3	07/22/96	DM	88	111	10
Zinc	9607244-04	1000	193.5	1169	98	1132	94	3	07/22/96	DM	81	118	10
Arsenic	9607244-04	100	<5.0	101.9	102	100.5	101	1	07/22/96	DM	86	115	14
Lead	9607244-04	100	<5.0	102.2	102	99.3	99	3	07/22/96	DM	81	119	11
Selenium	9607244-04	100	<5.0	98.3	98	96.4	96	2	07/22/96	DM	86	120	13
Antimony	9607244-04	100	<5.0	98.4	98	96.0	96	2	07/22/96	DM	83	118	11
Thallium	9607244-04	100	<5.0	95.4	95	92.6	93	3	07/22/96	DM	83	112	13
Mercury	9607244-05	1.0	0.1717	1.1702	100	1.1562	99	1	07/29/96	JG	67	128	12
Nitrite	9607244-01	1.0	0.029	1.05	102	1.08	105	3	07/18/96	SS	61	136	4
Ammonia Nitrogen	9607302-03	1.0	<0.01	1.08	108	1.08	108	0	07/23/96	SS	42	119	11
Total Dissolve*	9607245-03		810		NA	790	NA	3	07/22/96	GP			14
Total Dissolve*	9607258-10		380		NA	396	NA	4	07/23/96	GP			14
Nitrate/Nitrite	9607244-02	1.0	0.03	0.96	93	0.95	92	1	07/26/96	SS	53	127	7
Chloride	9607244-02	10	2.9	12.9	100	13.3	104	3	07/29/96	SS	89	115	4

* 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: 7-18-1996
EPA METHOD : 504/8011

LAB SAMPLE #: 9607245-3
ANALYSIS DATE: 7-17-96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
Ethylene Dibromide	100	0	99.0	99	111	111	11 *
Dibromochloropropane	100	0	88.0	88	102	102	15 *

MATRIX SPIKE QUALITY CONTROL LIMITS

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

* Matrix spike RPD's were outside of QC limits due to matrix interference.

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

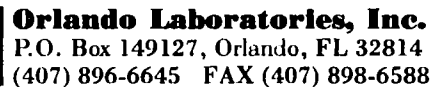
MATRIX : Water
REPORT DATE: 7-22-1996
EPA METHOD : 624/8260

LAB SAMPLE #: 9607244-1
ANALYSIS DATE: 7/18/96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethene	50	0	44.0	88	44.0	88	0
Trichloroethene	50	0	58.0	116	62.0	124	7
Benzene	50	0	52.0	104	51.0	102	2
Toluene	50	0	51.0	102	52.0	104	2
Chlorobenzene	50	0	57.0	114	57.0	114	0

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



(INSTRUCTIONS ON BACK)

Page 1 of 1

[illegible]

QL-001 (8/93)

LAB

O R L A N D O L A B S

Miami • Orlando • Atlanta • Raleigh

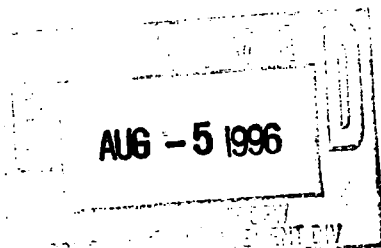
REPORT OF ANALYSIS

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

Work Order # : 96-07-272
Date Received: 07/17/96
Report Due by: 07/31/96
OLI Contact: K_VAULT

Work ID: Central Landfill
Samples collected by: OLI Field Team
Total Samples: 6

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



Citrus County
Work ID: Central Landfill

Work Order # : 96-07-272
C o n t i n u e d

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

Respectfully Submitted,
ORLANDO LABORATORIES, INC.



Authorized Laboratory Signature

Orlando Laboratories, Inc.
Work Order 96-07-272

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-AA	Field Data for DER Samples			
		Field pH	6.03	6.5-8.5	UNITS
		Purgeable Halocarbons			
		Vinyl chloride	2.0	1	UG/L
		Iron: Field Filtered	12000	300	UG/L
		Manganese: Field Filtered	3500	50	UG/L
		Field Turbidity	38	1	NTU
01B	MW-AA	Field Data for DER Samples			
		Field pH	6.03	6.5-8.5	UNITS
02A	MW-C	Field Turbidity	2.8	1	NTU
03A	MW-D	Manganese: Field Filtered	150	50	UG/L
		Field Turbidity	25	1	NTU
04A	MW-E	Purgeable Halocarbons			
		Vinyl chloride	2.0	1	UG/L
		Iron: Field Filtered	13000	300	UG/L
		Manganese: Field Filtered	1200	50	UG/L
		Field Turbidity	192	1	NTU

