



# Board of County Commissioners

## Department of Public Works

RECEIVED

MAR 27 1997

March 25, 1997

REPLY TO:

D E P

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

**RE: SEMI-ANNUAL GROUNDWATER MONITORING REPORT FOR THE CITRUS  
COUNTY CENTRAL LANDFILL - PERMIT NO. SO09-274381**

Dear Ms. Amram:

Enclosed please find the first semi-annual monitoring report for the Citrus County Central Landfill, together with the water level contour map.

Summary of exceedences of MCL's or guidance concentrations are as follows:

MW-R-1: pH, and Iron.  
MW-2: Iron - Note: Turbidity exceeded MCL on first sampling event due to filter failure.  
MW-3: pH - Note: Turbidity exceeded MCL on first sampling event due to filter failure.  
MW-6: pH, Benzene, Bromodichloromethane, Dibromochloromethane, Vinyl Chloride, Iron, and Nitrogen:Nitrate.  
MW-AA: pH, Turbidity, Vinyl Chloride and Iron.  
MW-B: pH and Turbidity.  
MW-C: Turbidity and Iron.  
MW-D: None.  
MW-E: Turbidity and Iron.

All exceedences are historic within the wells as indicated. The metal samples except for MW-B and MW-C were filtered.

**Administrative Office**

Post Office Box 440  
Lecanto, FL 34460  
(352) 746-2694  
Fax 746-3368

**Aquatics**

Post Office Box 440  
Lecanto, FL 34460  
(352) 746-2694  
Fax 746-9189

**Engineering**

Post Office Box 440  
Lecanto, FL 34460  
(352) 746-2694  
Fax 746-3368

**Road Maintenance**

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

**Solid Waste  
Management**

Post Office Box 340  
Lecanto, FL 34460  
(352) 746-5000  
Fax 527-1204

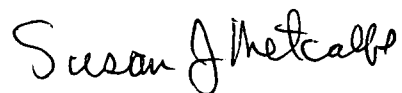
**Utilities**

Post Office Box 440  
Lecanto, FL 34460  
(352) 746-2694  
Fax 746-1676

Allison Amram,. P.G.  
Groundwater Monitoring Report  
March 25, 1997  
Page Two

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

Sincerely,

A handwritten signature in cursive script that reads "Susan J. Metcalfe".

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

SJM:CJW:cjw

CC: Chongman Lee - Solid Waste - Tallahassee  
Kenneth Saunders, Acting Director, Dept. Public Works

|                                           |
|-------------------------------------------|
| DEP Form # 62-522.600(11)                 |
| Form Title GROUND WATER MONITORING REPORT |
| Effective Date                            |
| DEP Application No.                       |

## Florida Department of Environmental Protection

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

## GROUND WATER MONITORING REPORT

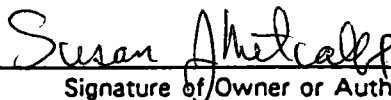
Rule 62-522.600(11)

## PART I GENERAL INFORMATION

(1) Facility Name CITRUS COUNTY CENTRAL -LANDFILLAddress 230 W. GULF-TO-LAKE HIGHWAYCity LECANTO, FLZip 34461Telephone Number ( 352 ) 746-5000(2) The GMS Identification Number 4009C00086(3) DEP Permit Number S009-274381 AND SF09-211030(4) Authorized Representative Name SUSAN J. METCALFEAddress P.O. BOX 340City LECANTO, FLZip 34460Telephone Number ( 352 ) 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: MARCH 25, 1997

Signature of Owner or Authorized Representative

## PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 860106GAnalytical Lab Comp QAP #/HRS Certification # 94224\*Comp QAP #/HRS Certification # 94333Lab Name ORLANDO LABORATORIES, INC.Address P. O. BOX 149127, ORLANDO, FL 32814Phone 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: \_\_\_\_\_

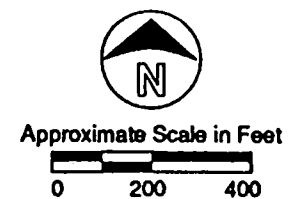
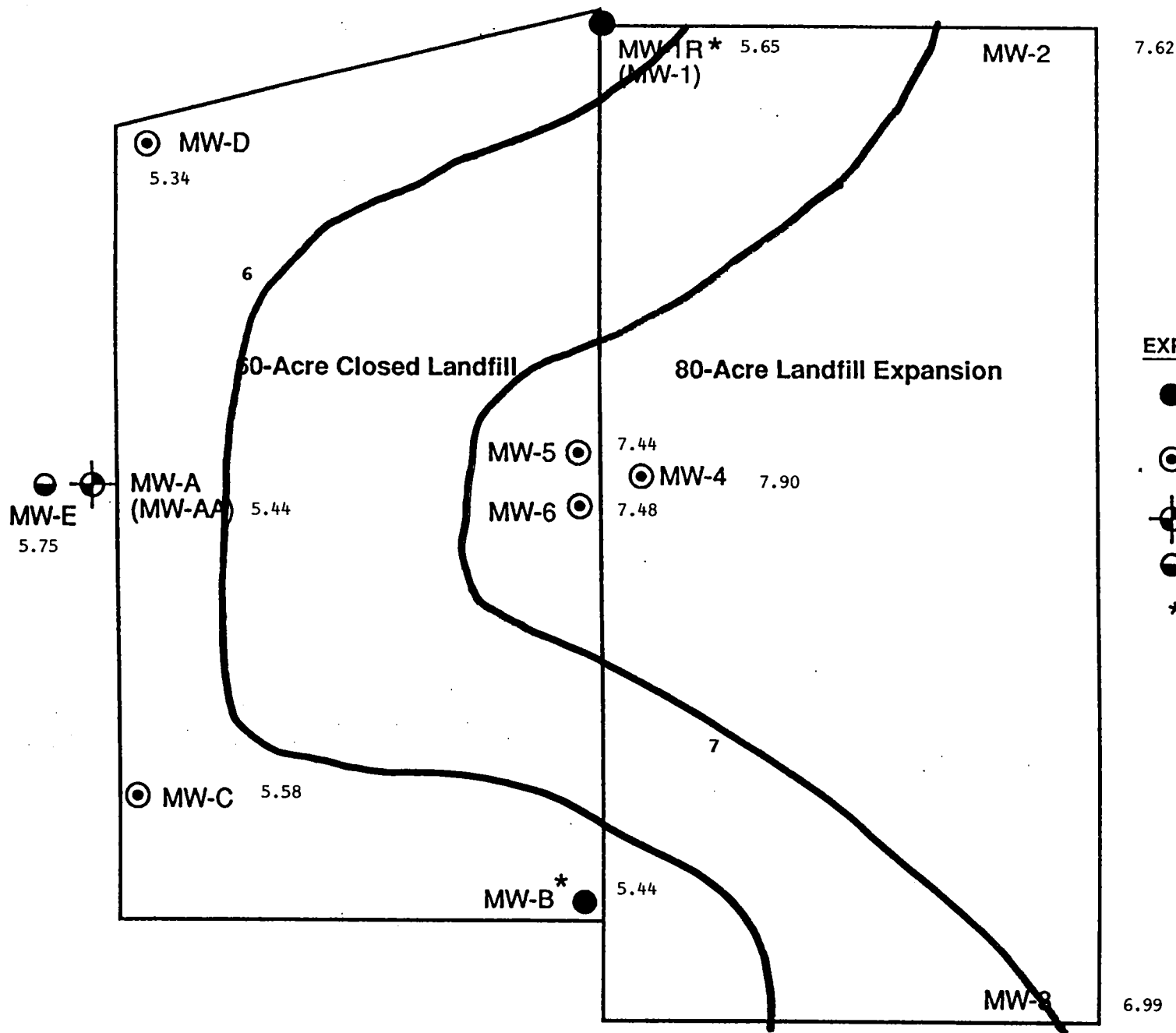
Well Type: (        ) Background  
(        ) Intermediate  
(        ) Compliance  
(        ) Other

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



#### EXPLANATION

- Existing Background (Upgradient) Wells
- ⊙ Existing Detection (Downgradient) Wells
- ⊕ Existing Compliance Well
- ⊖ Assessment Well
- \* Indicates Multiple Purpose Monitoring Well

## CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING

| DATE: JANUARY 15, 1997                           | MCL       |                |              |              |              |               | *            | *            |              |              |              | RESAMPLE     | RESAMPLE |
|--------------------------------------------------|-----------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| NOTE: MCL OR GC* UG/L UN-<br>LESS MG/L INDICATED | OR<br>GC* | WELL<br>MW-R-1 | WELL<br>MW-2 | WELL<br>MW-3 | WELL<br>MW-6 | WELL<br>MW-AA | WELL<br>MW-B | WELL<br>MW-C | WELL<br>MW-D | WELL<br>MW-E | WELL<br>MW-2 | WELL<br>MW-3 |          |
| FIELD PARAMETERS:                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
| STATIC WATER LEVEL, FT.                          |           | 112.6          | 128.67       | 113.48       | 111          | 100.67        | 106.4        | 109.6        | 104.43       | 104.13       | 128.7        | 113.55       |          |
| CONDUCTIVITY, UNHOS/CB                           |           | 205            | 30           | 25           | 600          | 750           | 58           | 191          | 240          | 700          | 18           | 25           |          |
| PH UNITS, FIELD                                  | 6.5-8.5   | 5.89           | 6.53         | 5.99         | 4.7          | 6.38          | 5.29         | 7.69         | 7.36         | 6.71         | 5.68         | 5.99         |          |
| DISSOLVED OXYGEN, MG/L                           |           | 3.1            | 6.8          | 8.5          | 2.7          | 2.3           | 4.5          | 6            | 2.5          | 2.8          | 8.8          | 5.2          |          |
| TURBIDITY, FIELD                                 | 1 NTU     | 9.7            | 15.55        | 29.9         | 17.4         | 7.59          | 1.3          | 4.49         | 15.05        | 21           | 10.67        | 58.8         |          |
| TURBIDITY, FIELD FILTERED                        | 1 NTU     | 0.34           | 1.19         | 18.6         | 3.2          | 4.56          |              |              | 0.18         | 4.72         | 0.26         | 0.19         |          |
| TEMPERATURE, DEG C                               |           | 20.6           | 21.5         | 18.1         | 21.9         | 24.1          | 17.8         |              | 23.5         | 23.8         | 22.3         | 21.7         |          |
| COLORS & SHEENS<br>(BY OBSERVATION)              |           | WHITE          | CLEAR        | TAN          | WHITE        | CLEAR         | CLEAR        | CLEAR        | RUST         | WHITE        | CLEAR        | TAN          |          |
| LABORATORY PARAMETERS:                           |           |                |              |              |              |               |              |              |              |              |              |              |          |
| ETHYLENE DIBROMIDE (EDB)                         | 0.02 <    | 0.02 <         | 0.02 <       | 0.02 <       | 0.02 <       | 0.02 <        | 0.02 <       | 0.02 <       | 0.02 <       | 0.02 <       |              | <            |          |
| DIBROMOCHLOROPROPANE                             | 0.02 <    | 0.02 <         | 0.02 <       | 0.02 <       | 0.02 <       | 0.02 <        | 0.02 <       | 0.02 <       | 0.02 <       | 0.02 <       |              | <            |          |
| ACETONE (DBCP)                                   | 700 <     | 10             | 61 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              | <            |          |
| ACRYLONITRILE                                    | *8 <      | 8 <            | 8 <          | 8 <          | 8 <          | 8 <           | 8 <          | 8 <          | 8 <          | 8 <          |              | <            |          |
| BENZENE                                          | 1 <       | 1 <            | 1 <          | 1            | 2            | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              | <            |          |
| BROMOCHLOROMETHANE                               | 100 <     | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| BROMODICHLOROMETHANE                             | *0.6 <    | 0.5 <          | 0.5 <        | 0.5          | 7 <          | 0.5 <         | 0.5 <        | 0.5 <        | 0.5 <        | 0.5 <        |              | <            |          |
| BROMOFORM                                        | *4 <      | 4 <            | 4 <          | 4 <          | 4 <          | 4 <           | 4 <          | 4 <          | 4 <          | 4 <          |              | <            |          |
| CARBON DISULFIDE                                 | 700 <     | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| CARBON TETRACHLORIDE                             | 3 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| CHLOROBENZENE                                    | 10 <      | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| CHLOROETHANE                                     | *140 <    | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| CHLOROFORM                                       | *6 <      | 2 <            | 2 <          | 2            | 6 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| DIBROMOCHLOROMETHANE                             | *7 <      | 1 <            | 1 <          | 1            | 9 <          | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              | <            |          |
| 1,2-DICHLOROBENZENE                              | 600 <     | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| 1,4-DICHLOROBENZENE                              | 75 <      | 2 <            | 2 <          | 2            | 2            | 10 <          | 2 <          | 2 <          | 2            | 7 <          |              | <            |          |
| T-1,4-DICHLORO-2-BUTENE                          |           | 100 <          | 100 <        | 100 <        | 100 <        | 100 <         | 100 <        | 100 <        | 100 <        | 100 <        |              | <            |          |
| 1,1-DICHLOROETHANE                               | *700 <    | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| 1,2-DICHLOROETHANE                               | 3 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| 1,1-DICHLOROETHYLENE                             | 7 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| C-1,2-DICHLOROETHYLENE                           | 100 <     | 3 <            | 3 <          | 3 <          | 3            | 4 <           | 3 <          | 3 <          | 3 <          | 3 <          |              | <            |          |
| T-1,2-DICHLOROETHYLENE                           | 100 <     | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| 1,2-DICHLOROPROPANE                              | 5 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |

## CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING

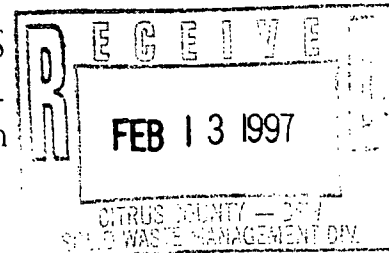
| DATE JANUARY 15, 1997                            | MCL       |                |              |              |              |               |              |              |              |              |              | RESAMPLE     | RESAMPLE |
|--------------------------------------------------|-----------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| NOTE: MCL OR GC* UG/L UN-<br>LESS MG/L INDICATED | OR<br>GC* | WELL<br>MW-R-1 | WELL<br>MW-2 | WELL<br>MW-3 | WELL<br>MW-6 | WELL<br>MW-AA | WELL<br>MW-B | WELL<br>MW-C | WELL<br>MW-D | WELL<br>MW-E | WELL<br>MW-2 | WELL<br>MW-3 |          |
| LABORATORY PARAMETERS:                           |           |                |              |              |              |               |              |              |              |              |              |              |          |
| C-1,3-DICHLOROPROPENE                            | 1 <       | 1 <            | 1 <          | 1 <          | 1 <          | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              |              |          |
| T-1,3-DICHLOROPROPENE                            | 1 <       | 1 <            | 1 <          | 1 <          | 1 <          | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              |              |          |
| ETHYLBENZENE                                     | 700 <     | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| 2-HEXANONE                                       | 10 <      | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              |              |          |
| METHYL BROMIDE                                   | *10 <     | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| METHYL CHLORIDE                                  | 5 <       | 2.5 <          | 2.5 <        | 2.5 <        | 2.5 <        | 2.5 <         | 2.5 <        | 2.5 <        | 2.5 <        | 2.5 <        |              |              |          |
| METHYL ETHYL KETONE                              | *4200 <   | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              |              |          |
| METHYL IODIDE                                    |           | 4 <            | 4 <          | 4 <          | 4 <          | 4 <           | 4 <          | 4 <          | 4 <          | 4 <          |              |              |          |
| 4-METHYL-2-PENTANONE                             | *350 <    | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              |              |          |
| METHYLENE BROMIDE                                |           | 1 <            | 1 <          | 1 <          | 1 <          | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              |              |          |
| METHYLENE CHLORIDE                               | 5 <       | 2.5 <          | 2.5 <        | 2.5 <        | 2.5 <        | 2.5 <         | 2.5 <        | 2.5 <        | 2.5 <        | 2.5 <        |              |              |          |
| STYRENE                                          | 100 <     | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| 1,1,1,2-TETRACHLOROETHANE                        | *1 <      | 1 <            | 1 <          | 1 <          | 1 <          | 1 <           | 1 <          | 1 <          | 1 <          | 1 <          |              |              |          |
| 1,1,2,2-TETRACHLOROETHANE                        | *0.2 <    | 0.2 <          | 0.2 <        | 0.2 <        | 0.2 <        | 0.2 <         | 0.2 <        | 0.2 <        | 0.2 <        | 0.2 <        |              |              |          |
| TETRACHLOROETHYLENE                              |           | 3 <            | 3 <          | 3 <          | 3 <          | 3 <           | 3 <          | 3 <          | 3 <          | 3 <          |              |              |          |
| TOLUENE                                          | 1000 <    | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              |              |          |
| 1,1,1-TRICHLOROETHANE                            | 200 <     | 3 <            | 3 <          | 3 <          | 3 <          | 3 <           | 3 <          | 3 <          | 3 <          | 3 <          |              |              |          |
| 1,1,2-TRICHLOROETHANE                            | 5 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| TRICHLOROETHYLENE                                | 3 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| TRICHLOROFLUOROMETHANE                           | *2100 <   | 4 <            | 4 <          | 4 <          | 4 <          | 4 <           | 4 <          | 4 <          | 4 <          | 4 <          |              |              |          |
| 1,2,3-TRICHLOROPROPANE                           | *42 <     | 4 <            | 4 <          | 4 <          | 4 <          | 4 <           | 4 <          | 4 <          | 4 <          | 4 <          |              |              |          |
| VINYL ACETATE                                    | 250 <     | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              |              |          |
| VINYL CHLORIDE                                   | 1 <       | 1 <            | 1 <          | 1 <          | 2            | 4 <           | 1 <          | 1 <          | 1 <          | 1 <          |              |              |          |
| XYLENE (TOTAL)                                   | 10000 <   | 2 <            | 2 <          | 2            | 4 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              |              |          |
| BARIIUM:FILTERED                                 | 2000      | 26 <           | 10 <         | 10           | 65           | 34 <          | 10 <         | 10           | 11           | 110 <        | 10 <         | 10           |          |
| CHLORIDE                                         | 250       | 9.4            | 1.6          | 2.6          | 122          | 7.8           | 4.5          | 3.8          | 4            | 4.7 <        |              |              |          |
| COBALT:FILTERED                                  |           | 20 <           | 10 <         | 10 <         | 10           | 25 <          | 10 <         | 10 <         | 10 <         | 10 <         | 10 <         | 10           |          |
| IRON: FIELD FILTERED, MG/L                       | 300       | 10000          | 430          | 130          | 310          | 12000         | 100          | 330          | 180          | 17000        | 240 <        | 100          |          |
| SODIUM: FILTERED, MG/L                           | 160       | 14             | 2.2          | 2.5          | 80           | 7             | 7            | 2.3          | 3.2          | 5            | 1.9          | 2.2          |          |
| NITROGEN:AMMONIA, MG/L                           |           | 0.15           | 0.05         | 0.04         | 2.12         | 0.51          | 0.01         | 0.08         | 0.04         | 0.38 <       |              |              |          |
| NITROGEN:NITRATE, MG/L                           | 10        | 0.13 <         | 0.02         | 0.05         | 19.3         | 0.17          | 1.98         | 0.03         | 0.03         | 0.18 <       |              |              |          |
| BERYLLIUM                                        | 4 <       | 4 <            | 4 <          | 4 <          | 4 <          | 4 <           | 4 <          | 4 <          | 4 <          | 4 <          |              |              |          |
| CADIUM                                           | 5 <       | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              |              |          |

## CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING

| DATE JANUARY 15, 1997                                                                                                                                          | MCL       |                |              |              |              |               |              |              |              |              |              | RESAMPLE     | RESAMPLE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| NOTE: MCL OR GC* UG/L UN-<br>LESS MG/L INDICATED                                                                                                               | OR<br>GC* | WELL<br>MW-R-1 | WELL<br>MW-2 | WELL<br>MW-3 | WELL<br>MW-6 | WELL<br>MW-AA | WELL<br>MW-B | WELL<br>MW-C | WELL<br>MW-D | WELL<br>MW-E | WELL<br>MW-2 | WELL<br>MW-3 |          |
| LABORATORY PARAMETERS:                                                                                                                                         |           |                |              |              |              |               |              |              |              |              |              |              |          |
| CHROMIUM                                                                                                                                                       | 100 <     | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              | <            |          |
| COPPER                                                                                                                                                         | 1000 <    | 10 <           | 10 <         | 10 <         | 21 <         | 10 <          | 10 <         | 17 <         | 10 <         | 10 <         |              | <            |          |
| NICKEL                                                                                                                                                         | 100 <     | 12 <           | 10 <         | 10 <         | 20 <         | 17 <          | 10 <         | 10 <         | 10 <         | 11 <         |              | <            |          |
| SILVER                                                                                                                                                         | 100 <     | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              | <            |          |
| ZINC                                                                                                                                                           | 5000 <    | 50 <           | 50 <         | 65 <         | 90 <         | 50 <          | 1700 <       | 50 <         | 75 <         | 50 <         |              | <            | 50       |
| ARSENIC                                                                                                                                                        | 50 <      | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 20 <         |              | <            |          |
| LEAD                                                                                                                                                           | 15 <      | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| ANTIMONY                                                                                                                                                       | 6 <       | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| SELENIUM                                                                                                                                                       | 50 <      | 5 <            | 5 <          | 5 <          | 5 <          | 5 <           | 5 <          | 5 <          | 5 <          | 5 <          |              | <            |          |
| THALLIUM                                                                                                                                                       | 2 <       | 2 <            | 2 <          | 2 <          | 2 <          | 2 <           | 2 <          | 2 <          | 2 <          | 2 <          |              | <            |          |
| MERCURY                                                                                                                                                        | 2 <       | 0.1 <          | 0.1 <        | 0.1 <        | 0.1 <        | 0.1 <         | 0.29 <       | 0.1 <        | 0.1 <        | 0.1 <        |              | <            |          |
| TDS, MG/L                                                                                                                                                      | 500       | 216            | 80           | 138          | 442          | 434           | 156          | 154          | 184          | 460          |              | <            |          |
| VANADIUM:FILTERED                                                                                                                                              | *49 <     | 10 <           | 10 <         | 10 <         | 10 <         | 10 <          | 10 <         | 10 <         | 10 <         | 10 <         |              | <            |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
| NOTE: MW-2 AND MW-3<br>RESAMPLED DUE TO FILTER<br>FAILURE DURING FIRST<br>SAMPLING EVENT 1/15/97<br>RESAMPLING EVENT 1/23/97<br>FOR PARAMETERS AS<br>INDICATED |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
| NOTE: *INDICATED UNFILTERED<br>SAMPLES                                                                                                                         |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |
|                                                                                                                                                                |           |                |              |              |              |               |              |              |              |              |              |              |          |

# ORLANDO LABS

Miami • Orlando • Atlanta • Raleigh



## REPORT OF ANALYSIS

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

Work Order # : 97-01-221  
Date Received: 01/17/97  
Report Due by: 01/31/97  
OLI Contact: K\_VAULT

RECEIVED  
MAR 27 1997  
DEP

Work ID: Semi-Annual Groundwater  
Samples collected by: OLI Field Team  
Total Samples: 7

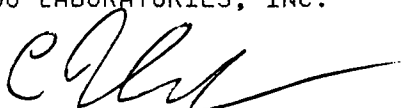
| <u>Sample Identification</u> | <u>Description of Analysis</u>                                                                                                                                       | <u>Description of Analysis</u>                                                                                               |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 01A MW-1R                    | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 02A MW-3                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 03A MW-6                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 04A MW-8                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal                                       | EDB/DBCP in Water<br>Barium<br>Cobalt<br>Sodium<br>Nitrogen: Nitrate<br>Total Dissolved Solids                               |

Citrus County  
Work ID: Semi-Annual Groundwater

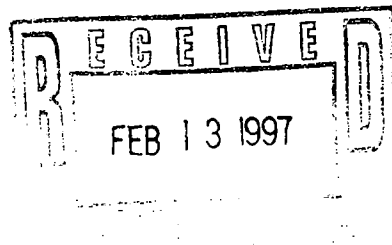
Work Order # : 97-01-221  
C o n t i n u e d

| <u>Sample Identification</u> | <u>Description of Analysis</u>                                                                                                                                       | <u>Description of Analysis</u>                                                                                               |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 04A MW-B                     | Vanadium                                                                                                                                                             |                                                                                                                              |
| 05A Equip Blank              | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 07A Method Blank             | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>QC for Wet Chemistry                                                                                      | EDB/DBCP in Water<br>QC for Metals                                                                                           |

Respectfully Submitted,  
ORLANDO LABORATORIES, INC.



Authorized Laboratory Signature



Orlando Laboratories, Inc.  
Work Order 97-01-221

Analytes Whose Results Exceed  
Maximum Guidance Contamination Levels

| <u>OLI</u><br><u>Number</u> | <u>Sample</u><br><u>Identification</u> | <u>Test/Analyte</u><br><u>Name</u> | <u>Result</u> | <u>MCL</u> | <u>Units</u> |
|-----------------------------|----------------------------------------|------------------------------------|---------------|------------|--------------|
| 01A                         | MW-1R                                  | Field Data for DER Samples         |               |            |              |
|                             |                                        | Field pH                           | 5.89          | 6.5-8.5    | UNITS        |
|                             |                                        | Iron: Field Filtered               | 10000         | 300        | UG/L         |
| 02A                         | MW-3                                   | Field Data for DER Samples         |               |            |              |
|                             |                                        | Field pH                           | 5.99          | 6.5-8.5    | UNITS        |
| 03A                         | MW-6                                   | Field Data for DER Samples         |               |            |              |
|                             |                                        | Field pH                           | 4.70          | 6.5-8.5    | UNITS        |
|                             |                                        | GC/MS Vol Organics:Appx I          |               |            |              |
|                             |                                        | Benzene                            | 2             | 1.0        | UG/L         |
|                             |                                        | Bromodichloromethane               | 7             | 0.6        | UG/L         |
|                             |                                        | Chloroform                         | 6             | 6.0        | UG/L         |
|                             |                                        | Dibromochloromethane               | 9             | 1.0        | UG/L         |
|                             |                                        | Vinyl Chloride                     | 2             | 1.0        | UG/L         |
|                             |                                        | Iron: Field Filtered               | 310           | 300        | UG/L         |
| 04A                         | MW-B                                   | Field Data for DER Samples         |               |            |              |
|                             |                                        | Field pH                           | 5.29          | 6.5-8.5    | UNITS        |
| 05A                         | Equip Blank                            | Field Data for DER Samples         |               |            |              |
|                             |                                        | Field pH                           | 9.23          | 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.

Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 112.60  
Total Depth (ft): 124.50  
Column Height (ft): 11.90  
Column Volume (gal): 1.94  
Evacuation (gal): NA  
Actual (gal): 1.6

Evacuation Method: Submersible

Sample Appearance

Tint: Light  
Color: White  
Turbidity: 0.34  
Odor: None

Environmental Conditions

Wind: 5-10 N  
Rain: None  
Air (°C): 12.5  
Atmosphere: Clear  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):             
or (MSL): 5.65

Sampling Date/Time: 01/17/97 11:50:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☒ Background  
☐ Intermediate  
☒ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Y/N | Analysis<br>Filt Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------|-------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N          | EPA_150_1               | 01/17/97              | <u>5.89</u> Units         | NA Units                  |
| 00010          | Temperature              | Bailer       | N          | EPA_170_1               | 01/17/97              | 20.6 °C                   | NA °C                     |
| 00094          | Conductivity             | Bailer       | N          | EPA_120_1               | 01/17/97              | 205 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N          | Tape Measu              | 01/17/97              | 112.60 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N          | EPA_360_1               | 01/17/97              | 3.1 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N          | EPA_180_1               | 01/17/97              | 0.34 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N          | EPA 8260                | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N          | EPA 8260                | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N          | EPA 8260                | 01/20/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N          | EPA 8260                | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N            | EPA 8260        | 01/20/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/20/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N            | EPA 8260        | 01/20/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N            | EPA 8260        | 01/20/97           | <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 #: 97-01-221-01  
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: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 01005          | Barium: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | 26 ug/l                   | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N           | EPA_325_2          | 01/21/97              | 9.4 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | 20 ug/l                   | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y           | EPA_6010           | 01/24/97              | 10000 ug/l                | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | 14 mg/l                   | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N           | EPA_350_1          | 01/27/97              | 0.15 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N           | EPA_353_2          | 01/22/97              | 0.13 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N           | EPA_6010           | 01/24/97              | 12 ug/l                   | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N           | EPA_6010           | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N           | EPA_7470           | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N           | EPA_160_1          | 01/21/97              | 216 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y           | EPA_6010           | 01/24/97              | <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

Well Specifications

Diameter (in): 2  
Water Level (ft): 113.48  
Total Depth (ft): 118.55  
Column Height (ft): 5.07  
Column Volume (gal): 0.83  
Evacuation (gal): NA  
Actual (gal): 1.5

Evacuation Method: Submersible

Sample Appearance

Tint: Light  
Color: Tan  
Turbidity: 18.6  
Odor: None

Environmental Conditions

Wind: 5-10 N  
Rain: None  
Air (^C): 8.7  
Atmosphere: Clear  
Other: NA

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): 6.99

Sampling Date/Time: 01/17/97 10:15:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☒ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N           | EPA_150_1          | 01/17/97              | 5.99 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N           | EPA_170_1          | 01/17/97              | 18.1 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Bailer       | N           | EPA_120_1          | 01/17/97              | 25 umhos/cm               | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N           | Tape Measu         | 01/17/97              | 113.48 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N           | EPA_360_1          | 01/17/97              | 8.5 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N           | EPA_180_1          | 01/17/97              | 18.6 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N           | EPA_504_1          | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N           | EPA_504_1          | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N           | EPA 8260           | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N           | EPA 8260           | 01/20/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N           | EPA 8260           | 01/20/97              | <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 #: 4009A15910  
Well Name: MW-3

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N            | EPA 8260        | 01/20/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/20/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N            | EPA 8260        | 01/20/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N            | EPA 8260        | 01/20/97           | <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 #: 97-01-221-02  
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 #: 4009A15910  
Well Name: MW-3

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 01005          | Barium: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N EPA_325_2                        | 01/21/97              | 2.6 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y EPA_6010                         | 01/24/97              | 130 ug/l                  | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | 2.5 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N EPA_350_1                        | 01/27/97              | 0.04 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N EPA_353_2                        | 01/22/97              | 0.05 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N EPA_6010                         | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N EPA_6010                         | 01/24/97              | 65 ug/l                   | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N EPA_6010                         | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N EPA_7470                         | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N EPA_160_1                        | 01/21/97              | 138 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y EPA_6010                         | 01/24/97              | <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

Well Specifications

Diameter (in): 2  
Water Level (ft): 111.00  
Total Depth (ft): 122.45  
Column Height (ft): 11.45  
Column Volume (gal): 1.87  
Evacuation (gal): NA  
Actual (gal): 3.0

Evacuation Method: Submersible

Sample Appearance

Tint: Light  
Color: White  
Turbidity: 3.20  
Odor: Light

Environmental Conditions

Wind: 5-10 N  
Rain: None  
Air (°C): 10.0  
Atmosphere: Clear  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):             
or (MSL): 7.48

Sampling Date/Time: 01/17/97 11:15:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☐ Background  
☐ Intermediate  
☒ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N EPA_150_1                        | 01/17/97              | 4.70 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N EPA_170_1                        | 01/17/97              | 21.9 °C                   | NA °C                     |
| 00094          | Conductivity             | Bailer       | N EPA_120_1                        | 01/17/97              | 600 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N Tape Measu                       | 01/17/97              | 111.00 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N EPA_360_1                        | 01/17/97              | 2.7 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N EPA_180_1                        | 01/17/97              | 3.20 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N EPA_504_1                        | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N EPA_504_1                        | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N EPA 8260                         | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N EPA 8260                         | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N EPA 8260                         | 01/20/97              | 2 ug/l                    | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N EPA 8260                         | 01/20/97              | 7 ug/l                    | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N EPA 8260                         | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N EPA 8260                         | 01/20/97              | 6 ug/l                    | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N EPA 8260                         | 01/20/97              | 9 ug/l                    | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N EPA 8260                         | 01/20/97              | <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: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 34571          | 1,4-Dichlorobenzene       | Bailer       | N           | EPA 8260           | 01/20/97              | 2 ug/l                    | 2 ug/l                    |
| 77268          | t-1,4-Dichloro-2-butene   | Bailer       | N           | EPA 8260           | 01/20/97              | <100 ug/l                 | 100 ug/l                  |
| 34496          | 1,1-Dichloroethane        | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34531          | 1,2-Dichloroethane        | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34501          | 1,1-Dichloroethylene      | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77093          | c-1,2-Dichloroethylene    | Bailer       | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 34546          | t-1,2-Dichloroethylene    | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | Bailer       | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | Bailer       | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | Bailer       | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | Bailer       | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | Bailer       | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | Bailer       | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | Bailer       | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | Bailer       | N           | EPA 8260           | 01/20/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | Bailer       | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | Bailer       | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | Bailer       | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | Bailer       | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | Bailer       | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | Bailer       | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | Bailer       | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | Bailer       | N           | EPA 8260           | 01/20/97              | 2 ug/l                    | 1 ug/l                    |
| 81551          | Xylene (total)            | Bailer       | N           | EPA 8260           | 01/20/97              | 4 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 #: 97-01-221-03  
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: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|---------------------------|-----------------------|---------------------------|---------------------------|
| 01005          | Barium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 65 ug/l                   | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N           | EPA_325_2                 | 01/21/97              | 122 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y           | EPA_6010                  | 01/24/97              | 310 ug/l                  | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/27/97              | 80 mg/l                   | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N           | EPA_350_1                 | 01/27/97              | 2.12 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N           | EPA_353_2                 | 01/22/97              | 19.3 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N           | EPA_6010                  | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N           | EPA_6010                  | 01/24/97              | 21 ug/l                   | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N           | EPA_6010                  | 01/24/97              | 20 ug/l                   | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N           | EPA_6010                  | 01/24/97              | 90 ug/l                   | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N           | EPA_7470                  | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N           | EPA_160_1                 | 01/21/97              | 442 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y           | EPA_6010                  | 01/24/97              | <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

Well Specifications  
Diameter (in): 2  
Water Level (ft): 106.40  
Total Depth (ft): 122.00  
Column Height (ft): 15.60  
Column Volume (gal): 10.19  
Evacuation (gal): NA  
Actual (gal): 14.0

Evacuation Method: NA

Sample Appearance  
Tint: None  
Color: Clear  
Turbidity: 1.30  
Odor: None

Environmental Conditions  
Wind: 5-10 N  
Rain: None  
Air (^C): 10.9  
Atmosphere: Clear  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):  
or (MSL): 5.54

Sampling Date/Time: 01/17/97 12:25:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH               | Grab         | N EPA_150_1                        | 01/17/97              | 5.29 Units                | NA Units                  |
| 00010          | Temperature            | Grab         | N EPA_170_1                        | 01/17/97              | 17.8 ^C                   | NA ^C                     |
| 00094          | Conductivity           | Grab         | N EPA_120_1                        | 01/17/97              | 58 umhos/cm               | 5.0 umhos/cm              |
| 72020          | Water Level            | Grab         | N Tape_Measu                       | 01/17/97              | 106.40 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen       | Grab         | N EPA_360_1                        | 01/17/97              | 4.5 mg/l                  | 0.5 mg/l                  |
| 77651          | EDB                    | Grab         | N EPA_504_1                        | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                   | Grab         | N EPA_504_1                        | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                | Grab         | N EPA 8260                         | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile          | Grab         | N EPA 8260                         | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                | Grab         | N EPA 8260                         | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane     | Grab         | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane   | Grab         | N EPA 8260                         | 01/20/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform              | Grab         | N EPA 8260                         | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide       | Grab         | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride   | Grab         | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene          | Grab         | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane           | Grab         | N EPA 8260                         | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform             | Grab         | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane   | Grab         | N EPA 8260                         | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene    | Grab         | N EPA 8260                         | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34571          | 1,4-Dichlorobenzene    | Grab         | N EPA 8260                         | 01/20/97              | <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 #: 4009A13195  
Well Name: W-B

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 77268          | t-1,4-Dichloro-2-butene   | Grab         | N           | EPA 8260           | 01/20/97              | <100 ug/l                 | 100 ug/l                  |
| 34496          | 1,1-Dichloroethane        | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34531          | 1,2-Dichloroethane        | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34501          | 1,1-Dichloroethylene      | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77093          | c-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 34546          | t-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | Grab         | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | Grab         | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | Grab         | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | Grab         | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | Grab         | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | Grab         | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | Grab         | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/20/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | Grab         | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | Grab         | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | Grab         | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | Grab         | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | Grab         | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | Grab         | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | Grab         | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 81551          | Xylene (total)            | Grab         | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 01007          | Barium                    | Grab         | N           | EPA 6010           | 01/24/97              | <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: W-B

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 00940          | Chloride               | Grab         | N           | EPA_325_2          | 01/21/97              | 4.5 mg/l                  | 1.0 mg/l                  |
| 01037          | Cobalt                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01045          | Iron                   | Grab         | N           | EPA_6010           | 01/24/97              | 100 ug/l                  | 100 ug/l                  |
| 00929          | Sodium                 | Grab         | N           | EPA_6010           | 01/24/97              | 7.0 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Grab         | N           | EPA_350_1          | 01/27/97              | 0.01 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Grab         | N           | EPA_353_2          | 01/22/97              | 1.98 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Grab         | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Grab         | N           | EPA_6010           | 01/24/97              | 1700 ug/l                 | 50 ug/l                   |
| 01002          | Arsenic                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Grab         | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Grab         | N           | EPA_7470           | 01/24/97              | 0.29 ug/l                 | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Grab         | N           | EPA_160_1          | 01/21/97              | 156 mg/l                  | 10 mg/l                   |
| 01087          | Vanadium               | Grab         | N           | EPA_6010           | 01/24/97              | <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 #: 97-01-221-05  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 14

Citrus County Landfill

Well Specifications

Diameter (in): NA  
Water Level (ft): NA  
Total Depth (ft): NA  
Column Height (ft): NA  
Column Volume (gal): NA  
Evacuation (gal): NA  
Actual (gal): NA

Evacuation Method: NA

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 0.05  
Odor: None

Environmental Conditions

Wind: 15-20 N  
Rain: None  
Air (^C): 9.1  
Atmosphere: Clear  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