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

Order #: 96-07-272-01
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 #: 4009A17271
Well Name: MW-AA
Classification of Groundwater: G-II

Ground Water Elevation (NGVD):
or (MSL): 5.86

Sampling Date/Time: 07/17/96 14:13:00
Report Period: 1996/3rd 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	Bailer	N EPA_150_1	07/17/96	6.03 Units	NA Units
00010	Temperature	Bailer	N EPA_170_1	07/17/96	26.5 °C	NA °C
00094	Conductivity	Bailer	N EPA_120_1	07/17/96	650 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N Tape Measu	07/17/96	100.25 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N EPA_360_1	07/17/96	1.8 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N EPA_180_1	07/17/96	0.38 NTU	0.50 NTU
34418	Chloromethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Bailer	N EPA_601	07/22/96	2.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Bailer	N EPA_601	07/22/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Bailer	N EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l

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

Order #: 96-07-272-01
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 3

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96
Report Period: 1996/3rd 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
34536	1,2-Dichlorobenzene	Bailer	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Bailer	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_601	07/22/96	6.0 ug/l	1.0 ug/l
	CIS 1,2 DICHLOROETHENE	Bailer	N	EPA_601	07/22/96	3.0 ug/l	1.0 ug/l
78124	Benzene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_602	07/22/96	6.0 ug/l	1.0 ug/l
22417	MTBE	Bailer	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Bailer	Y	EPA_6010	07/23/96	6.8 ug/l	5.0 ug/l
00440	Bicarbonate	Bailer	N	EPA_SM2320B	07/25/96	428 mgHC03/l	2.4 mgHC03/l
01025	Cadmium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	7.0 mg/l	1.0 mg/l
NA081	Color, Field	Bailer	N	VISUAL	07/17/96 14:13	White NA	NA NA
01030	Chromium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Bailer	Y	EPA_6010	07/23/96	12000 ug/l	100 ug/l
71890	Mercury: Field Filtered	Bailer	Y	EPA_245_1	07/30/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Bailer	Y	EPA_6010	07/23/96	3500 ug/l	10 ug/l
00930	Sodium: Filtered	Bailer	Y	EPA_6010	07/23/96	7.4 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Bailer	N	EPA_DER_S0P	07/23/96	0.09 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.13 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/23/96	400 mg/l	10 mg/l
00680	Total Organic Carbon	Bailer	N	EPA_SM5310C	07/26/96	5.4 mg/l	1.0 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/17/96	38 NTU	0.02 NTU

T. Coli: Setup Date/Time: 07/17/96 16:50:00

Read Date/Time: 07/18/96 16:40:00

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

Order #: 96-07-272-01
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 #: 4009A17271
Well Name: MW-AA

Sampling Date/Time: 07/17/96
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES

STORET Parameter Code Monitored	Samp Meth	Fld Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
31501 Total Coliform	Bailer	N EPA_SM9222B	07/17/96 16:50	350 cfu/100ml	1 cfu/100m

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96 13:45:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

Ground Water Elevation (NGVD): _____
or (MSL): 6.23

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	07/17/96	7.60 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/17/96	27.6 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/17/96	210 umhos/cm	5.0 umhos/cm
72020	Water Level	Grab	N	Tape Measu	07/17/96	108.95 Feet	NA Feet
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/17/96	4.8 mg/l	0.5 mg/l
34418	Chloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	07/19/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l

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

Order #: 96-07-272-02
 Client: Citrus County

Orlando Laboratories, Inc.
 Report of Analysis for DER

Page: 6

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13196
 Well Name: MW-C

Sampling Date/Time: 07/17/96
 Report Period: 1996/3rd 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
34566	1,3-Dichlorobenzene	Grab	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
01105	Aluminum	Grab	N EPA_6010	07/23/96	<100 ug/l	100 ug/l
01002	Arsenic	Grab	N EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N EPA_SM2320B	07/25/96	113 mgHC03/l	2.4 mgHC03/l
01027	Cadmium	Grab	N EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N EPA_325_2	07/29/96	4.5 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N VISUAL	07/17/96 13:45	Clear NA	NA NA
01034	Chromium	Grab	N EPA_6010	07/23/96	<10 ug/l	10 ug/l
01045	Iron	Grab	N EPA_6010	07/23/96	160 ug/l	100 ug/l
71900	Mercury	Grab	N EPA_7470	07/30/96	<0.10 ug/l	0.10 ug/l
01055	Manganese	Grab	N EPA_6010	07/23/96	<10 ug/l	10 ug/l
00929	Sodium	Grab	N EPA_6010	07/23/96	2.6 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N EPA_DER_SOP	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N EPA_353_2	07/26/96	0.02 mg/l	0.02 mg/l
01051	Lead	Grab	N EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N EPA_160_1	07/23/96	108 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N EPA_SM5310C	07/26/96	<1.0 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N EPA_180_1	07/17/96	2.8 NTU	0.02 NTU