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

Sampling Date/Time: 01/17/97 10:00:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Y/N | Analysis<br>Filt Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------|-------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Grab         | N          | EPA_150_1               | 01/17/97              | 9.23 Units                | NA Units                  |
| 00010          | Temperature              | Grab         | N          | EPA_170_1               | 01/17/97              | 7.5 ^C                    | NA ^C                     |
| 00094          | Conductivity             | Grab         | N          | EPA_120_1               | 01/17/97              | <5.0 umhos/cm             | 5.0 umhos/cm              |
| 00299          | Dissolved Oxygen         | Grab         | N          | EPA_360_1               | 01/17/97              | 9.1 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Grab         | N          | EPA_180_1               | 01/17/97              | 0.05 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Grab         | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Grab         | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Grab         | N          | EPA 8260                | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Grab         | N          | EPA 8260                | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Grab         | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Grab         | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Grab         | N          | EPA 8260                | 01/20/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Grab         | N          | EPA 8260                | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Grab         | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Grab         | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Grab         | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Grab         | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Grab         | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Grab         | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Grab         | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34571          | 1,4-Dichlorobenzene      | Grab         | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 77268       | t-1,4-Dichloro-2-butene   | Grab      | N            | EPA 8260        | 01/20/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Grab      | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Grab      | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Grab      | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Grab      | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Grab      | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Grab      | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Grab      | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Grab      | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Grab      | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Grab      | N            | EPA 8260        | 01/20/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Grab      | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Grab      | N            | EPA 8260        | 01/20/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Grab      | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Grab      | N            | EPA 8260        | 01/20/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Grab      | N            | EPA 8260        | 01/20/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Grab      | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Grab      | N            | EPA 8260        | 01/20/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Grab      | N            | EPA 8260        | 01/20/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Grab      | N            | EPA 8260        | 01/20/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Grab      | N            | EPA 8260        | 01/20/97           | <2 ug/l                | 2 ug/l                 |
| 01005       | Barium: Filtered          | Grab      | Y            | EPA_6010        | 01/24/97           | <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

Sampling Date/Time: 01/17/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 00940          | Chloride               | Grab         | N           | EPA_325_2          | 01/21/97              | <1.0 mg/l                 | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Grab         | Y           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Grab         | Y           | EPA_6010           | 01/24/97              | <100 ug/l                 | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Grab         | Y           | EPA_6010           | 01/24/97              | <1.0 mg/l                 | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Grab         | N           | EPA_350_1          | 01/27/97              | <0.01 mg/l                | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Grab         | N           | EPA_353_2          | 01/22/97              | <0.02 mg/l                | 0.02 mg/l                 |
| 01012          | Beryllium              | Grab         | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Grab         | N           | EPA_6010           | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Grab         | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Grab         | N           | EPA_7470           | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Grab         | N           | EPA_160_1          | 01/21/97              | <10 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Grab         | Y           | EPA_6010           | 01/24/97              | <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

Well Specifications

Diameter (in): NA  
Water Level (ft): NA  
Total Depth (ft): NA  
Column Height (ft): NA  
Column Volume (gal): NA  
Evacuation (gal): NA  
Actual (gal): NA

Evacuation Method: NA

Sample Appearance

Tint: NA  
Color: NA  
Turbidity: NA  
Odor: NA

Environmental Conditions

Wind: NA  
Rain: NA  
Air (°C): NA  
Atmosphere: NA  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 1997/1st Quarter  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

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

| STORET<br>Code | Parameter<br>Monitored  | Samp<br>Meth | Fld<br>Y/N | Analysis<br>Filt Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|-------------------------|--------------|------------|-------------------------|-----------------------|---------------------------|---------------------------|
| 77651          | EDB                     | NA           | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                    | NA           | N          | EPA_504_1               | 01/24/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                 | NA           | N          | EPA 8260                | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile           | NA           | N          | EPA 8260                | 01/20/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                 | NA           | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane      | NA           | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane    | NA           | N          | EPA 8260                | 01/20/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform               | NA           | N          | EPA 8260                | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide        | NA           | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride    | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene           | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane            | NA           | N          | EPA 8260                | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform              | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane    | NA           | N          | EPA 8260                | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene     | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34571          | 1,4-Dichlorobenzene     | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77268          | t-1,4-Dichloro-2-butene | NA           | N          | EPA 8260                | 01/20/97              | <100 ug/l                 | 100 ug/l                  |
| 34496          | 1,1-Dichloroethane      | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34531          | 1,2-Dichloroethane      | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34501          | 1,1-Dichloroethylene    | NA           | N          | EPA 8260                | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77093          | c-1,2-Dichloroethylene  | NA           | N          | EPA 8260                | 01/20/97              | <3 ug/l                   | 3 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

Sampling Date/Time: \_\_\_\_\_  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 34546          | t-1,2-Dichloroethylene    | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | NA           | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | NA           | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | NA           | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | NA           | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | NA           | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | NA           | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | NA           | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | NA           | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | NA           | N           | EPA 8260           | 01/20/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | NA           | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | NA           | N           | EPA 8260           | 01/20/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | NA           | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | NA           | N           | EPA 8260           | 01/20/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | NA           | N           | EPA 8260           | 01/20/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | NA           | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | NA           | N           | EPA 8260           | 01/20/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | NA           | N           | EPA 8260           | 01/20/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | NA           | N           | EPA 8260           | 01/20/97              | <1 ug/l                   | 1 ug/l                    |
| 81551          | Xylene (total)            | NA           | N           | EPA 8260           | 01/20/97              | <2 ug/l                   | 2 ug/l                    |

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

Quality Control Data Sheets

| Parameter       | OLI<br>Sample # | Amt<br>Spike | Sample<br>Result | MS<br>Result | MS<br>%Rec | MSD or<br>Duplicate<br>Result | MSD<br>%Rec | RPD | Analysis<br>Date | Analyst | * QC Limits * |     |    |
|-----------------|-----------------|--------------|------------------|--------------|------------|-------------------------------|-------------|-----|------------------|---------|---------------|-----|----|
| Barium          | 9701222-01      | 400          | 154.4            | 540.5        | 97         | 531.4                         | 94          | 2   | 01/24/97         | DM      | 85            | 111 | 11 |
| Cobalt          | 9701222-01      | 400          | <10              | 394.2        | 99         | 380.9                         | 95          | 3   | 01/24/97         | DM      | 84            | 118 | 10 |
| Sodium          | 9701222-01      | 20000        | 81830            | 106100       | 121        | 104700                        | 114         | 1   | 01/24/97         | DM      | 75            | 145 | 10 |
| Vanadium        | 9701222-01      | 400          | <10              | 388.8        | 97         | 378.2                         | 95          | 3   | 01/24/97         | DM      | 85            | 118 | 10 |
| Iron            | 9701222-01      | 4000         | 3981             | 7813         | 96         | 7681                          | 93          | 2   | 01/24/97         | DM      | 79            | 121 | 13 |
| Beryllium       | 9701222-01      | 200          | <4.0             | 201.7        | 101        | 193.4                         | 97          | 4   | 01/24/97         | DM      | 87            | 115 | 10 |
| Cadmium         | 9701222-01      | 200          | 25.1             | 214.4        | 95         | 208.4                         | 92          | 3   | 01/24/97         | DM      | 83            | 116 | 10 |
| Chromium        | 9701222-01      | 400          | 98.1             | 483.0        | 96         | 469.5                         | 93          | 3   | 01/24/97         | DM      | 83            | 115 | 11 |
| Copper          | 9701222-01      | 400          | 225.7            | 608.6        | 96         | 611.6                         | 97          | <1  | 01/24/97         | DM      | 87            | 118 | 19 |
| Nickel          | 9701222-01      | 400          | 42.7             | 420.8        | 95         | 407.6                         | 91          | 3   | 01/24/97         | DM      | 88            | 117 | 11 |
| Silver          | 9701222-01      | 400          | <10              | 393.0        | 98         | 383.8                         | 96          | 2   | 01/24/97         | DM      | 88            | 111 | 10 |
| Zinc            | 9701222-01      | 2000         | 184.3            | 1978         | 90         | 1923                          | 87          | 3   | 01/24/97         | DM      | 81            | 118 | 10 |
| Arsenic         | 9701222-01      | 200          | 9.4              | 206.6        | 99         | 198.8                         | 95          | 4   | 01/24/97         | DM      | 86            | 115 | 14 |
| Lead            | 9701222-01      | 200          | 160.5            | 341.7        | 91         | 341.8                         | 91          | <1  | 01/24/97         | DM      | 81            | 119 | 11 |
| Selenium        | 9701222-01      | 200          | <5.0             | 175.3        | 88         | 176.3                         | 88          | 1   | 01/24/97         | DM      | 86            | 120 | 13 |
| Antimony        | 9701222-01      | 200          | <5.0             | 193.3        | 97         | 187.3                         | 94          | 3   | 01/24/97         | DM      | 83            | 118 | 11 |
| Thallium        | 9701222-01      | 200          | <5.0             | 190.9        | 96         | 186.4                         | 93          | 2   | 01/24/97         | DM      | 83            | 112 | 13 |
| Mercury         | 9701221-04      | 1.0          | 0.2897           | 1.3129       | 102        | 1.3551                        | 107         | 3   | 02/03/97         | JG      | 67            | 128 | 12 |
| Chloride        | 9701213-01      | 10           | 26.4             | 35.2         | 88         | 34.8                          | 84          | 1   | 01/21/97         | GP      | 89            | 115 | 4  |
| Nitrite         | 9701221-01      | 1.0          | <0.02            | 0.99         | 99         | 0.99                          | 99          | 0   | 01/18/97         | GP      | 61            | 136 | 4  |
| Nitrate/Nitrite | 9701209-01      | 1.0          | <0.02            | 0.91         | 91         | 0.91                          | 91          | 0   | 01/22/97         | GP      | 53            | 127 | 7  |
| Total Dissolve  | *9701234-02     |              | 762              |              | NA         | 804                           | NA          | 5   | 01/21/97         | SL      |               |     | 14 |
| Ammonia Nitroge | 9701221-01      | 1.0          | 0.15             | 1.28         | 113        | 1.20                          | 105         | 6   | 01/27/97         | GP      | 42            | 119 | 11 |

| Parameter | Sample # | Case Narrative for 97-01-221 |
|-----------|----------|------------------------------|
|-----------|----------|------------------------------|

|          |     |                                                                                                                    |
|----------|-----|--------------------------------------------------------------------------------------------------------------------|
| Chloride | 1-5 | Spike recovery out of QC limits due to matrix interference.<br>A blank spike was analyzed and the recovery was 98. |
|----------|-----|--------------------------------------------------------------------------------------------------------------------|

\* 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: 1-27-1997  
EPA METHOD : 504/8011

LAB SAMPLE #: 9701221-2  
ANALYSIS DATE: 01/24/97

| COMPOUND             | AMOUNT<br>SPIKED | SAMPLE<br>RESULT | MS<br>RESULT | MS %<br>RECOVERY | MSD<br>RESULT | MSD %<br>RECOVERY | RPD |
|----------------------|------------------|------------------|--------------|------------------|---------------|-------------------|-----|
| Ethylene Dibromide   | 0.86             | 0.00             | 0.91         | 107              | 0.91          | 106               | 1   |
| Dibromochloropropane | 0.86             | 0.00             | 0.83         | 97               | 0.83          | 97                | 1   |

MATRIX SPIKE QUALITY CONTROL LIMITS

| COMPOUND             | WATER |       |     | SOIL  |       |     |
|----------------------|-------|-------|-----|-------|-------|-----|
|                      | LOWER | UPPER | RPD | LOWER | UPPER | RPD |
| Ethylene Dibromide   | 71    | 144   | 22  | NA    | NA    | NA  |
| Dibromochloropropane | 69    | 137   | 14  | NA    | NA    | NA  |

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water  
REPORT DATE: 1-21-1997  
EPA METHOD : 624/8260

LAB SAMPLE #: 9701221-1  
ANALYSIS DATE: 1/20/97

| COMPOUND           | AMOUNT<br>SPIKED | SAMPLE<br>RESULT | MS<br>RESULT | MS %<br>RECOVERY | MSD<br>RESULT | MSD %<br>RECOVERY | RPD |
|--------------------|------------------|------------------|--------------|------------------|---------------|-------------------|-----|
| 1,1-Dichloroethene | 50               | 0                | 42.0         | 84               | 41.0          | 82                | 2   |
| Trichloroethene    | 50               | 0                | 54.0         | 108              | 54.0          | 108               | 0   |
| Benzene            | 50               | 0                | 47.0         | 94               | 44.0          | 88                | 7   |
| Toluene            | 50               | 0                | 50.0         | 100              | 50.0          | 100               | 0   |
| Chlorobenzene      | 50               | 0                | 51.0         | 102              | 51.0          | 102               | 0   |

MATRIX SPIKE QUALITY CONTROL LIMITS

| COMPOUND           | WATER |       |     | SOIL  |       |     |
|--------------------|-------|-------|-----|-------|-------|-----|
|                    | LOWER | UPPER | RPD | LOWER | UPPER | RPD |
| 1,1-Dichloroethene | 69    | 140   | 26  | NA    | NA    | NA  |
| Trichloroethene    | 47    | 154   | 30  | NA    | NA    | NA  |
| Benzene            | 62    | 137   | 29  | NA    | NA    | NA  |
| Toluene            | 62    | 121   | 26  | NA    | NA    | NA  |
| Chlorobenzene      | 70    | 128   | 26  | NA    | NA    | NA  |

BEST AVAILABLE COPY  
Orlando Laboratories, Inc. Field Sheet

Revised: October 30, 1997

|                                                       |                            |                                            |                                     |
|-------------------------------------------------------|----------------------------|--------------------------------------------|-------------------------------------|
| Client: <b>CITIS Corp - Solid Waste</b>               |                            |                                            |                                     |
| Project Name / Number: <b>Semi-Annual Groundwater</b> |                            |                                            | PWSID#                              |
| Site Location: <b>LELANDO, FL</b>                     |                            |                                            |                                     |
| Sample ID: <b>MW-R-1</b>                              |                            | Sampling Date & Time: <b>01/18/97 1150</b> | Number of Bottles: <b>7</b>         |
| Sample Type: <b>GRB.</b>                              | Sample Matrix: <b>G.W.</b> | Sampling Method: <b>BAT # 152</b>          | Well Evacuation Method: <b>SOB.</b> |

| Well Specifications |                                | Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height        |                                                          |
|---------------------|--------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------|
| Diameter            | <b>2 in.</b>                   | Well Casing Composition:                                                   | <b>PVC</b>                                               |
| Water Level         | <b>112.60 ft</b>               | GPF(b) - CR Gallons                                                        | <b>Plumbing Material: PVC/SS</b>                         |
| Total Depth         | <b>124.50 ft</b>               | <b>C.H. X 0.163 = 1.94</b>                                                 | Purge Flow Rate: <b>0.53</b> <small>245H Gal/min</small> |
| Column Height       | <b>11.90 ft</b>                | <b>3x = 5.82</b>                                                           | Purge Time: <b>3.0</b> <small>min</small>                |
| Column Volume       | <b>1.94 gal.</b>               | <b>5x = 9.70</b>                                                           | Sample Flow Rate: <b>60.0-80.0</b> <small>ml/min</small> |
| Min Evac.           | <b>N/A</b> <small>gal.</small> | Well Purged: <b>Dry</b> , or 3x and field tests within 5%, or 5x <b>x2</b> |                                                          |
| Actual              | <b>1.6</b> <small>gal.</small> | NGVD. MSL/TOC                                                              | H W/TOC                                                  |
|                     |                                | (-) WATER LEVEL/MSL/NGVD                                                   |                                                          |

| Well Purging Data                                                  |             |          |             | Field Parameters         |             |     |
|--------------------------------------------------------------------|-------------|----------|-------------|--------------------------|-------------|-----|
| Gallons/Time                                                       |             |          |             | Tests                    | 1st         | 2nd |
| Temperature                                                        |             |          |             | Temp.                    | <b>20.6</b> |     |
| Conductivity                                                       |             |          |             | Cond.                    | <b>205</b>  |     |
| pH                                                                 |             |          |             | pH                       | <b>5.89</b> |     |
| Begin time                                                         | <b>0832</b> | End time | <b>0840</b> | D.O.                     | <b>3.1</b>  |     |
| Purging Comments: <b>Purged on 01/16/97 Day 1 1.5 Gall @ 2 Min</b> |             |          |             | Additional Test Results: |             |     |

| Sampling Information |       |                        | Sample Appearance       |              | Environmental Conditions |               |
|----------------------|-------|------------------------|-------------------------|--------------|--------------------------|---------------|
|                      | Depth | Drums:                 | Tint                    | <b>LIGHT</b> | Air Temp.                | <b>12.5</b>   |
| Surface Water        |       | Type                   | Color                   | <b>WHITE</b> | Wind                     | <b>N 5-10</b> |
| Soil/Sediments       |       | Contents               | Turbidity               |              | Rain                     | <b>none</b>   |
|                      |       | Layer Sampled          | Odor                    | <b>none</b>  | Atmosphere               | <b>clear</b>  |
| Wastewater:          |       |                        |                         |              | Other                    |               |
| Type of Composite    |       | Drilling/boring method | Turbidity before filter | <b>9.70</b>  |                          |               |
| Begin time           |       | Drilling fluid used    | Turbidity after filter  | <b>0.34</b>  |                          |               |
| End time             |       |                        |                         |              |                          |               |

|                                               |  |                           |                                             |
|-----------------------------------------------|--|---------------------------|---------------------------------------------|
| Additional Information: <b>used 2 FILTERS</b> |  | Field Filtered?           | <b>Y</b> or N <b>0.45um</b> or <b>1.0um</b> |
| <b>Purged on 01/16/97</b>                     |  | Fuel Power Unit Downline? | <b>Y</b> or N                               |
|                                               |  | Field Decon Performed?    | <b>Y</b> or N <b>SW</b>                     |
|                                               |  | Decon Waste Contained?    | Y or <b>Y</b>                               |
|                                               |  | Purge Waste Contained?    | Y or <b>Y</b>                               |

|                     |                               |
|---------------------|-------------------------------|
| Sampler's Signature | <b>Jim W. &amp; Dale D. -</b> |
|---------------------|-------------------------------|



# of Containers 7

6

## Containers:

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

Client: CITAS Count - SOLID WASTEProject Name / Number: SEMI-Annual Groundwater

PWSID#

Site Location: LECAATO, FLSample ID: MW-3Sampling 011797Date & Time: 1015Number of  
Bottles: 3Sample Type:  
GRB.Sample Matrix:  
G.W.Sampling Method:  
BAT # 1159Well Evacuation  
Method: Sub.