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96 13:17:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
Well type: ☐ Background
☐ Intermediate
☒ Compliance
☐ Other

Ground Water Elevation (NGVD):
or (MSL): 5.87

STORET Code	Parameter Monitored	Samp Meth	Fld Filt Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Bailer	N	EPA_150_1	07/17/96	7.52 Units	NA Units
00010	Temperature	Bailer	N	EPA_170_1	07/17/96	25.5 ^C	NA ^C
00094	Conductivity	Bailer	N	EPA_120_1	07/17/96	250 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N	Tape_Measu	07/17/96	103.90 Feet	NA Feet
00299	Dissolved Oxygen	Bailer	N	EPA_360_1	07/17/96	2.5 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Bailer	N	EPA_180_1	07/17/96	1.47 NTU	0.50 NTU
34418	Chloromethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Bailer	N	EPA_601	07/19/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l

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

Order #: 96-07-272-03
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 8

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96
Report Period: 1996/3rd 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
34536	1,2-Dichlorobenzene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Bailer	N	EPA_SM2320B	07/25/96	148 mgHC03/l	2.4 mgHC03/l
01025	Cadmium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	4.7 mg/l	1.0 mg/l
NA081	Color, Field	Bailer	N	VISUAL	07/17/96 13:17	Clear NA	NA NA
01030	Chromium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Bailer	Y	EPA_6010	07/23/96	190 ug/l	100 ug/l
71890	Mercury: Field Filtered	Bailer	Y	EPA_245_1	07/30/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Bailer	Y	EPA_6010	07/23/96	150 ug/l	10 ug/l
00930	Sodium: Filtered	Bailer	Y	EPA_6010	07/23/96	3.1 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Bailer	N	EPA_DER_SOP	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.08 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/23/96	148 mg/l	10 mg/l
00680	Total Organic Carbon	Bailer	N	EPA_SM5310C	07/26/96	2.5 mg/l	1.0 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/17/96	25 NTU	0.02 NTU

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

Order #: 96-07-272-04
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 9

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96 14:40:00
Report Period: 1996/3rd Quarter
Well Purged (Y/N) YES
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
00400	Field pH	Bailer	N EPA_150_1	07/17/96	6.57 Units	NA Units
00010	Temperature	Bailer	N EPA_170_1	07/17/96	26.3 °C	NA °C
00094	Conductivity	Bailer	N EPA_120_1	07/17/96	550 umhos/cm	5.0 umhos/cm
72020	Water Level	Bailer	N Tape_Measu	07/17/96	103.70 Feet	NA Feet
82078	Field Filtered Turbidity	Bailer	N EPA_180_1	07/17/96	0.61 NTU	0.50 NTU
34418	Chloromethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Bailer	N EPA_601	07/19/96	2.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Bailer	N EPA_601	07/19/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l

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

Order #: 96-07-272-04
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 10

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: MW-E

Sampling Date/Time: 07/17/96
Report Period: 1996/3rd 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
34566	1,3-Dichlorobenzene	Bailer	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_601	07/19/96	5.0 ug/l	1.0 ug/l
78124	Benzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	EPA_602	07/19/96	5.0 ug/l	1.0 ug/l
22417	MTBE	Bailer	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Bailer	Y	EPA_6010	07/23/96	20 ug/l	5.0 ug/l
00440	Bicarbonate	Bailer	N	EPA_SM2320B	07/25/96	449 mgHC03/l	2.4 mgHC03/l
01025	Cadmium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Bailer	N	EPA_325_2	07/29/96	5.4 mg/l	1.0 mg/l
NA081	Color, Field	Bailer	N	VISUAL	07/17/96 14:40	Tan/Brown NA	NA NA
01030	Chromium: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Bailer	Y	EPA_6010	07/23/96	13000 ug/l	100 ug/l
71890	Mercury: Field Filtered	Bailer	Y	EPA_245_1	07/30/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Bailer	Y	EPA_6010	07/23/96	1200 ug/l	10 ug/l
00930	Sodium: Filtered	Bailer	Y	EPA_6010	07/23/96	5.5 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Bailer	N	EPA_DER_SOP	07/23/96	0.13 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Bailer	N	EPA_353_2	07/26/96	0.15 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Bailer	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Bailer	N	EPA_160_1	07/23/96	410 mg/l	10 mg/l
00680	Total Organic Carbon	Bailer	N	EPA_SM5310C	07/26/96	3.6 mg/l	1.0 mg/l
82078	Field Turbidity	Bailer	N	EPA_180_1	07/17/96	192 NTU	0.02 NTU

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96 13:07:00
Report Period: 1996/3rd 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	Analysis Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00400	Field pH	Grab	N	EPA_150_1	07/17/96	6.77 Units	NA Units
00010	Temperature	Grab	N	EPA_170_1	07/17/96	33.0 ^C	NA ^C
00094	Conductivity	Grab	N	EPA_120_1	07/17/96	<5.0 umhos/cm	5.0 umhos/cm
00299	Dissolved Oxygen	Grab	N	EPA_360_1	07/17/96	6.2 mg/l	0.5 mg/l
82078	Field Filtered Turbidity	Grab	N	EPA_180_1	07/17/96	0.01 NTU	0.50 NTU
34418	Chloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	Grab	N	EPA_601	07/19/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l

Order #: 96-07-272-05
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 12

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 07/17/96
Report Period: 1996/3rd 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
34566	1,3-Dichlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_601	07/19/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	Grab	N	EPA_602	07/19/96	<1.0 ug/l	1.0 ug/l
01106	Aluminum: Field Filtered	Grab	Y	EPA_6010	07/23/96	<100 ug/l	100 ug/l
01000	Arsenic: Field Filtered	Grab	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00440	Bicarbonate	Grab	N	EPA_SM2320B	07/25/96	<2.4 mgHC03/l	2.4 mgHC03/l
01025	Cadmium: Field Filtered	Grab	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
00940	Chloride	Grab	N	EPA_325_2	07/29/96	<1.0 mg/l	1.0 mg/l
NA081	Color, Field	Grab	N	VISUAL	07/17/96 13:07	Clear NA	NA NA
01030	Chromium: Field Filtered	Grab	Y	EPA_6010	07/23/96	<10 ug/l	10 ug/l
01046	Iron: Field Filtered	Grab	Y	EPA_6010	07/23/96	<100 ug/l	100 ug/l
71890	Mercury: Field Filtered	Grab	Y	EPA_245_1	07/30/96	<0.10 ug/l	0.10 ug/l
01056	Manganese: Field Filtered	Grab	Y	EPA_6010	07/23/96	<10 ug/l	10 ug/l
00930	Sodium: Filtered	Grab	Y	EPA_6010	07/23/96	<1.0 mg/l	1.0 mg/l
83341	Nitrogen: Ammonium	Grab	N	EPA_DER_SOP	07/23/96	<0.01 mg/l	0.01 mg/l
00620	Nitrogen: Nitrate	Grab	N	EPA_353_2	07/26/96	<0.02 mg/l	0.02 mg/l
01049	Lead: Field Filtered	Grab	Y	EPA_6010	07/23/96	<5.0 ug/l	5.0 ug/l
70300	Total Dissolved Solids	Grab	N	EPA_160_1	07/23/96	<10 mg/l	10 mg/l
00680	Total Organic Carbon	Grab	N	EPA_SM5310C	07/26/96	2.1 mg/l	1.0 mg/l
82078	Field Turbidity	Grab	N	EPA_180_1	07/17/96	0.03 NTU	0.02 NTU

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: METHOD BLANK
Classification of Groundwater: NA
Ground Water Elevation (NGVD):
or (MSL): NA

Sampling Date/Time:
Report Period: 1996/3rd 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
34418	Chloromethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34413	Bromomethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
39175	Vinyl chloride	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34668	Dichlorodifluoromethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34423	Methylene chloride	NA	N	EPA_601	07/22/96	<4.0 ug/l	4.0 ug/l
34501	1,1-Dichloroethene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34496	1,1-Dichloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34546	t-1,2-Dichloroethene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32106	Chloroform	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32102	Carbon tetrachloride	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34699	t-1,3-Dichloropropene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
39180	Trichloroethene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32105	Dibromochloromethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34704	c-1,3-Dichloropropene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34576	2-Chloroethylvinylether	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
32104	Bromoform	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
	CIS 1,2 DICHLOROETHENE	NA	N	EPA_601	07/22/96	<1.0 ug/l	1.0 ug/l
78124	Benzene	NA	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
78131	Toluene	NA	N	EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l