## Well Specifications

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

| Diameter      | 2 in.      | Well Casing Composition:                                 | PVC     | In Place Plumbing Data       |                  |
|---------------|------------|----------------------------------------------------------|---------|------------------------------|------------------|
| Water Level   | 11348 ft.  | GPF(b)                                                   | -CR     | Plumbing Material            | PVC/SS           |
| Total Depth   | 118.55 ft. | CA. X 0.163 = 0.83                                       |         | Purge Flow Rate              | 2 0.375 Gal/min  |
| Column Height | 5.07 ft.   | 3x = 249                                                 |         | Purge Time                   | 2 4.0 min        |
| Column Volume | 0.83 gal.  | 5x = 4.15                                                |         | Sample Flow Rate             | 60.0-80.0 ml/min |
| Min Evac.     | N/A gal.   | Well Purged: Dry, or 3x and field tests within 5%, or 5x |         |                              |                  |
| Actual        | 2 1.5 gal. | NGVD.                                                    | H W/TOC | (-) WATER LEVEL/<br>MSL/NGVD |                  |
|               |            | MSL/TOC                                                  |         |                              |                  |

## Well Purging Data

## Field Parameters

| Gallons/Time                                             |      |          |      |  |  | Tests                    | 1st  | 2nd |
|----------------------------------------------------------|------|----------|------|--|--|--------------------------|------|-----|
| Temperature                                              |      |          |      |  |  | Temp.                    | 18.1 |     |
| Conductivity                                             |      |          |      |  |  | Cond.                    | 25   |     |
| pH                                                       |      |          |      |  |  | pH                       | 5.99 |     |
| Begin time                                               | 0858 | End time | 0908 |  |  | D.O.                     | 8.5  |     |
| Purging Comments: <u>DRY 1 2MM/16AL DRY 2 0.56X/2min</u> |      |          |      |  |  | Additional Test Results: |      |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

| Depth             | Drums:                 | Tint                    | Light | Air Temp.  | 8.7      |
|-------------------|------------------------|-------------------------|-------|------------|----------|
| Surface Water     | Type                   | Color                   | NaN   | Wind       | NaN 5-10 |
| Soil/Sediments    | Contents               | Turbidity               |       | Rain       | None     |
|                   | Layer Sampled          | Odor                    | None  | Atmosphere | Clear    |
| Wastewater:       |                        |                         |       | Other      |          |
| Type of Composite | Drilling/boring method | Turbidity before filter | 29.9  |            |          |
| Begin time        | Drilling mud used      | Turbidity after filter  | 18.6  |            |          |
| End time          |                        |                         |       |            |          |

## Additional Information:

Purged on 011697 #

Used 2 10-m Filters.

Field Filtered?

Y or N 0.45um or 0.0um

Fuel Power Unit Downline?

Y or N

Field Decon Performed?

Y or N

Decon Waste Contained?

Y or N

Purge Waste Contained?

Y or N

Sampler's Signature

Sim W. F. Date D. -



# of Containers



**Containers:**

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

Client: CITAS County - Solid WasteProject Name / Number: SEMI-Annual Groundwater

PWSID#

Site Location: LELANDO, FLSample ID: MW- 6Sampling Date & Time: 01/17/97  
1115Number of Bottles: 7Sample Type: GRB.Sample Matrix: G.W.Sampling Method: BAT # 1160Well Evacuation Method: Sub.

## Well Specifications

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

|               |                   |                                                                          |            |                          |                              |
|---------------|-------------------|--------------------------------------------------------------------------|------------|--------------------------|------------------------------|
| Diameter      | <u>2</u> in.      | Well Casing Composition:                                                 | <u>PVC</u> | In Place Plumbing Data   |                              |
| Water Level   | <u>111.00</u> ft. | GPF(b) - CR Gallons                                                      |            | Plumbing Material        | <u>PVC/SS</u>                |
| Total Depth   | <u>122.45</u> ft. | $CV \times 0.163 = 1.87$<br>$3x = 5.61$<br>$5x = 9.35$                   |            | Purge Flow Rate          | <u>0.6</u> <u>24</u> Gal/min |
| Column Height | <u>11.45</u> ft.  |                                                                          |            | Purge Time               | <u>5.0</u> min               |
| Column Volume | <u>1.87</u> gal.  |                                                                          |            | Sample Flow Rate         | <u>60.0-80.0</u> ml/min      |
| Min Evac.     | <u>N/A</u> gal.   | Well Purged: <u>Dry</u> or 3x and field tests within 5%, or 5x <u>XL</u> |            |                          |                              |
| Actual        | <u>3.0</u> gal.   | NGVD. MSL/TOC                                                            | H W/TOC    | (-) WATER LEVEL/MSL/NGVD |                              |

## Well Purging Data

## Field Parameters

|                                                          |             |          |             |  |  |                          |             |     |
|----------------------------------------------------------|-------------|----------|-------------|--|--|--------------------------|-------------|-----|
| Gallons/Time                                             |             |          |             |  |  | Tests                    | 1st         | 2nd |
| Temperature                                              |             |          |             |  |  | Temp.                    | <u>21.9</u> |     |
| Conductivity                                             |             |          |             |  |  | Cond.                    | <u>600</u>  |     |
| pH                                                       |             |          |             |  |  | pH                       | <u>4.70</u> |     |
| Begin time                                               | <u>0925</u> | End time | <u>0935</u> |  |  | D.O.                     | <u>2.7</u>  |     |
| Purging Comments: <u>DRY! 3min/26gal DRY 22min/16gal</u> |             |          |             |  |  | Additional Test Results: |             |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

|                   |       |                        |            |                         |              |            |               |
|-------------------|-------|------------------------|------------|-------------------------|--------------|------------|---------------|
|                   | Depth | Drums:                 |            | Tint                    | <u>LIGHT</u> | Air Temp.  | <u>10.0</u>   |
| Surface Water     |       | Type                   |            | Color                   | <u>WHITE</u> | Wind       | <u>N 5-10</u> |
| Soil/Sediments    |       | Contents               |            | Turbidity               |              | Rain       | <u>NONE</u>   |
|                   |       | Layer Sampled          | <u>N/A</u> | Odor                    | <u>LIGHT</u> | Atmosphere | <u>CLEAR</u>  |
| Wastewater:       |       |                        |            |                         |              | Other      |               |
| Type of Composite |       | Drilling/boring method |            | Turbidity before filter | <u>17.4</u>  |            |               |
| Begin time        |       | Drilling fluid used    |            | Turbidity after filter  | <u>3.20</u>  |            |               |
| End time          |       |                        |            |                         |              |            |               |

Additional Information:

→ Confirm w/ P.H. PAPERPURGED on 011697

Field Filtered?

(Y) or N 0.45um or 1.0um

Fuel Power Unit Downline?

(Y) or N

Field Decon Performed?

(Y) or N

Decon Waste Contained?

Y or (Y)

Purge Waste Contained?

Y or (Y)

Sampler's Signature

Jim W. & Dale D. -

# Field Identification of Containers

Workorder# \_\_\_\_\_

# of Containers 7

| Field Code                                   | Containers | Presv. Check                         | Amt. Added. |
|----------------------------------------------|------------|--------------------------------------|-------------|
| B260 I                                       | 2-A        | HCL                                  | N/A         |
| D4                                           | 2-A        | Na <sub>2</sub> SO <sub>3</sub>      | N/A         |
| AA - METALS                                  | 1-L        | HNO <sub>3</sub> < 2.0               | —           |
| WC - NH <sub>3</sub> -N - NO <sub>3</sub> -N | 1-O        | H <sub>2</sub> SO <sub>4</sub> < 2.0 | —           |
| WC - CL, TDS, NO <sub>3</sub> -N             | 1-N        | NONE                                 | N/A         |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |
|                                              |            |                                      |             |

## Field Codes (Order of Sample Collection):

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

## Containers:

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

Client: CITAS County - Solid WasteProject Name / Number: SEMI-Annual Groundwater

PWSID#

Site Location: LELANDO, FLSample ID: MW-BSampling 011797  
Date & Time: 1225Number of  
Bottles: 7Sample Type:  
GRBSample Matrix:  
G.W.Sampling Method:  
BAT GRBWell Evacuation  
Method: SOB, IPP

| Well Specifications |                   | Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height |                         |
|---------------------|-------------------|---------------------------------------------------------------------|-------------------------|
| Diameter            | <u>2</u> in.      | Well Casing Composition:                                            | <u>PVC</u>              |
| Water Level         | <u>106.4</u> ft.  | GPF(b) - CR Gallons                                                 |                         |
| Total Depth         | <u>122.00</u> ft. | C.V. X 0.163 =                                                      |                         |
| Column Height       | <u>15.60</u> ft.  | 3x = <u>0.653 = 10.19</u>                                           |                         |
| Column Volume       | <u>10119</u> gal. | 5x = <u>50.95</u>                                                   |                         |
| Min Evac.           | <u>N/A</u> gal.   | Well Purged: <u>Dry</u> , or 3x and field tests within 5%, or 5x    |                         |
| Actual              | <u>14.0</u> gal.  | NGVD. MSUTOC                                                        | H W/TOC                 |
|                     |                   |                                                                     | (-) WATER LEVEL/MSLNGVD |

| Well Purging Data                                            |             |          |             | Field Parameters         |             |     |
|--------------------------------------------------------------|-------------|----------|-------------|--------------------------|-------------|-----|
| Gallons/Time                                                 |             |          |             | Tests                    | 1st         | 2nd |
| Temperature                                                  |             |          |             | Temp.                    | <u>17.8</u> |     |
| Conductivity                                                 |             |          |             | Cond.                    | <u>58</u>   |     |
| pH                                                           |             |          |             | pH                       | <u>5.29</u> |     |
| Begin time                                                   | <u>1011</u> | End time | <u>1018</u> | D.O.                     | <u>4.5</u>  |     |
| Purging Comments: <u>DRY 1 MIN / 7 GAL DRY 2 MIN / 7 GAL</u> |             |          |             | Additional Test Results: |             |     |

| Sampling Information |       |                        | Sample Appearance       |              | Environmental Conditions |               |
|----------------------|-------|------------------------|-------------------------|--------------|--------------------------|---------------|
|                      | Depth | Drums:                 | Tint                    | <u>NONE</u>  | Air Temp.                | <u>10.9</u>   |
| Surface Water        |       | Type                   | Color                   | <u>CLEAR</u> | Wind                     | <u>N 5-10</u> |
| Soil/Sediments       |       | Contents               | Turbidity               | <u>1.30</u>  | Rain                     | <u>NONE</u>   |
|                      |       | Layer Sampled          | Odor                    | <u>NONE</u>  | Atmosphere               | <u>CLEAR</u>  |
| Wastewater:          |       |                        |                         |              | Other                    |               |
| Type of Composite    |       | Drilling/boring method | Turbidity before filter |              |                          |               |
| Begin time           |       | Drilling fluid used    | Turbidity after filter  |              |                          |               |
| End time             |       |                        |                         |              |                          |               |

Additional Information:

Directed on 011697

|                           |               |                 |
|---------------------------|---------------|-----------------|
| Field Filtered?           | Y or <u>N</u> | 0.45um or 1.0um |
| Fuel Power Unit Downline? | <u>Y</u> or N |                 |
| Field Decon Performed?    | <u>Y</u> or N | <u>SW</u>       |
| Decon Waste Contained?    | Y or <u>Y</u> |                 |
| Purge Waste Contained?    | Y or <u>Y</u> |                 |

Sampler's Signature

Jim W. & Dale D. -

### Field Identification of Contaminants

**Workorder#** \_\_\_\_\_

# of Containers 7

[illegible]

**Field Codes (Order of Sample Collection):**

## Containers:

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

### Vials (A)

### Mason Jars (B)

**Glass:**

**Plastic:**

**gallon (C)**

gallon (I)

80 oz. (D)

1/2 gallon (J)

32 oz. (E)

80 oz. (K)

16 oz. (F)

32 oz. (L)

802. (G)

16 oz. (M)

4oz. (H)

8oz. (N)

402. (11)

4oz. (O)

Client: CITIS Corp - Solid WasteProject Name / Number: Semi-Annual Groundwater

PWSID#

Site Location: LELANDO, FLSample ID: MW-2 EQUIP BLANKSampling 011797  
Date & Time: 1000Number of  
Bottles: 7Sample Type:  
GLBSample Matrix:  
G.W.Sampling Method:  
BAT # 1159Well Evacuation  
Method: SoB. w/a

## Well Specifications

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

|               |                 |                                                          |            |                              |                         |
|---------------|-----------------|----------------------------------------------------------|------------|------------------------------|-------------------------|
| Diameter      | <u>2</u> in.    | Well Casing Composition:                                 | <u>PVC</u> | In Place Plumbing Data       |                         |
| Water Level   | <u>2</u> ft     | GPF(b)                                                   | <u>-CR</u> | Plumbing Material            | <u>Pvc/SS</u>           |
| Total Depth   | <u>2</u> ft     | CA. X 0.163 =                                            | <u>W/A</u> | Purge Flow Rate              | <u>2</u> Gal/min        |
| Column Height | <u>W/A</u> ft   | 3x =                                                     |            | Purge Time                   | <u>2</u> min            |
| Column Volume | <u>W/A</u> gal. | 5x =                                                     |            | Sample Flow Rate             | <u>60.0-80.0</u> ml/min |
| Min Evac.     | <u>2</u> gal.   | Well Purged: Dry, or 3x and field tests within 5%, or 5x |            |                              |                         |
| Actual        | <u>2</u> gal.   | NGVD.<br>MSL/TOC                                         | (+) W/TOC  | (-) WATER LEVEL/<br>MSL/NGVD |                         |

## Well Purging Data

## Field Parameters

|                   |  |          |  |  |  |                          |             |     |
|-------------------|--|----------|--|--|--|--------------------------|-------------|-----|
| Gallons/Time      |  |          |  |  |  | Tests                    | 1st         | 2nd |
| Temperature       |  |          |  |  |  | Temp.                    | <u>7.5</u>  |     |
| Conductivity      |  |          |  |  |  | Cond.                    | <u>2510</u> |     |
| pH                |  |          |  |  |  | pH                       | <u>9.23</u> |     |
| Begin time        |  | End time |  |  |  | D.O.                     | <u>9.1</u>  |     |
| Purging Comments: |  |          |  |  |  | Additional Test Results: |             |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

|                   |                        |          |                         |              |            |                 |
|-------------------|------------------------|----------|-------------------------|--------------|------------|-----------------|
| Surface Water     | Depth                  | Drums:   | Tint                    | <u>NONE</u>  | Air Temp.  | <u>9.1</u>      |
| Soil/Sediments    | Type                   | Contents | Color                   | <u>CLEAR</u> | Wind       | <u>NW 15-20</u> |
| Wastewater:       | Layer Sampled          |          | Turbidity               | <u>NONE</u>  | Rain       | <u>NONE</u>     |
| Type of Composite | Drilling/boring method |          | Odor                    | <u>NONE</u>  | Atmosphere | <u>CLEAR</u>    |
| Begin time        | Drilling fluid used    |          | Turbidity before filter | <u>0.08</u>  | Other      |                 |
| End time          |                        |          | Turbidity after filter  | <u>0.05</u>  |            |                 |

Additional Information:

Field Filtered? Y or N 0.45um or 1.0um

Fuel Power Unit Downline? Y or N

Field Decon Performed? Y or N SW

Decon Waste Contained? Y or Y

Purge Waste Contained? Y or Y

Sampler's Signature

Jim W. &amp; Dale D. -

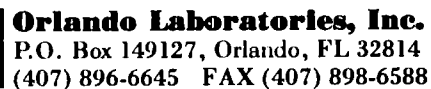
• **PLANTAS DEPORTIVAS** • 41

# of Containers 7

④

**Containers:**

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

Page 1 of 1OL-001 (6/93)**LAB**

# ORLANDO LABS

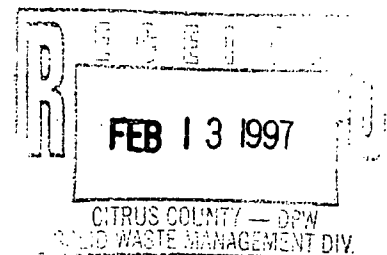
RECEIVED

MAR 27 1997

DEP

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 # : 97-01-191  
Date Received: 01/15/97  
Report Due by: 01/29/97  
OLI Contact: K\_VAULT

Work ID: Semi-Annual GW  
Samples collected by: OLI Field Team  
Total Samples: 9

| <u>Sample Identification</u> | <u>Description of Analysis</u>                                                                                                                                       | <u>Description of Analysis</u>                                                                                               |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 01A MW-AA                    | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 02A MW-C                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium                           | EDB/DBCP in Water<br>Barium<br>Cobalt<br>Sodium<br>Nitrogen: Nitrate<br>Total Dissolved Solids                               |
| 03A MW-C DUP                 | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium                           | EDB/DBCP in Water<br>Barium<br>Cobalt<br>Sodium<br>Nitrogen: Nitrate<br>Total Dissolved Solids                               |
| 04A MW-D                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 05A MW-E                     | Field Data for DER Samples                                                                                                                                           | EDB/DBCP in Water                                                                                                            |

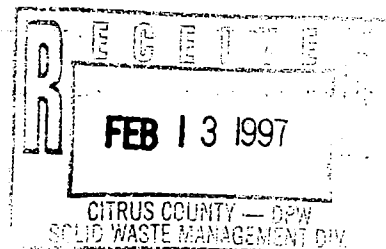
Citrus County  
Work ID: Semi-Annual GW

Work Order # : 97-01-191  
C o n t i n u e d

| <u>Sample Identification</u> | <u>Description of Analysis</u>                                                                                                                                       | <u>Description of Analysis</u>                                                                                               |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 05A MW-E                     | GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered                               | Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids                      |
| 06A MW-2                     | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 07A Equip Blank              | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>Chloride<br>Iron: Field Filtered<br>Nitrogen: Ammonia<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered | EDB/DBCP in Water<br>Barium: Filtered<br>Cobalt: Filtered<br>Sodium: Filtered<br>Nitrogen: Nitrate<br>Total Dissolved Solids |
| 09A Method Blank             | Field Data for DER Samples<br>GC/MS Vol Organics:Appx I<br>QC for Wet Chemistry                                                                                      | EDB/DBCP in Water<br>QC for Metals                                                                                           |

Respectfully Submitted,  
ORLANDO LABORATORIES, INC.

  
Authorized Laboratory Signature

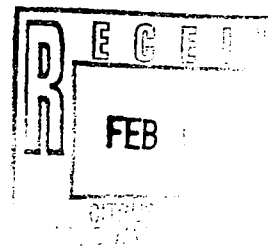


Orlando Laboratories, Inc.  
Work Order 97-01-191

Analytes Whose Results Exceed  
Maximum Guidance Contamination Levels

| <u>OLI<br/>Number</u> | <u>Sample<br/>Identification</u> | <u>Test/Analyte<br/>Name</u> | <u>Result</u> | <u>MCL</u> | <u>Units</u> |
|-----------------------|----------------------------------|------------------------------|---------------|------------|--------------|
| 01A                   | MW-AA                            | Field Data for DER Samples   |               |            |              |
|                       |                                  | Field pH                     | 6.38          | 6.5-8.5    | UNITS        |
|                       |                                  | GC/MS Vol Organics:Appx I    |               |            |              |
|                       |                                  | Benzene                      | 1             | 1.0        | UG/L         |
|                       |                                  | Vinyl Chloride               | 4             | 1.0        | UG/L         |
|                       |                                  | Iron: Field Filtered         | 12000         | 300        | UG/L         |
| 02A                   | MW-C                             | Iron                         | 330           | 300        | UG/L         |
| 03A                   | MW-C DUP                         | Iron                         | 410           | 300        | UG/L         |
| 05A                   | MW-E                             | Iron: Field Filtered         | 17000         | 300        | UG/L         |
| 06A                   | MW-2                             | Iron: Field Filtered         | 430           | 300        | UG/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.



Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 100.67  
Total Depth (ft): 106.11  
Column Height (ft): 5.44  
Column Volume (gal): 0.89  
Evacuation (gal): 2.67  
Actual (gal): 7.0

Evacuation Method: Submersible

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 4.56  
Odor: Medium

Environmental Conditions

Wind: 10-15 S  
Rain: None  
Air (^C): 19.3  
Atmosphere: Overcast  
Other: NA

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): 5.44

Sampling Date/Time: 01/15/97 15:20:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: [ ] Background  
[ ] Intermediate  
[X] Compliance  
[ ] Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N EPA_150_1                        | 01/15/97              | 6.38 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N EPA_170_1                        | 01/15/97              | 24.1 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Bailer       | N EPA_120_1                        | 01/15/97              | 750 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N Tape Measu                       | 01/15/97              | 100.67 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N EPA_360_1                        | 01/15/97              | 2.3 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N EPA_180_1                        | 01/15/97              | 4.56 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N EPA_504_1                        | 01/17/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N EPA_504_1                        | 01/17/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N EPA 8260                         | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N EPA 8260                         | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N EPA 8260                         | 01/16/97              | 1 ug/l                    | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N EPA 8260                         | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N EPA 8260                         | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N EPA 8260                         | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N EPA 8260                         | 01/16/97              | <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 #: 97-01-191-01  
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: 01/15/97  
Report Period: 1997/1st 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 |
|-------------|---------------------------|-----------|------------------------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N EPA 8260                   | 01/16/97           | 10 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N EPA 8260                   | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N EPA 8260                   | 01/16/97           | 4 ug/l                 | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N EPA 8260                   | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N EPA 8260                   | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N EPA 8260                   | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N EPA 8260                   | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N EPA 8260                   | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N EPA 8260                   | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N EPA 8260                   | 01/16/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N EPA 8260                   | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N EPA 8260                   | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N EPA 8260                   | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N EPA 8260                   | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N EPA 8260                   | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N EPA 8260                   | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N EPA 8260                   | 01/16/97           | 4 ug/l                 | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N EPA 8260                   | 01/16/97           | <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

~~missed~~ DER  
EDB

Order #: 97-01-191-01  
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: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|---------------------------|-----------------------|---------------------------|---------------------------|
| 01005          | Barium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 34 ug/l                   | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N           | EPA_325_2                 | 01/21/97              | 7.8 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 25 ug/l                   | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y           | EPA_6010                  | 01/24/97              | 12000 ug/l                | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 7.0 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N           | EPA_350_1                 | 01/27/97              | 0.51 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N           | EPA_353_2                 | 01/22/97              | 0.17 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N           | EPA_6010                  | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N           | EPA_6010                  | 01/24/97              | 17 ug/l                   | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N           | EPA_6010                  | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N           | EPA_7470                  | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N           | EPA_160_1                 | 01/21/97              | 434 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y           | EPA_6010                  | 01/24/97              | <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 #: 97-01-191-02  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 5

Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 109.60  
Total Depth (ft): 121.00  
Column Height (ft): 11.40  
Column Volume (gal): 7.44  
Evacuation (gal): NA  
Actual (gal): 110.00

Evacuation Method: Submersible

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 4.49  
Odor: Light

Environmental Conditions

Wind: 0-5 E  
Rain: None  
Air (^C): 19.6  
Atmosphere: Overcast  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):  
or (MSL): 5.58

Sampling Date/Time: 01/15/97 15:45:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: [ ] Background  
[ ] Intermediate  
[X] Compliance  
[ ] Other

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH               | Grab         | N           | EPA_150_1          | 01/15/97              | 7.69 Units                | NA Units                  |
| 00010          | Temperature            | Grab         | N           | EPA_170_1          | 01/15/97              | 20.8 ^C                   | NA ^C                     |
| 00094          | Conductivity           | Grab         | N           | EPA_120_1          | 01/15/97              | 191 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level            | Grab         | N           | Tape_Measu         | 01/15/97              | 109.60 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen       | Grab         | N           | EPA_360_1          | 01/15/97              | 6.0 mg/l                  | 0.5 mg/l                  |
| 77651          | EDB                    | Grab         | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                   | Grab         | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile          | Grab         | N           | EPA 8260           | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane     | Grab         | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane   | Grab         | N           | EPA 8260           | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform              | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide       | Grab         | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride   | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene          | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane           | Grab         | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform             | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane   | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene    | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34571          | 1,4-Dichlorobenzene    | Grab         | N           | EPA 8260           | 01/16/97              | <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 #: 4009A13196  
Well Name: MW-C

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 77268          | t-1,4-Dichloro-2-butene   | Grab         | N           | EPA 8260           | 01/16/97              | <100 ug/l                 | 100 ug/l                  |
| 34496          | 1,1-Dichloroethane        | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34531          | 1,2-Dichloroethane        | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34501          | 1,1-Dichloroethylene      | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77093          | c-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 34546          | t-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | Grab         | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | Grab         | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/16/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | Grab         | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 81551          | Xylene (total)            | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 01007          | Barium                    | Grab         | N           | EPA 6010           | 01/24/97              | <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 #: 97-01-191-02  
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 #: 4009A13196  
Well Name: MW-C

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st 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 |
|-------------|------------------------|-----------|------------------------------|--------------------|------------------------|------------------------|
| 00940       | Chloride               | Grab      | N EPA_325_2                  | 01/21/97           | 3.8 mg/l               | 1.0 mg/l               |
| 01037       | Cobalt                 | Grab      | N EPA_6010                   | 01/24/97           | <10 ug/l               | 10 ug/l                |
| 01045       | Iron                   | Grab      | N EPA_6010                   | 01/24/97           | 330 ug/l               | 100 ug/l               |
| 00929       | Sodium                 | Grab      | N EPA_6010                   | 01/24/97           | 2.3 mg/l               | 1.0 mg/l               |
| 00610       | Nitrogen: Ammonia      | Grab      | N EPA_350_1                  | 01/27/97           | 0.08 mg/l              | 0.01 mg/l              |
| 00620       | Nitrogen: Nitrate      | Grab      | N EPA_353_2                  | 01/22/97           | 0.03 mg/l              | 0.02 mg/l              |
| 01012       | Beryllium              | Grab      | N EPA_6010                   | 01/24/97           | <4.0 ug/l              | 4.0 ug/l               |
| 01027       | Cadmium                | Grab      | N EPA_6010                   | 01/24/97           | <5.0 ug/l              | 5.0 ug/l               |
| 01034       | Chromium               | Grab      | N EPA_6010                   | 01/24/97           | <10 ug/l               | 10 ug/l                |
| 01042       | Copper                 | Grab      | N EPA_6010                   | 01/24/97           | 17 ug/l                | 10 ug/l                |
| 01067       | Nickel                 | Grab      | N EPA_6010                   | 01/24/97           | <10 ug/l               | 10 ug/l                |
| 01077       | Silver                 | Grab      | N EPA_6010                   | 01/24/97           | <10 ug/l               | 10 ug/l                |
| 01092       | Zinc                   | Grab      | N EPA_6010                   | 01/24/97           | <50 ug/l               | 50 ug/l                |
| 01002       | Arsenic                | Grab      | N EPA_6010                   | 01/24/97           | <5.0 ug/l              | 5.0 ug/l               |
| 01051       | Lead                   | Grab      | N EPA_6010                   | 01/24/97           | <5.0 ug/l              | 5.0 ug/l               |
| 01097       | Antimony               | Grab      | N EPA_6010                   | 01/24/97           | <5.0 ug/l              | 5.0 ug/l               |
| 01147       | Selenium               | Grab      | N EPA_6010                   | 01/24/97           | <5.0 ug/l              | 5.0 ug/l               |
| 01059       | Thallium               | Grab      | N EPA_6010                   | 01/24/97           | <2.0 ug/l              | 2.0 ug/l               |
| 71900       | Mercury                | Grab      | N EPA_7470                   | 01/24/97           | <0.10 ug/l             | 0.10 ug/l              |
| 70300       | Total Dissolved Solids | Grab      | N EPA_160_1                  | 01/21/97           | 154 mg/l               | 10 mg/l                |
| 01087       | Vanadium               | Grab      | N EPA_6010                   | 01/24/97           | <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 #: 97-01-191-03  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 8

Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 109.60  
Total Depth (ft): 121  
Column Height (ft): 11.40  
Column Volume (gal): 7.44  
Evacuation (gal): NA  
Actual (gal): 110.00

Evacuation Method: Submersible

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 3.45  
Odor: None

Environmental Conditions

Wind: 5-10 E  
Rain: None  
Air (^C): 19.6  
Atmosphere: Overcast  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Ground Water Elevation (NGVD):             
or (MSL): 5.58

Sampling Date/Time: 01/15/97 15:55:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☐ Background  
☐ Intermediate  
☒ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH               | Grab         | N EPA_150_1                        | 01/15/97              | 7.88 Units                | NA Units                  |
| 00010          | Temperature            | Grab         | N EPA_170_1                        | 01/15/97              | 22.6 ^C                   | NA ^C                     |
| 00094          | Conductivity           | Grab         | N EPA_120_1                        | 01/15/97              | 195 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level            | Grab         | N Tape Measu                       | 01/15/97              | 109.60 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen       | Grab         | N EPA_360_1                        | 01/15/97              | 7.8 mg/l                  | 0.5 mg/l                  |
| 77651          | EDB                    | Grab         | N EPA_504_1                        | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                   | Grab         | N EPA_504_1                        | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                | Grab         | N EPA 8260                         | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile          | Grab         | N EPA 8260                         | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                | Grab         | N EPA 8260                         | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane     | Grab         | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane   | Grab         | N EPA 8260                         | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform              | Grab         | N EPA 8260                         | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide       | Grab         | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride   | Grab         | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene          | Grab         | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane           | Grab         | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform             | Grab         | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane   | Grab         | N EPA 8260                         | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene    | Grab         | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34571          | 1,4-Dichlorobenzene    | Grab         | N EPA 8260                         | 01/16/97              | <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 #: 97-01-191-03  
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 #: 4009A13196  
Well Name: MW-C DUP

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 77268       | t-1,4-Dichloro-2-butene   | Grab      | N            | EPA 8260        | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Grab      | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Grab      | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Grab      | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Grab      | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Grab      | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Grab      | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Grab      | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Grab      | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Grab      | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Grab      | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Grab      | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Grab      | N            | EPA 8260        | 01/16/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Grab      | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Grab      | N            | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Grab      | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Grab      | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Grab      | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Grab      | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Grab      | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Grab      | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 01007       | Barium                    | Grab      | N            | EPA 6010        | 01/24/97           | <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 #: 4009A13196  
Well Name: MW-C DUP

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 00940          | Chloride               | Grab         | N           | EPA_325_2          | 01/21/97              | 3.9 mg/l                  | 1.0 mg/l                  |
| 01037          | Cobalt                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01045          | Iron                   | Grab         | N           | EPA_6010           | 01/24/97              | 410 ug/l                  | 100 ug/l                  |
| 00929          | Sodium                 | Grab         | N           | EPA_6010           | 01/24/97              | 2.5 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Grab         | N           | EPA_350_1          | 01/27/97              | 0.09 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Grab         | N           | EPA_353_2          | 01/22/97              | 0.07 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Grab         | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Grab         | N           | EPA_6010           | 01/24/97              | 10 ug/l                   | 10 ug/l                   |
| 01067          | Nickel                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Grab         | N           | EPA_6010           | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Grab         | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Grab         | N           | EPA_7470           | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Grab         | N           | EPA_160_1          | 01/21/97              | 154 mg/l                  | 10 mg/l                   |
| 01087          | Vanadium               | Grab         | N           | EPA_6010           | 01/24/97              | <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 #: 97-01-191-04  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 11

Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 104.43  
Total Depth (ft): 209.77  
Column Height (ft): 105.34  
Column Volume (gal): 68.79  
Evacuation (gal): 206.37  
Actual (gal): 237.0

Evacuation Method: Submersible

Sample Appearance

Tint: None  
Color: Rust  
Turbidity: 0.18  
Odor: None

Environmental Conditions

Wind: 15-20 S  
Rain: None  
Air (^C): 20.5  
Atmosphere: Overcast  
Other: NA

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: 01/15/97 14:25:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☐ Background  
☐ Intermediate  
☒ Compliance  
☒ Other

Ground Water Elevation (NGVD):  
or (MSL): 5.34

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N           | EPA_150_1          | 01/15/97              | 7.36 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N           | EPA_170_1          | 01/15/97              | 23.5 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Bailer       | N           | EPA_120_1          | 01/15/97              | 240 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N           | Tape Measu         | 01/15/97              | 104.43 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N           | EPA_360_1          | 01/15/97              | 2.5 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N           | EPA_180_1          | 01/15/97              | 0.18 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N           | EPA 8260           | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N           | EPA 8260           | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N           | EPA 8260           | 01/16/97              | <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 #: 4009A11578  
Well Name: MW-D

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N            | EPA 8260        | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N            | EPA 8260        | 01/16/97           | <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 #: 97-01-191-04  
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 #: 4009A11578  
Well Name: MW-D

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|---------------------------|-----------------------|---------------------------|---------------------------|
| 01005          | Barium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 11 ug/l                   | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N           | EPA_325_2                 | 01/21/97              | 4.0 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y           | EPA_6010                  | 01/24/97              | 180 ug/l                  | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y           | EPA_6010                  | 01/24/97              | 3.2 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N           | EPA_350_1                 | 01/27/97              | 0.04 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N           | EPA_353_2                 | 01/22/97              | 0.03 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N           | EPA_6010                  | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N           | EPA_6010                  | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N           | EPA_6010                  | 01/24/97              | 75 ug/l                   | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N           | EPA_6010                  | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N           | EPA_7470                  | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N           | EPA_160_1                 | 01/21/97              | 184 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y           | EPA_6010                  | 01/24/97              | <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

Well Specifications

Diameter (in): 2  
Water Level (ft): 104.13  
Total Depth (ft): 117.70  
Column Height (ft): 13.57  
Column Volume (gal): 2.21  
Evacuation (gal): 6.63  
Actual (gal): 11.5

Evacuation Method: Submersible

Sample Appearance

Tint: Light  
Color: White  
Turbidity: 4.72  
Odor: Light

Environmental Conditions

Wind: 5-10 S  
Rain: None  
Air (^C): 19.8  
Atmosphere: Overcast  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

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

Sampling Date/Time: 01/15/97 15:00:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Bailer       | N EPA_150_1                        | 01/15/97              | 6.71 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N EPA_170_1                        | 01/15/97              | 23.8 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Bailer       | N EPA_120_1                        | 01/15/97              | 700 umhos/cm              | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N Tape Measu                       | 01/15/97              | 104.13 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N EPA_360_1                        | 01/15/97              | 2.8 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N EPA_180_1                        | 01/15/97              | 4.72 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N EPA_504_1                        | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N EPA_504_1                        | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N EPA 8260                         | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N EPA 8260                         | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N EPA 8260                         | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N EPA 8260                         | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N EPA 8260                         | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N EPA 8260                         | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N EPA 8260                         | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N EPA 8260                         | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N EPA 8260                         | 01/16/97              | <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 #: NA  
Well Name: MW-E

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N            | EPA 8260        | 01/16/97           | 7 ug/l                 | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N            | EPA 8260        | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N            | EPA 8260        | 01/16/97           | <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 #: NA  
Well Name: MW-E

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 01005          | Barium: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | 110 ug/l                  | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N           | EPA_325_2          | 01/21/97              | 4.7 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y           | EPA_6010           | 01/24/97              | 17000 ug/l                | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y           | EPA_6010           | 01/24/97              | 5.0 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N           | EPA_350_1          | 01/27/97              | 0.38 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N           | EPA_353_2          | 01/22/97              | 0.18 mg/l                 | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N           | EPA_6010           | 01/24/97              | 11 ug/l                   | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N           | EPA_6010           | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N           | EPA_6010           | 01/24/97              | 20 ug/l                   | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N           | EPA_7470           | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N           | EPA_160_1          | 01/21/97              | 460 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y           | EPA_6010           | 01/24/97              | <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 #: 97-01-191-06  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 17

Citrus County Landfill

Well Specifications

Diameter (in): 2  
Water Level (ft): 128.67  
Total Depth (ft): 161.90  
Column Height (ft): 33.23  
Column Volume (gal): 5.42  
Evacuation (gal): 16.26  
Actual (gal): 50.0

Evacuation Method: Submersible

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 1.19  
Odor: Light

Environmental Conditions

Wind: 0-5 E  
Rain: None  
Air (°C): 19.8  
Atmosphere: Overcast  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 01/15/97 16:15:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: [X] Background  
[ ] Intermediate  
[ ] Compliance  
[ ] Other

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

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                          |              | Y/N         |                    |                       |                           |                           |
| 00400          | Field pH                 | Bailer       | N           | EPA_150_1          | 01/15/97              | 6.53 Units                | NA Units                  |
| 00010          | Temperature              | Bailer       | N           | EPA_170_1          | 01/15/97              | 21.5 °C                   | NA °C                     |
| 00094          | Conductivity             | Bailer       | N           | EPA_120_1          | 01/15/97              | 30 umhos/cm               | 5.0 umhos/cm              |
| 72020          | Water Level              | Bailer       | N           | Tape_Measu         | 01/15/97              | 128.67 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Bailer       | N           | EPA_360_1          | 01/15/97              | 6.8 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Bailer       | N           | EPA_180_1          | 01/15/97              | 1.19 NTU                  | 0.50 NTU                  |
| 77651          | EDB                      | Bailer       | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 38760          | DBCP                     | Bailer       | N           | EPA_504_1          | 01/20/97              | <0.02 ug/l                | 0.02 ug/l                 |
| 81552          | Acetone                  | Bailer       | N           | EPA 8260           | 01/16/97              | 61 ug/l                   | 10 ug/l                   |
| 34215          | Acrylonitrile            | Bailer       | N           | EPA 8260           | 01/16/97              | <8 ug/l                   | 8 ug/l                    |
| 78124          | Benzene                  | Bailer       | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 73085          | Bromochloromethane       | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32101          | Bromodichloromethane     | Bailer       | N           | EPA 8260           | 01/16/97              | <0.5 ug/l                 | 0.5 ug/l                  |
| 32104          | Bromoform                | Bailer       | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77041          | Carbon disulfide         | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32102          | Carbon tetrachloride     | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34301          | Chlorobenzene            | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34311          | Chloroethane             | Bailer       | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 32106          | Chloroform               | Bailer       | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 32105          | Dibromochloromethane     | Bailer       | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34536          | 1,2-Dichlorobenzene      | Bailer       | N           | EPA 8260           | 01/16/97              | <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: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET Code | Parameter Monitored       | Samp Meth | Fld Filt Y/N | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|---------------------------|-----------|--------------|-----------------|--------------------|------------------------|------------------------|
| 34571       | 1,4-Dichlorobenzene       | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene   | Bailer    | N            | EPA 8260        | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane        | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene      | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34546       | t-1,2-Dichloroethylene    | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34541       | 1,2-Dichloropropane       | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34704       | c-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34699       | t-1,3-Dichloropropene     | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34371       | Ethylbenzene              | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77103       | 2-Hexanone                | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34413       | Methyl bromide            | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34418       | Methyl chloride           | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 81595       | Methyl ethyl ketone       | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77424       | Methyl iodide             | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 78133       | 4-Methyl-2-pentanone      | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 77596       | Methylene bromide         | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34423       | Methylene chloride        | Bailer    | N            | EPA 8260        | 01/16/97           | <2.5 ug/l              | 2.5 ug/l               |
| 77128       | Styrene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77562       | 1,1,1,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34516       | 1,1,2,2-Tetrachloroethane | Bailer    | N            | EPA 8260        | 01/16/97           | <0.2 ug/l              | 0.2 ug/l               |
| 34475       | Tetrachloroethylene       | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 78131       | Toluene                   | Bailer    | N            | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 34506       | 1,1,1-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <3 ug/l                | 3 ug/l                 |
| 34511       | 1,1,2-Trichloroethane     | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 39180       | Trichloroethylene         | Bailer    | N            | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34488       | Trichlorofluoromethane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77443       | 1,2,3-Trichloropropane    | Bailer    | N            | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77057       | Vinyl Acetate             | Bailer    | N            | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 39175       | Vinyl Chloride            | Bailer    | N            | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 81551       | Xylene (total)            | Bailer    | N            | EPA 8260        | 01/16/97           | <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 #: 97-01-191-06  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 19

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 01005          | Barium: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 00940          | Chloride               | Bailer       | N EPA_325_2                        | 01/21/97              | 1.6 mg/l                  | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Bailer       | Y EPA_6010                         | 01/24/97              | 430 ug/l                  | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Bailer       | Y EPA_6010                         | 01/24/97              | 2.2 mg/l                  | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Bailer       | N EPA_350_1                        | 01/27/97              | 0.05 mg/l                 | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Bailer       | N EPA_353_2                        | 01/22/97              | <0.02 mg/l                | 0.02 mg/l                 |
| 01012          | Beryllium              | Bailer       | N EPA_6010                         | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Bailer       | N EPA_6010                         | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Bailer       | N EPA_6010                         | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Bailer       | N EPA_6010                         | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Bailer       | N EPA_6010                         | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Bailer       | N EPA_7470                         | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Bailer       | N EPA_160_1                        | 01/21/97              | 80 mg/l                   | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Bailer       | Y EPA_6010                         | 01/24/97              | <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

Well Specifications

Diameter (in): NA  
Water Level (ft): NA  
Total Depth (ft): NA  
Column Height (ft): NA  
Column Volume (gal): NA  
Evacuation (gal): NA  
Actual (gal): NA

Evacuation Method: NA

Sample Appearance

Tint: None  
Color: Clear  
Turbidity: 0.02  
Odor: None

Environmental Conditions

Wind: 10-15 S  
Rain: None  
Air (^C): 21.3  
Atmosphere: Overcast  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

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

Sampling Date/Time: 01/15/97 14:05:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA  
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                  | 01/15/97           | 7.67 Units             | NA Units               |
| 00010       | Temperature              | Grab      | N EPA_170_1                  | 01/15/97           | 20.8 ^C                | NA ^C                  |
| 00094       | Conductivity             | Grab      | N EPA_120_1                  | 01/15/97           | <5.0 umhos/cm          | 5.0 umhos/cm           |
| 00299       | Dissolved Oxygen         | Grab      | N EPA_360_1                  | 01/15/97           | 7.5 mg/l               | 0.5 mg/l               |
| 82078       | Field Filtered Turbidity | Grab      | N EPA_180_1                  | 01/15/97           | 0.02 NTU               | 0.50 NTU               |
| 77651       | EDB                      | Grab      | N EPA_504_1                  | 01/20/97           | <0.02 ug/l             | 0.02 ug/l              |
| 38760       | DBCP                     | Grab      | N EPA_504_1                  | 01/20/97           | <0.02 ug/l             | 0.02 ug/l              |
| 81552       | Acetone                  | Grab      | N EPA 8260                   | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34215       | Acrylonitrile            | Grab      | N EPA 8260                   | 01/16/97           | <8 ug/l                | 8 ug/l                 |
| 78124       | Benzene                  | Grab      | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 73085       | Bromochloromethane       | Grab      | N EPA 8260                   | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32101       | Bromodichloromethane     | Grab      | N EPA 8260                   | 01/16/97           | <0.5 ug/l              | 0.5 ug/l               |
| 32104       | Bromoform                | Grab      | N EPA 8260                   | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77041       | Carbon disulfide         | Grab      | N EPA 8260                   | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32102       | Carbon tetrachloride     | Grab      | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34301       | Chlorobenzene            | Grab      | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34311       | Chloroethane             | Grab      | N EPA 8260                   | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32106       | Chloroform               | Grab      | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 32105       | Dibromochloromethane     | Grab      | N EPA 8260                   | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34536       | 1,2-Dichlorobenzene      | Grab      | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34571       | 1,4-Dichlorobenzene      | Grab      | N EPA 8260                   | 01/16/97           | <2 ug/l                | 2 ug/l                 |

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

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 01/15/97  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 77268          | t-1,4-Dichloro-2-butene   | Grab         | N           | EPA 8260           | 01/16/97              | <100 ug/l                 | 100 ug/l                  |
| 34496          | 1,1-Dichloroethane        | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34531          | 1,2-Dichloroethane        | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34501          | 1,1-Dichloroethylene      | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77093          | c-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 34546          | t-1,2-Dichloroethylene    | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | Grab         | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | Grab         | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | Grab         | N           | EPA 8260           | 01/16/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | Grab         | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | Grab         | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | Grab         | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | Grab         | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | Grab         | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 81551          | Xylene (total)            | Grab         | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 01005          | Barium - Filtered         | Grab         | Y           | EPA 6010           | 01/24/97              | <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

Sampling Date/Time: 01/15/97  
 Report Period: 1997/1st Quarter  
 Well Purged (Y/N) NA

| STORET<br>Code | Parameter<br>Monitored | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                        |              | Y/N         |                    |                       |                           |                           |
| 00940          | Chloride               | Grab         | N           | EPA_325_2          | 01/21/97              | <1.0 mg/l                 | 1.0 mg/l                  |
| 01035          | Cobalt: Filtered       | Grab         | Y           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered   | Grab         | Y           | EPA_6010           | 01/24/97              | <100 ug/l                 | 100 ug/l                  |
| 00930          | Sodium: Filtered       | Grab         | Y           | EPA_6010           | 01/24/97              | <1.0 mg/l                 | 1.0 mg/l                  |
| 00610          | Nitrogen: Ammonia      | Grab         | N           | EPA_350_1          | 01/27/97              | <0.01 mg/l                | 0.01 mg/l                 |
| 00620          | Nitrogen: Nitrate      | Grab         | N           | EPA_353_2          | 01/22/97              | <0.02 mg/l                | 0.02 mg/l                 |
| 01012          | Beryllium              | Grab         | N           | EPA_6010           | 01/24/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium               | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                 | Grab         | N           | EPA_6010           | 01/24/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                   | Grab         | N           | EPA_6010           | 01/24/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                   | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium               | Grab         | N           | EPA_6010           | 01/24/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium               | Grab         | N           | EPA_6010           | 01/24/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                | Grab         | N           | EPA_7470           | 01/24/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 70300          | Total Dissolved Solids | Grab         | N           | EPA_160_1          | 01/21/97              | <10 mg/l                  | 10 mg/l                   |
| 01085          | Vanadium: Filtered     | Grab         | Y           | EPA_6010           | 01/24/97              | <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 #: 97-01-191-09  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 23

Citrus County Landfill

Well Specifications

Diameter (in): NA  
Water Level (ft): NA  
Total Depth (ft): NA  
Column Height (ft): NA  
Column Volume (gal): NA  
Evacuation (gal): NA  
Actual (gal): NA

Evacuation Method: NA

Sample Appearance

Tint: NA  
Color: NA  
Turbidity: NA  
Odor: NA

Environmental Conditions

Wind: NA  
Rain: NA  
Air (^C): NA  
Atmosphere: NA  
Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 1997/1st Quarter  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

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

| STORET Code | Parameter Monitored     | Samp Meth | Fld Filt | Analysis Method | Analysis Date/Time | Analysis Results/Units | Detection Limits/Units |
|-------------|-------------------------|-----------|----------|-----------------|--------------------|------------------------|------------------------|
| 77651       | EDB                     | NA        | N        | EPA 504_1       | 01/20/97           | <0.02 ug/l             | 0.02 ug/l              |
| 38760       | DBCP                    | NA        | N        | EPA 504_1       | 01/20/97           | <0.02 ug/l             | 0.02 ug/l              |
| 81552       | Acetone                 | NA        | N        | EPA 8260        | 01/16/97           | <10 ug/l               | 10 ug/l                |
| 34215       | Acrylonitrile           | NA        | N        | EPA 8260        | 01/16/97           | <8 ug/l                | 8 ug/l                 |
| 78124       | Benzene                 | NA        | N        | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 73085       | Bromochloromethane      | NA        | N        | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32101       | Bromodichloromethane    | NA        | N        | EPA 8260        | 01/16/97           | <0.5 ug/l              | 0.5 ug/l               |
| 32104       | Bromoform               | NA        | N        | EPA 8260        | 01/16/97           | <4 ug/l                | 4 ug/l                 |
| 77041       | Carbon disulfide        | NA        | N        | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32102       | Carbon tetrachloride    | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34301       | Chlorobenzene           | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34311       | Chloroethane            | NA        | N        | EPA 8260        | 01/16/97           | <5 ug/l                | 5 ug/l                 |
| 32106       | Chloroform              | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 32105       | Dibromochloromethane    | NA        | N        | EPA 8260        | 01/16/97           | <1 ug/l                | 1 ug/l                 |
| 34536       | 1,2-Dichlorobenzene     | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34571       | 1,4-Dichlorobenzene     | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77268       | t-1,4-Dichloro-2-butene | NA        | N        | EPA 8260        | 01/16/97           | <100 ug/l              | 100 ug/l               |
| 34496       | 1,1-Dichloroethane      | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34531       | 1,2-Dichloroethane      | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 34501       | 1,1-Dichloroethylene    | NA        | N        | EPA 8260        | 01/16/97           | <2 ug/l                | 2 ug/l                 |
| 77093       | c-1,2-Dichloroethylene  | NA        | N        | EPA 8260        | 01/16/97           | <3 ug/l                | 3 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

Sampling Date/Time: \_\_\_\_\_  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA

| STORET<br>Code | Parameter<br>Monitored    | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|---------------------------|--------------|-------------|--------------------|-----------------------|---------------------------|---------------------------|
|                |                           |              | Y/N         |                    |                       |                           |                           |
| 34546          | t-1,2-Dichloroethylene    | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34541          | 1,2-Dichloropropane       | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34704          | c-1,3-Dichloropropene     | NA           | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34699          | t-1,3-Dichloropropene     | NA           | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34371          | Ethylbenzene              | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77103          | 2-Hexanone                | NA           | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 34413          | Methyl bromide            | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34418          | Methyl chloride           | NA           | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 81595          | Methyl ethyl ketone       | NA           | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77424          | Methyl iodide             | NA           | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 78133          | 4-Methyl-2-pentanone      | NA           | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 77596          | Methylene bromide         | NA           | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34423          | Methylene chloride        | NA           | N           | EPA 8260           | 01/16/97              | <2.5 ug/l                 | 2.5 ug/l                  |
| 77128          | Styrene                   | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 77562          | 1,1,1,2-Tetrachloroethane | NA           | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 34516          | 1,1,2,2-Tetrachloroethane | NA           | N           | EPA 8260           | 01/16/97              | <0.2 ug/l                 | 0.2 ug/l                  |
| 34475          | Tetrachloroethylene       | NA           | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 78131          | Toluene                   | NA           | N           | EPA 8260           | 01/16/97              | <5 ug/l                   | 5 ug/l                    |
| 34506          | 1,1,1-Trichloroethane     | NA           | N           | EPA 8260           | 01/16/97              | <3 ug/l                   | 3 ug/l                    |
| 34511          | 1,1,2-Trichloroethane     | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 39180          | Trichloroethylene         | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |
| 34488          | Trichlorofluoromethane    | NA           | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77443          | 1,2,3-Trichloropropane    | NA           | N           | EPA 8260           | 01/16/97              | <4 ug/l                   | 4 ug/l                    |
| 77057          | Vinyl Acetate             | NA           | N           | EPA 8260           | 01/16/97              | <10 ug/l                  | 10 ug/l                   |
| 39175          | Vinyl Chloride            | NA           | N           | EPA 8260           | 01/16/97              | <1 ug/l                   | 1 ug/l                    |
| 81551          | Xylene (total)            | NA           | N           | EPA 8260           | 01/16/97              | <2 ug/l                   | 2 ug/l                    |

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

Quality Control Data Sheets

| Parameter       | OLI        | Amt   | Sample | MS     | MS   | MSD or           | MSD  | RPD | Analysis |         | * QC Limits * |     |    |
|-----------------|------------|-------|--------|--------|------|------------------|------|-----|----------|---------|---------------|-----|----|
|                 | Sample #   | Spike | Result | Result | %Rec | Duplicate Result | %Rec |     | Date     | Analyst | Min/Max       | RPD |    |
| Barium          | 9701191-01 | 400   | 67.5   | 439.2  | 93   | 426.7            | 90   | 3   | 01/24/97 | DM      | 85            | 111 | 11 |
| Cobalt          | 9701191-01 | 400   | 50.1   | 416.7  | 92   | 403.1            | 88   | 3   | 01/24/97 | DM      | 84            | 118 | 10 |
| Iron            | 9701191-01 | 4000  | 24870  | 26720  | 46   | 25330            | 12   | 5   | 01/24/97 | DM      | 79            | 121 | 13 |
| Sodium          | 9701191-01 | 20000 | 14000  | 33340  | 97   | 32170            | 91   | 4   | 01/24/97 | DM      | 75            | 145 | 10 |
| Vanadium        | 9701191-01 | 400   | <20    | 372.7  | 93   | 362.5            | 91   | 3   | 01/24/97 | DM      | 85            | 118 | 10 |
| Beryllium       | 9701191-01 | 200   | <4.0   | 192.6  | 96   | 186.3            | 93   | 3   | 01/24/97 | DM      | 87            | 115 | 10 |
| Cadmium         | 9701191-01 | 200   | <5.0   | 182.8  | 91   | 176.7            | 88   | 3   | 01/24/97 | DM      | 83            | 116 | 10 |
| Chromium        | 9701191-01 | 400   | <10    | 370.8  | 93   | 359.6            | 90   | 3   | 01/24/97 | DM      | 83            | 115 | 11 |
| Copper          | 9701191-01 | 400   | 11.1   | 397.0  | 97   | 389.1            | 95   | 2   | 01/24/97 | DM      | 87            | 118 | 19 |
| Nickel          | 9701191-01 | 400   | 34.7   | 398.4  | 91   | 384.2            | 87   | 4   | 01/24/97 | DM      | 88            | 117 | 11 |
| Silver          | 9701191-01 | 400   | <10    | 344.6  | 86   | 374.6            | 94   | 8   | 01/24/97 | DM      | 88            | 111 | 10 |
| Zinc            | 9701191-01 | 2000  | <50    | 1777   | 89   | 1720             | 86   | 3   | 01/24/97 | DM      | 81            | 118 | 10 |
| Arsenic         | 9701191-01 | 200   | 8.7    | 196.8  | 94   | 190.7            | 91   | 3   | 01/24/97 | DM      | 86            | 115 | 14 |
| Lead            | 9701191-01 | 200   | <5.0   | 183.8  | 92   | 177.0            | 89   | 4   | 01/24/97 | DM      | 81            | 119 | 11 |
| Selenium        | 9701191-01 | 200   | <5.0   | 185.2  | 93   | 178.1            | 89   | 4   | 01/24/97 | DM      | 86            | 120 | 13 |
| Antimony        | 9701191-01 | 200   | <5.0   | 183.6  | 92   | 178.2            | 89   | 3   | 01/24/97 | DM      | 83            | 118 | 11 |
| Thallium        | 9701191-01 | 200   | <5.0   | 187.7  | 94   | 182.9            | 92   | 3   | 01/24/97 | DM      | 83            | 112 | 13 |
| Mercury         | 9701191-01 | 1.0   | <0.10  | 0.9817 | 98   | 1.0424           | 104  | 6   | 01/30/97 | JG      | 67            | 128 | 12 |
| Mercury         | 9701191-03 | 1.0   | <0.10  | 1.0646 | 106  | 1.0376           | 104  | 3   | 02/03/97 | JG      | 67            | 128 | 12 |
| Nitrite         | 9701191-02 | 1.0   | <0.02  | 1.01   | 101  | 1.02             | 102  | 1   | 01/17/97 | GP      | 61            | 136 | 4  |
| Chloride        | 9701153-02 | 10    | 22.3   | 32.0   | 97   | 32.0             | 97   | 0   | 01/21/97 | GP      | 89            | 115 | 4  |
| Chloride        | 9701191-05 | 10    | 4.7    | 15.8   | 111  | 15.6             | 109  | 1   | 01/21/97 | GP      | 89            | 115 | 4  |
| Nitrate/Nitrite | 9701191-02 | 1.0   | 0.03   | 0.79   | 76   | 0.78             | 75   | 1   | 01/22/97 | GP      | 53            | 127 | 7  |
| Total Dissolve  | 9701214-01 |       | 2700   |        | NA   | 2720             | NA   | 1   | 01/21/97 | SL      |               |     | 14 |
| Ammonia Nitroge | 9701191-02 | 1.0   | 0.08   | 1.21   | 113  | 1.21             | 113  | 0   | 01/27/97 | GP      | 42            | 119 | 11 |

Parameter Sample # Case Narrative for 97-01-191

|        |    |                                                                                                                                                            |
|--------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Iron   | QC | Spike recovery data out of QC limits due to high analyte concentration. (Concentration of spike was insignificant when compared to analyte concentration.) |
| Silver | QC | Digestion spike recovery out of QC limits due to chemical interferences present during digestion. Procedural spike recovery was 102%.                      |

\* 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: 1-20-1997  
EPA METHOD : 504/8011

LAB SAMPLE #: 9701153-3  
ANALYSIS DATE: 1-17-97

| COMPOUND             | AMOUNT<br>SPIKED | SAMPLE<br>RESULT | MS<br>RESULT | MS %<br>RECOVERY | MSD<br>RESULT | MSD %<br>RECOVERY | RPD |
|----------------------|------------------|------------------|--------------|------------------|---------------|-------------------|-----|
| Ethylene Dibromide   | 0.21             | 0.00             | 0.18         | 86               | 0.20          | 95                | 11  |
| Dibromochloropropane | 0.21             | 0.00             | 0.13         | 62 *             | 0.15          | 71                | 14  |

MATRIX SPIKE QUALITY CONTROL LIMITS

| COMPOUND             | WATER |       |     | SOIL  |       |     |
|----------------------|-------|-------|-----|-------|-------|-----|
|                      | LOWER | UPPER | RPD | LOWER | UPPER | RPD |
| Ethylene Dibromide   | 71    | 144   | 22  | NA    | NA    | NA  |
| Dibromochloropropane | 69    | 137   | 14  | NA    | NA    | NA  |

NOTE: \* Parameter outside of QC limits due to matrix effects.

ORLANDO LABORATORIES, INC.