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

Order #: 96-07-272-06
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 14

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: _____
Report Period: 1996/3rd Quarter
Well Purged (Y/N) NA

STORET Code	Parameter Monitored	Samp Meth	FId Analysis Filt Method Y/N	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
34301	Chlorobenzene	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
81551	Total Xylenes	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34566	1,3-Dichlorobenzene	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l
22417	MTBE	NA	N EPA_602	07/22/96	<1.0 ug/l	1.0 ug/l

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

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	9607272-01	2000	<100	1933	97	1910	96	1	07/23/96	DM	64	155	18
Arsenic	9607272-01	100	6.8	103.7	97	103.9	97	<1	07/23/96	DM	86	115	14
Cadmium	9607272-01	100	<5.0	93.7	94	93.5	94	<1	07/23/96	DM	83	116	10
Chromium	9607272-01	200	<10	189.2	95	189.5	95	<1	07/23/96	DM	83	115	11
Iron	9607272-01	2000	11530	13410	94	13260	87	1	07/23/96	DM	79	121	13
Manganese	9607272-01	200	3526	3701	88	3666	70	1	07/23/96	DM	85	119	9
Sodium	9607272-01	10000	7420	17380	100	17250	98	1	07/23/96	DM	75	145	10
Lead	9607272-01	100	<5.0	98.1	98	95.5	96	3	07/23/96	DM	81	119	11
Mercury	9607277-03	1.0	<0.10	1.0231	102	1.0632	106	4	07/30/96	JG	67	128	12
Total Coliform*	9607272-01		400		NA	300	NA	29	07/17/96	SP			28
Total Coliform*	9607272-01		400		NA	300	NA	29	07/17/96	SP			28
Nitrite	9607272-01	1.0	0.03	1.08	105	1.07	104	1	07/18/96	SS	61	136	4
Ammonia Nitroge	9607244-01	1.0	0.02	0.78	76	0.77	75	1	07/23/96	SS	42	119	11
Total Dissolve*	9607272-01		400		NA	392	NA	2	07/23/96	GP			14
Alkalinity	9607348-02	50	85.4	131	91	127	83	3	07/25/96	GP	77	106	7
Nitrate/Nitrite	9607274-01	1.0	<0.02	0.97	97	0.96	96	1	07/26/96	SS	53	127	7
Total Organic C	9607272-04	50	3.6	54.3	101	54.7	102	1	07/26/96	RAW	89	113	4
Chloride	9607245-01	10	6.8	16.9	101	16.8	100	1	07/29/96	SS	89	115	4

Parameter Sample # Case Narrative for 96-07-272

Manganese	QC	Spike recovery data out of QC limits due to high analyte concentration. (Concentration of spike was insignificant when compared to analyte concentration.)
Total Coliform*	QC	High relative percent difference (RPD) is due to low analyte concentration.
Total Coliform*	01	Total coliform was confirmed positive.

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

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water
REPORT DATE: 7-22-1996
EPA METHOD : 601/8010

LAB SAMPLE #: 9607328-01
ANALYSIS DATE: 7-22-96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
1,1-Dichloroethane	50	0	43.0	86	47.0	94	9
1,1,1-Trichloroethane	50	0	44.0	88	50.0	100	13
1,1,2,2-Tetrachloroethane	50	0	42.0	84	50.0	100	17

MATRIX SPIKE QUALITY CONTROL LIMITS

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

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

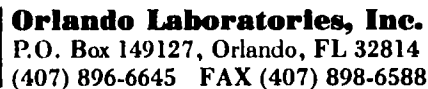
MATRIX : Water
 REPORT DATE: 7-22-1996
 EPA METHOD : 602/8020

LAB SAMPLE #: 9607328-01
 ANALYSIS DATE: 7-22-96

COMPOUND	AMOUNT SPIKED	SAMPLE RESULT	MS RESULT	MS % RECOVERY	MSD RESULT	MSD % RECOVERY	RPD
toluene	50	0	50.0	100	54.0	108	8
chlorobenzene	100	0	100	100	108	108	8
ethylbenzene	50	0	50.0	100	54.0	108	8

MATRIX SPIKE QUALITY CONTROL LIMITS

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



(INSTRUCTIONS ON BACK)

Page 1 of 1[illegible]

OL-001 (6/93)

LAB