GC ORGANICS

MATRIX SPIKE RESULTS

MATRIX : Water  
REPORT DATE: 1-17-1997  
EPA METHOD : 624/8260

LAB SAMPLE #: 9701138-24  
ANALYSIS DATE: 1/16/97

| COMPOUND           | AMOUNT<br>SPIKED | SAMPLE<br>RESULT | MS<br>RESULT | MS %<br>RECOVERY | MSD<br>RESULT | MSD %<br>RECOVERY | RPD |
|--------------------|------------------|------------------|--------------|------------------|---------------|-------------------|-----|
| 1,1-Dichloroethene | 50               | 0                | 44.0         | 88               | 46.0          | 92                | 4   |
| Trichloroethene    | 50               | 0                | 52.0         | 104              | 51.0          | 102               | 2   |
| Benzene            | 50               | 0                | 48.0         | 96               | 47.0          | 94                | 2   |
| Toluene            | 50               | 0                | 49.0         | 98               | 50.0          | 100               | 2   |
| Chlorobenzene      | 50               | 0                | 49.0         | 98               | 48.0          | 96                | 2   |

MATRIX SPIKE QUALITY CONTROL LIMITS

| COMPOUND           | WATER |       |     | SOIL  |       |     |
|--------------------|-------|-------|-----|-------|-------|-----|
|                    | LOWER | UPPER | RPD | LOWER | UPPER | RPD |
| 1,1-Dichloroethene | 69    | 140   | 26  | NA    | NA    | NA  |
| Trichloroethene    | 47    | 154   | 30  | NA    | NA    | NA  |
| Benzene            | 62    | 137   | 29  | NA    | NA    | NA  |
| Toluene            | 62    | 121   | 26  | NA    | NA    | NA  |
| Chlorobenzene      | 70    | 128   | 26  | NA    | NA    | NA  |

Client: **CITAS Corp. - Seminole County**

Project Name / Number: **Semi-Annual Groundwater**

**PWSID#**

Site Location: **LELANDO, FL**

Sample ID: **MW-AA**

Sampling Date & Time: **01/15/97 1520**

Number of Bottles: **7**

Sample Type: **GWB**

Sample Matrix: **G.W.**

Sampling Method: **BAT # 1154**

Well Evacuation Method: **SoB**

| Well Specifications |                   | Volume in Gallons/ft is equal to 0.041 x Diameter <sup>2</sup> x Height  |                   |                          |         |
|---------------------|-------------------|--------------------------------------------------------------------------|-------------------|--------------------------|---------|
| Diameter            | <b>2</b> in.      | Well Casing Composition: <b>PVC</b>                                      |                   | In Place Plumbing Data:  |         |
| Water Level         | <b>100.67</b> ft. | GPF60 - CR Gallons                                                       | Plumbing Material | <b>Pvc/SS</b>            |         |
| Total Depth         | <b>106.11</b> ft. | <b>C.V. X 0.163 = 0.89</b><br><b>3x = 2.67</b><br><b>5x = 4.45</b>       | Purge Flow Rate   | <b>1.0</b>               | Gal/min |
| Column Height       | <b>5.44</b> ft.   |                                                                          | Purge Time        | <b>7.0</b>               | min     |
| Column Volume       | <b>0.89</b> gal.  |                                                                          | Sample Flow Rate  | <b>60.0-80.0</b> ml/min  |         |
| Min Evac.           | <b>2.67</b> gal.  | Well Purged: Dry, or 3x and field tests within 5%, or <b>3x</b> <b>A</b> |                   |                          |         |
| Actual              | <b>7.0</b> gal.   | NGVD. MSL/TOC                                                            | H W/TOC           | (-) WATER LEVEL/MSL/NGVD |         |

| Well Purging Data |                                                                           |  |  |  |  | Field Parameters         |             |             |
|-------------------|---------------------------------------------------------------------------|--|--|--|--|--------------------------|-------------|-------------|
| Gallons/Time      |                                                                           |  |  |  |  | Tests                    | 1st         | 2nd         |
| Temperature       | <del> <div> <div></div> <div></div> <div></div> <div></div> </div> </del> |  |  |  |  | Temp.                    | <b>24.1</b> |             |
| Conductivity      |                                                                           |  |  |  |  | Cond.                    | <b>750</b>  |             |
| pH                |                                                                           |  |  |  |  | pH                       | <b>6.38</b> |             |
| Begin time        |                                                                           |  |  |  |  | <b>1211</b>              | End time    | <b>1218</b> |
| Purging Comments: |                                                                           |  |  |  |  | Additional Test Results: |             |             |

| Sampling Information |       |                        | Sample Appearance       |               | Environmental Conditions |                |
|----------------------|-------|------------------------|-------------------------|---------------|--------------------------|----------------|
|                      | Depth | Drums:                 | Tint                    | <b>NONE</b>   | Air Temp.                | <b>19.3</b>    |
| Surface Water        |       | Type                   | Color                   | <b>CLEAR</b>  | Wind                     | <b>S 10-15</b> |
| Soil/Sediments       |       | Contents               | Turbidity               |               | Rain                     | <b>NONE</b>    |
|                      |       | Layer Sampled          | Odor                    | <b>MEDIUM</b> | Atmosphere               | <b>O.C.</b>    |
| Wastewater:          |       |                        |                         |               | Other                    |                |
| Type of Composite    |       | Drilling/boring method | Turbidity before filter | <b>7.59</b>   |                          |                |
| Begin time           |       | Drilling fluid used    | Turbidity after filter  | <b>4.56</b>   |                          |                |
| End time             |       |                        |                         |               |                          |                |

Additional Information:

Field Filtered? **Y** or N 0.45um or 1.0um

Fuel Power Unit Downline? **Y** or N

Field Decon Performed? **Y** or N **SW**

Decon Waste Contained? **Y** or **N**

Purge Waste Contained? **Y** or **N**

Sampler's Signature

**Jim W. & Dale D. -**



# of Containers 7



**Containers:**

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

Client: **CITAS Corp. - SANITARIUM**Project Name / Number: **SEMI-Annual Groundwater**

PWSID#

Site Location: **LECHATO, FL**Sample ID: **MW-C**Sampling Date & Time: **01/15/97 1545**Number of Bottles: **7**Sample Type: **GRB.**Sample Matrix: **G.W.**Sampling Method: **BAT w/ a GRB**Well Evacuation Method: **SUB. IPP**

## Well Specifications

Volume in Gallons/ft is equal to  $0.041 \times \text{Diameter}^2 \times \text{Height}$ 

|               |                          |                            |         |                                                                    |                        |
|---------------|--------------------------|----------------------------|---------|--------------------------------------------------------------------|------------------------|
| Diameter      | 2 in.                    | Well Casing Composition:   | PVC     | In Place Plumbing Data:                                            |                        |
| Water Level   | 109.60 ft.               | GPF(b) - CR Gallons        |         | Plumbing Material                                                  | PVC/SS                 |
| Total Depth   | 121.00 ft.               | C.H. $\times 0.103 = 7.44$ |         | Purge Flow Rate                                                    | $\approx 10.0$ Gal/min |
| Column Height | 11.40 ft.                | 3x = $0.653 = 4.86$        |         | Purge Time                                                         | $\approx 11.0$ min     |
| Column Volume | 7.44 + 4.86 = 12.30 gal. | 5x = 22.32                 |         | Sample Flow Rate                                                   | 60.0 - 80.0 ml/min     |
| Min Evac.     | N/A gal.                 | 37.20                      |         | Well Purged: Dry, or 3x and field tests within 5%, or $\text{O}_2$ |                        |
| Actual        | $\approx 110.0$ gal.     | NGVD. MSUTOC               | H W/TOC | (-) WATER LEVEL/MSL/NGVD                                           |                        |

## Well Purging Data

## Field Parameters

|                   |      |          |      |  |  |  |                          |      |     |
|-------------------|------|----------|------|--|--|--|--------------------------|------|-----|
| Gallons/Time      |      |          |      |  |  |  | Tests                    | 1st  | 2nd |
| Temperature       |      |          | N/A  |  |  |  | Temp.                    | 20.8 |     |
| Conductivity      |      |          |      |  |  |  | Cond.                    | 191  |     |
| pH                |      |          |      |  |  |  | pH                       | 7.69 |     |
| Begin time        | 1148 | End time | 1159 |  |  |  | D.O.                     | 6.0  |     |
| Purging Comments: |      |          |      |  |  |  | Additional Test Results: |      |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

|                   |                        |                         |       |            |       |
|-------------------|------------------------|-------------------------|-------|------------|-------|
| Depth             | Drums:                 | Tint                    | None  | Air Temp.  | 19.6  |
| Surface Water     | Type                   | Color                   | Clear | Wind       | 0-5 E |
| Soil/Sediments    | Contents               | Turbidity               | 4.49  | Rain       | None  |
|                   | Layer Sampled          | Odor                    | Light | Atmosphere | OC    |
| Wastewater:       |                        |                         |       | Other      |       |
| Type of Composite | Drilling/boring method | Turbidity before filter |       |            |       |
| Begin time        | Drilling fluid used    | Turbidity after filter  | N/A   |            |       |
| End time          |                        |                         |       |            |       |

## Additional Information:

Field Filtered? Y or ☒ 0.45um or 1.0um

Fuel Power Unit Downline? ☒ or N

Field Decon Performed? ☒ or N **SW**

Decon Waste Contained? Y or ☒

Purge Waste Contained? Y or ☒

Sampler's Signature

Sim W. &amp; Dale D.



# of Containers 7

A

**Containers:**

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

Client: **CITAS CA - Solid Waste**Project Name / Number: **Semi-Annual Groundwater**

PWSID#

Site Location: **LECANTO, FL**Sample ID: **MW-MW-C DUP**Sampling **011597**  
Date & Time: **1555**Number of  
Bottles: **7**Sample Type:  
**GRB**Sample Matrix:  
**G.W.**Sampling Method:  
**BAT # GRB**Well Evacuation  
Method: **SUB NIA IPO**

## Well Specifications

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

| Diameter      | 2 in.        | Well Casing Composition:                                  | In Place Plumbing Data |
|---------------|--------------|-----------------------------------------------------------|------------------------|
| Water Level   | 109.60 ft.   | PVC                                                       | Plumbing Material      |
| Total Depth   | 121.00 ft.   | GPF(b) -CR Gallons                                        | Purge Flow Rate        |
| Column Height | 11.40 ft.    | CA. X 0.468 = 7.44                                        | Purge Time             |
| Column Volume | 7.44 gal.    | 3x = 0.653                                                | Sample Flow Rate       |
| Min Evac.     | N/A gal.     | 5x = 22.32                                                |                        |
| Actual        | 3 110.0 gal. | 37.20                                                     |                        |
|               |              | Well Purged: (Dry) or 3x and field tests within 5%, or 5x |                        |
|               |              | NGVD. MSL/TOC                                             | H W/TOC                |
|               |              | (-) WATER LEVEL/MSL/NGVD                                  |                        |

## Well Purging Data

## Field Parameters

| Gallons/Time      | Temperature | Conductivity | pH | Begin time | End time | Tests                    | 1st  | 2nd |
|-------------------|-------------|--------------|----|------------|----------|--------------------------|------|-----|
|                   |             |              |    | 1148       | 1159     | Temp.                    | 22.6 |     |
|                   |             |              |    |            |          | Cond.                    | 195  |     |
|                   |             |              |    |            |          | pH                       | 7.88 |     |
|                   |             |              |    |            |          | D.O.                     | 7.8  |     |
| Purging Comments: |             |              |    |            |          | Additional Test Results: |      |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

| Depth             | Drums:                 | Tint                    | Air Temp.  |
|-------------------|------------------------|-------------------------|------------|
| Surface Water     | Type                   | NONE                    | 19.6       |
| Soil/Sediments    | Contents               | CLEAR                   | Wind       |
|                   | Layer Sampled          | Turbidity               | Rain       |
| Wastewater:       |                        | Odor                    | Atmosphere |
| Type of Composite | Drilling/boring method |                         | Other      |
| Begin time        | Drilling fluid used    | Turbidity before filter |            |
| End time          |                        | Turbidity after filter  |            |

## Additional Information:

Field Filtered? Y or N 0.45um or 1.0um  
 Fuel Power Unit Downline? Y or N  
 Field Decon Performed? Y or N  
 Decon Waste Contained? Y or N  
 Purge Waste Contained? Y or N

Sampler's Signature

Jim W. &amp; Dale D. -



**Workorder#** \_\_\_\_\_

# of Containers 7

16

**Field Codes (Order of Sample Collection):**

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

**Containers:**

### Vials (A)

### Mason Jars (B)

**Glass:**

### Plastič:

**gallon (C)**

**gallon (I)**

80 oz. (D)

1/2 gallon (J)

32 oz. (E)

80 oz. (K)

16 oz. (F)

32 oz. (L)

8oz. (G)

16 oz. (M)

4oz. (H)

8oz. (N)

4oz. (O)

Client: **Cities Com - Solid Waste**Project Name / Number: **Semi-Annual Groundwater**

PWSID#

Site Location: **LELANDO, FL**Sample ID: **MW-D**Sampling **01 1597**  
Date & Time: **1/25**Number of  
Bottles: **7**Sample Type:  
**GRB.**Sample Matrix:  
**G.W.**Sampling Method:  
**BAT # 1153**Well Evacuation  
Method: **SoB.**

## Well Specifications

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

| Diameter      | 2 in.       | Well Casing Composition:                                   | PVC     | In Place Plumbing Data:  |                   |
|---------------|-------------|------------------------------------------------------------|---------|--------------------------|-------------------|
| Water Level   | 104.43 ft   | GPF(b) - CR Gallons                                        |         | Plumbing Material        | Pvc/SS            |
| Total Depth   | 209.77 ft   | C.V. X 0.463 = 68.79<br>3x = 0.653 = 206.37<br>5x = 343.45 |         | Purge Flow Rate          | 3.0 320H2 Gal/min |
| Column Height | 105.34 ft   |                                                            |         | Purge Time               | 79.0 min          |
| Column Volume | 68.79 gal.  |                                                            |         | Sample Flow Rate         | 60.0-80.0 ml/min  |
| Min Evac.     | 206.37 gal. | Well Purged: Dry, or 3x and field tests within 5% or 5x    |         |                          |                   |
| Actual        | 237.0 gal.  | NGVD. MS/TOC                                               | H W/TOC | (-) WATER LEVEL/MSL NGVD |                   |

## Well Purging Data

## Field Parameters

| Gallons/Time      | 216/1044 | 223/1046 | 229/1047 | 231/1049 |  |  | Tests                    | 1st  | 2nd |
|-------------------|----------|----------|----------|----------|--|--|--------------------------|------|-----|
| Temperature       | 23.6     | 24.4     | 24.6     | 24.6     |  |  | Temp.                    | 23.5 |     |
| Conductivity      | 309      | 286      | 295      | 298      |  |  | Cond.                    | 240  |     |
| pH                | 6.77     | 7.00     | 7.11     | 7.21     |  |  | pH                       | 7.36 |     |
| Begin time        | 0932     | End time | 1051     |          |  |  | D.O.                     | 2.5  |     |
| Purging Comments: |          |          |          |          |  |  | Additional Test Results: |      |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

| Depth             | Drums:                 |  | Tint                    | NONE  | Air Temp.  | 20.5    |
|-------------------|------------------------|--|-------------------------|-------|------------|---------|
| Surface Water     | Type                   |  | Color                   | RUST  | Wind       | S 15-20 |
| Soil/Sediments    | Contents               |  | Turbidity               |       | Rain       | NONE    |
|                   | Layer Sampled          |  | Odor                    | NONE  | Atmosphere | O.C.    |
| Wastewater:       |                        |  |                         |       | Other      |         |
| Type of Composite | Drilling/boring method |  | Turbidity before filter | 15.05 |            |         |
| Begin time        | Drilling mud used      |  | Turbidity after filter  | 0.18  |            |         |
| End time          |                        |  |                         |       |            |         |

## Additional Information:

USED 2 1.0µm Filters

Field Filtered? ☒ Y or N 0.45µm or 1.0µm

Fuel Power Unit Downline? ☒ Y or N

Field Decon Performed? ☒ Y or N **3U**

Decon Waste Contained? Y or ☒ N

Purge Waste Contained? Y or ☒ N

Sampler's Signature

Jim W. &amp; Dale D. -

# of Containers 7

A handwritten signature in black ink, appearing to be "L.A." or similar, located at the bottom right of the page.

### Containers:

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

Client: **Cintas Corp. - Solid Waste**Project Name / Number: **Semi-Annual Groundwater**

PWSID#

Site Location: **LECAUTO, FL**Sample ID: **MW- E**Sampling **01/5/97**  
Date & Time: **1500**Number of  
Bottles: **7**Sample Type:  
**GRB.**Sample Matrix:  
**G.W.**Sampling Method:  
**BAT # 1155**Well Evacuation  
Method: **Seal H.B.**

## Well Specifications

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

Diameter **2** in.Well Casing Composition: **PVC**

In Place Plumbing Data:

Water Level **104.13** ft.GPF(b) **-CR** GallonsPlumbing  
Material**PVC/SS**Total Depth **117.70** ft. $CA \times 0.163 = 2.21$ Purge Flow  
Rate**± 0.27** Gal/mColumn Height **13.57** ft. $3x = 6.63$ 

Purge Time

**± 42.0** mColumn Volume **2.21** gal. $5x = 11.06$ Sample Flow  
Rate**60.0-80.0** ml/mMin Evac. **6.63** gal.Well Purged: Dry, or 3x and field tests within 5%, or **2x**Actual **± 11.5** gal.NGVD.  
MSL/TOC

H W/TOC

(-) WATER LEVEL/  
MSL/NGVD

## Well Purging Data

## Field Parameters

| Gallons/Time |             |          |             |  |  |
|--------------|-------------|----------|-------------|--|--|
| Temperature  |             |          |             |  |  |
| Conductivity |             |          |             |  |  |
| pH           |             |          |             |  |  |
| Begin time   | <b>1004</b> | End time | <b>1046</b> |  |  |

| Tests | 1st         | 2nd |
|-------|-------------|-----|
| Temp. | <b>23.8</b> |     |
| Cond. | <b>700</b>  |     |
| pH    | <b>6.71</b> |     |
| D.O.  | <b>2.8</b>  |     |

Purging Comments:

Additional Test Results:

## Sampling Information

## Sample Appearance

## Environmental Conditions

| Depth             | Drums:                 | Tint                                | Air Temp.              |
|-------------------|------------------------|-------------------------------------|------------------------|
| Surface Water     | Type                   | <b>LIGHT</b>                        | <b>19.8</b>            |
| Soil/Sediments    | Contents               | <b>WHITE</b>                        | Wind <b>5-10</b>       |
|                   | Layer Sampled          | <b>LIGHT</b>                        | Rain <b>NO</b>         |
| Wastewater:       |                        |                                     | Atmosphere <b>C.L.</b> |
| Type of Composite | Drilling/boring method |                                     | Other                  |
| Begin time        | Drilling fluid used    | Turbidity before filter <b>21.0</b> |                        |
| End time          |                        | Turbidity after filter <b>4.72</b>  |                        |

Additional Information:

**WELL WAS UNLOCKED****TAH GASS FOUND WELL**

Field Filtered?

**(Y)** or N 0.45um or **(1.0um)**

Fuel Power Unit Downline?

**(Y)** or N

Field Decon Performed?

**(Y)** or N **(SW)**

Decon Waste Contained?

Y or **(Y)**

Purge Waste Contained?

Y or **(Y)**

Sampler's Signature

**Jim W. & Dale D. -**



# of Containers 7

4

**Containers:**

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

Client: CITAS Co. - SoliswaseProject Name / Number: Semi-Annual Groundwater

PWSID#

Site Location: LECANTO, FLSample ID: MW- 2Sampling 011597  
Date & Time: 11/16/15Number of  
Bottles: 7Sample Type:  
GWB.Sample Matrix:  
G.W.Sampling Method:  
BAT # 1155Well Evacuation  
Method: Sub.

## Well Specifications

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

Diameter 2 in.Well Casing Composition: PVC

In Place Plumbing Data:

Water Level 128.67 ft.

GPF(x) - CR Gallons

Plumbing  
MaterialPVC/SSTotal Depth 161.90 ft.

C.V. X 0.163 = 5.42

Purge Flow  
Rate2.0 3000  
Gal/mColumn Height 33.23 ft.

3x = 16.26

Purge Time

25.0 mColumn Volume 5.42 gal.

5x = 27.10

Sample Flow  
Rate60.0-80.0 m/mMin Evac. 16.26 gal.Well Purged: Dry, or 3x and field tests within 5%, or 6x 3xActual 50.0 gal.NGVD.  
MSL/TOC

H W/TOC

(-) WATER LEVEL/  
MSL/NGVD

## Well Purging Data

## Field Parameters

Gallons/Time

Temperature

Conductivity

pH

Begin time

1245

End time

1310

Tests

1st

2nd

Temp.

21.5

Cond.

30

pH

6.53

D.O.

6.8

Purging Comments:

Additional Test Results:

## Sampling Information

## Sample Appearance

## Environmental Conditions

Depth

Drums:

Tint

NONE

Air Temp.

19.8

Surface Water

Type

Color

CLEAR

Wind

0-5 E

Soil/Sediments

Contents

Turbidity

15.55 N/A

Rain

NONE

Layer Sampled

Odor

LIGHT

Atmosphere

OC

Wastewater:

Other

Type of Composite

Drilling/boring  
methodTurbidity  
before filter15.55

Begin time

Drilling fluid  
usedTurbidity  
after filter1.19

End time

## Additional Information:

\* USED A 0.45  $\mu$ m FILTER AFTER USING 9.0  $\mu$ m  
FILTERS WITHOUT LOWERING TURBIDITYUSED 8.1  $\mu$ mField Filtered? \*Y or N 0.45um or 1.0um

Fuel Power Unit Downline?

Y or N

Field Decon Performed?

Y or N SW

Decon Waste Contained?

Y or Y

Purge Waste Contained?

Y or Y

Sampler's Signature

Jim W. & Dale D. - [Signature]

# of Containers 7

6

**Containers:**

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

Client: CITAS Corp - Solid WasteProject Name / Number: Semi-Annual Groundwater

PWSID#

Site Location: LELANDO, FLSample ID: MW-1 EQUIP BLANKSampling 01/15/97  
Date & Time: 1405Number of  
Bottles: 7Sample Type:  
GRB.Sample Matrix:  
G.W.Sampling Method:  
BAT # 1153Well Evacuation  
Method: Sub. N/A

## Well Specifications

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

|               |                 |                                                          |            |                              |                         |
|---------------|-----------------|----------------------------------------------------------|------------|------------------------------|-------------------------|
| Diameter      | <u>2</u> in.    | Well Casing Composition:                                 | <u>PVC</u> | In Place Plumbing Data       |                         |
| Water Level   | <u>/</u> ft.    | GPF(b)                                                   | <u>-CR</u> | Plumbing Material            | <u>PVC/SS</u>           |
| Total Depth   | <u>/</u> ft.    | Cal. X 0.163 =                                           | <u>/</u>   | Purge Flow Rate              | <u>/</u> Gal/min        |
| Column Height | <u>/</u> ft.    | 3x =                                                     | <u>/</u>   | Purge Time                   | <u>/</u> min            |
| Column Volume | <u>N/A</u> gal. | 5x =                                                     | <u>N/A</u> | Sample Flow Rate             | <u>60.0-80.0</u> ml/min |
| Min Evac.     | <u>/</u> gal.   | Well Purged: Dry, or 3x and field tests within 5%, or 5x |            |                              |                         |
| Actual        | <u>2</u> gal.   | NGVD.<br>MSL/TOC                                         | H W/TOC    | (-) WATER LEVEL/<br>MSL/NGVD |                         |

## Well Purging Data

## Field Parameters

|                   |  |          |  |  |  |                          |                |             |
|-------------------|--|----------|--|--|--|--------------------------|----------------|-------------|
| Gallons/Time      |  |          |  |  |  | Tests                    | 1st            | 2nd         |
| Temperature       |  |          |  |  |  | Temp.                    | <u>20.8</u>    | <u>/</u>    |
| Conductivity      |  |          |  |  |  | Cond.                    | <u>&lt;5.0</u> | <u>/</u>    |
| pH                |  |          |  |  |  | pH                       | <u>7.67</u>    | <u>/</u>    |
| Begin time        |  | End time |  |  |  | D.O.                     | <u>7.5</u>     | <u>10.5</u> |
| Purging Comments: |  |          |  |  |  | Additional Test Results: |                |             |

## Sampling Information

## Sample Appearance

## Environmental Conditions

|                   |                        |          |  |                         |              |            |                |
|-------------------|------------------------|----------|--|-------------------------|--------------|------------|----------------|
| Surface Water     | Depth                  | Drums:   |  | Tint                    | <u>none</u>  | Air Temp.  | <u>21.3</u>    |
| Soil/Sediments    | Type                   | Contents |  | Color                   | <u>clear</u> | Wind       | <u>5-10-15</u> |
| Wastewater:       | Layer Sampled          |          |  | Turbidity               | <u>0.08</u>  | Rain       | <u>none</u>    |
| Type of Composite | Drilling/boring method |          |  | Odor                    | <u>none</u>  | Atmosphere | <u>O.C.</u>    |
| Begin time        | Drilling mud used      |          |  | Turbidity before filter | <u>0.08</u>  | Other      | <u>/</u>       |
| End time          |                        |          |  | Turbidity after filter  | <u>0.02</u>  |            |                |

## Additional Information:

Field Filtered? Y or N 0.45um or 1.0um

Fuel Power Unit Downline? Y or N

Field Decon Performed? Y or N SW

Decon Waste Contained? Y or Y

Purge Waste Contained? Y or Y

Sampler's Signature

Jim W. Dale D. -

# of Containers 7

20

### Containers:

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



*Resamples*

ORLANDO LABS

Miami • Orlando • Atlanta • Raleigh

*1030*  
*allison*  
RECEIVED

MAR 27 1997

DEP

REPORT OF ANALYSIS

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

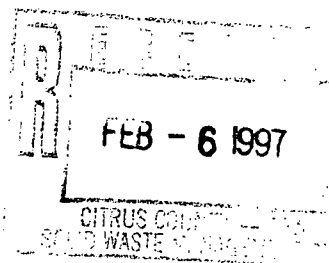
Work Order # : 97-01-289  
Date Received: 01/23/97  
Report Due by: 01/30/97  
OLI Contact: K\_VAULT

Work ID: MW-2 & 3 Resample  
Samples collected by: OLI Field Team  
Total Samples: 3

| <u>Sample Identification</u> | <u>Description of Analysis</u>                                                           | <u>Description of Analysis</u>                                                               |
|------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 01A MW-2                     | Field Data for DER Samples<br>Cobalt: Filtered<br>Sodium: Filtered<br>Vanadium: Filtered | Barium: Filtered<br>Iron: Field Filtered<br>Priority Pollutant/H-Metal                       |
| 02A MW-3                     | Field Data for DER Samples<br>Cobalt: Filtered<br>Sodium: Filtered<br>Vanadium: Filtered | Barium: Filtered<br>Iron: Field Filtered<br>Priority Pollutant/H-Metal                       |
| 03A Equip Blank              | Field Data for DER Samples<br>Cobalt: Filtered<br>Sodium: Filtered<br>QC for Metals      | Barium: Filtered<br>Iron: Field Filtered<br>Priority Pollutant/H-Metal<br>Vanadium: Filtered |

Respectfully Submitted,  
ORLANDO LABORATORIES, INC.

*[Signature]*  
Authorized Laboratory Signature

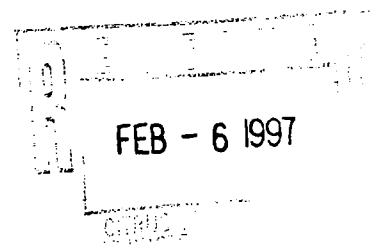


Orlando Laboratories, Inc.  
Work Order 97-01-289

Analytes Whose Results Exceed  
Maximum Guidance Contamination Levels

| <u>OLI</u><br><u>Number</u> | <u>Sample</u><br><u>Identification</u> | <u>Test/Analyte</u><br><u>Name</u>     | <u>Result</u> | <u>MCL</u> | <u>Units</u> |
|-----------------------------|----------------------------------------|----------------------------------------|---------------|------------|--------------|
| 01A                         | MW-2                                   | Field Data for DER Samples<br>Field pH | 5.68          | 6.5-8.5    | UNITS        |
| 02A                         | MW-3                                   | Field Data for DER Samples<br>Field pH | 5.99          | 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 #: 97-01-289-01  
Client: Citrus County

Orlando Laboratories, Inc.  
Report of Analysis for DER

Page: 2

Citrus County Landfill

PARAMETER MONITORING REPORT

Part III: Analytical Results

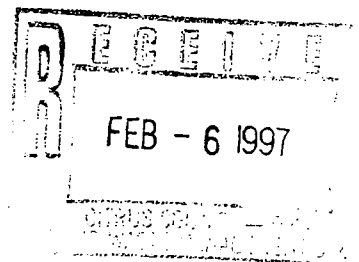
Facility GMS #: 4009C00086  
Test Site ID #: 4009A15909  
Well Name: MW-2  
Classification of Groundwater: G-II

Sampling Date/Time: 01/23/97 10:10:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: ☒ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

Ground Water Elevation (NGVD): \_\_\_\_\_  
or (MSL): 136.29

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Grab         | N EPA_150_1                        | 01/23/97              | <del>5.68</del> Units     | NA Units                  |
| 00010          | Temperature              | Grab         | N EPA_170_1                        | 01/23/97              | 22.3 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Grab         | N EPA_120_1                        | 01/23/97              | 18 umhos/cm               | 5.0 umhos/cm              |
| 72020          | Water Level              | Grab         | N Tape_Measu                       | 01/23/97              | 128.70 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Grab         | N EPA_360_1                        | 01/23/97              | 8.8 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Grab         | N EPA_180_1                        | 01/23/97              | 0.26 NTU                  | 0.50 NTU                  |
| 01005          | Barium: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01035          | Cobalt: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered     | Grab         | Y EPA_6010                         | 01/27/97              | 240 ug/l                  | 100 ug/l                  |
| 00930          | Sodium: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | 1.9 mg/l                  | 1.0 mg/l                  |
| 01012          | Beryllium                | Grab         | N EPA_6010                         | 01/27/97 MDL=MCL      | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                  | Grab         | N EPA_6010                         | 01/27/97 "            | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium                 | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                     | Grab         | N EPA_6010                         | 01/27/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                  | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                     | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony                 | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium                 | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium                 | Grab         | N EPA_6010                         | 01/27/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                  | Grab         | N EPA_7470                         | 01/27/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 01085          | Vanadium: Filtered       | Grab         | Y EPA_6010                         | 01/27/97              | <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

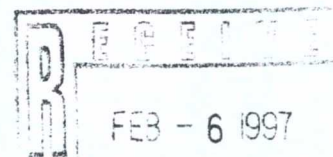
Part III: Analytical Results

Facility GMS #: 4009C00086  
Test Site ID #: 4009A15910  
Well Name: MW-3  
Classification of Groundwater: G-II  
Ground Water Elevation (NGVD):  
or (MSL): 6.92

Sampling Date/Time: 01/23/97 11:25:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) YES  
Well type: [X] Background  
[ ] Intermediate  
[ ] Compliance  
[ ] Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld Analysis<br>Filt Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|------------------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Grab         | N EPA_150_1                        | 01/23/97              | 5.99 Units                | NA Units                  |
| 00010          | Temperature              | Grab         | N EPA_170_1                        | 01/23/97              | 21.7 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Grab         | N EPA_120_1                        | 01/23/97              | 25 umhos/cm               | 5.0 umhos/cm              |
| 72020          | Water Level              | Grab         | N Tape Measu                       | 01/23/97              | 113.55 Feet               | NA Feet                   |
| 00299          | Dissolved Oxygen         | Grab         | N EPA_360_1                        | 01/23/97              | 5.2 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Grab         | N EPA_180_1                        | 01/23/97              | 0.19 NTU                  | 0.50 NTU                  |
| 01005          | Barium: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01035          | Cobalt: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered     | Grab         | Y EPA_6010                         | 01/27/97              | <100 ug/l                 | 100 ug/l                  |
| 00930          | Sodium: Filtered         | Grab         | Y EPA_6010                         | 01/27/97              | 2.2 mg/l                  | 1.0 mg/l                  |
| 01012          | Beryllium                | Grab         | N EPA_6010                         | 01/27/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                  | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium                 | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                   | Grab         | N EPA_6010                         | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                     | Grab         | N EPA_6010                         | 01/27/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                  | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                     | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony                 | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium                 | Grab         | N EPA_6010                         | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium                 | Grab         | N EPA_6010                         | 01/27/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                  | Grab         | N EPA_7470                         | 01/27/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 01085          | Vanadium: Filtered       | Grab         | Y EPA_6010                         | 01/27/97              | <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

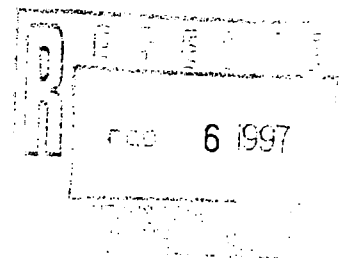
Part III: Analytical Results

Facility GMS #: \_\_\_\_\_  
Test Site ID #: NA  
Well Name: EQUIPMENT BLANK  
Classification of Groundwater: NA  
Ground Water Elevation (NGVD): \_\_\_\_\_  
or (MSL): NA

Sampling Date/Time: 01/23/97 11:10:00  
Report Period: 1997/1st Quarter  
Well Purged (Y/N) NA  
Well type: ☐ Background  
☐ Intermediate  
☐ Compliance  
☐ Other

| STORET<br>Code | Parameter<br>Monitored   | Samp<br>Meth | Fld<br>Filt | Analysis<br>Method<br>Y/N | Analysis<br>Date/Time | Analysis<br>Results/Units | Detection<br>Limits/Units |
|----------------|--------------------------|--------------|-------------|---------------------------|-----------------------|---------------------------|---------------------------|
| 00400          | Field pH                 | Grab         | N           | EPA_150_1                 | 01/23/97              | 7.44 Units                | NA Units                  |
| 00010          | Temperature              | Grab         | N           | EPA_170_1                 | 01/23/97              | 17.3 ^C                   | NA ^C                     |
| 00094          | Conductivity             | Grab         | N           | EPA_120_1                 | 01/23/97              | <5.0 umhos/cm             | 5.0 umhos/cm              |
| 00299          | Dissolved Oxygen         | Grab         | N           | EPA_360_1                 | 01/23/97              | 8.5 mg/l                  | 0.5 mg/l                  |
| 82078          | Field Filtered Turbidity | Grab         | N           | EPA_180_1                 | 01/23/97              | 0.22 NTU                  | 0.50 NTU                  |
| 01005          | Barium: Filtered         | Grab         | Y           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01035          | Cobalt: Filtered         | Grab         | Y           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01046          | Iron: Field Filtered     | Grab         | Y           | EPA_6010                  | 01/27/97              | <100 ug/l                 | 100 ug/l                  |
| 00930          | Sodium: Filtered         | Grab         | Y           | EPA_6010                  | 01/27/97              | <1.0 mg/l                 | 1.0 mg/l                  |
| 01012          | Beryllium                | Grab         | N           | EPA_6010                  | 01/27/97              | <4.0 ug/l                 | 4.0 ug/l                  |
| 01027          | Cadmium                  | Grab         | N           | EPA_6010                  | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01034          | Chromium                 | Grab         | N           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01042          | Copper                   | Grab         | N           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01067          | Nickel                   | Grab         | N           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01077          | Silver                   | Grab         | N           | EPA_6010                  | 01/27/97              | <10 ug/l                  | 10 ug/l                   |
| 01092          | Zinc                     | Grab         | N           | EPA_6010                  | 01/27/97              | <50 ug/l                  | 50 ug/l                   |
| 01002          | Arsenic                  | Grab         | N           | EPA_6010                  | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01051          | Lead                     | Grab         | N           | EPA_6010                  | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01097          | Antimony                 | Grab         | N           | EPA_6010                  | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01147          | Selenium                 | Grab         | N           | EPA_6010                  | 01/27/97              | <5.0 ug/l                 | 5.0 ug/l                  |
| 01059          | Thallium                 | Grab         | N           | EPA_6010                  | 01/27/97              | <2.0 ug/l                 | 2.0 ug/l                  |
| 71900          | Mercury                  | Grab         | N           | EPA_7470                  | 01/27/97              | <0.10 ug/l                | 0.10 ug/l                 |
| 01085          | Vanadium: Filtered       | Grab         | Y           | EPA_6010                  | 01/27/97              | <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

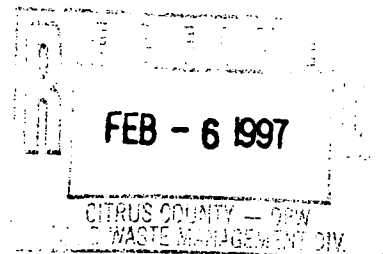


Citrus County  
 Attn: Cathy Winter  
 Work ID: MW-2 & 3 Resample

Report Number: 97-01-289

Quality Control Data Sheets

| Parameter | OLI<br>Sample # | Amt<br>Spike | Sample<br>Result | MS<br>Result | MS<br>%Rec | MSD or              |             | RPD | Analysis |         | * QC Limits * |     |  |
|-----------|-----------------|--------------|------------------|--------------|------------|---------------------|-------------|-----|----------|---------|---------------|-----|--|
|           |                 |              |                  |              |            | Duplicate<br>Result | MSD<br>%Rec |     | Date     | Analyst | Min/Max       | RPD |  |
| Barium    | 9701254-01      | 200          | 35.0             | 234.5        | 100        | 234.1               | 100         | <1  | 01/27/97 | DM      | 85 111        | 11  |  |
| Cobalt    | 9701254-01      | 200          | <20              | 202.6        | 101        | 200.5               | 100         | 1   | 01/27/97 | DM      | 84 118        | 10  |  |
| Iron      | 9701254-01      | 2000         | 215.9            | 2176         | 98         | 2159                | 97          | 1   | 01/27/97 | DM      | 79 121        | 13  |  |
| Sodium    | 9701254-01      | 10000        | 3654             | 13710        | 101        | 13490               | 98          | 2   | 01/27/97 | DM      | 75 145        | 10  |  |
| Vanadium  | 9701254-01      | 200          | <20              | 198.7        | 99         | 197.2               | 99          | 1   | 01/27/97 | DM      | 85 118        | 10  |  |
| Beryllium | 9701254-01      | 100          | <4.0             | 99.9         | 100        | 99.6                | 100         | <1  | 01/27/97 | DM      | 87 115        | 10  |  |
| Cadmium   | 9701254-01      | 100          | <5.0             | 100.7        | 101        | 99.7                | 100         | 1   | 01/27/97 | DM      | 83 116        | 10  |  |
| Chromium  | 9701254-01      | 200          | <10              | 201.3        | 101        | 199.3               | 100         | 1   | 01/27/97 | DM      | 83 115        | 11  |  |
| Copper    | 9701254-01      | 200          | <10              | 206.2        | 103        | 204.2               | 102         | 1   | 01/27/97 | DM      | 87 118        | 19  |  |
| Nickel    | 9701254-01      | 200          | <10              | 200.4        | 100        | 200.8               | 100         | <1  | 01/27/97 | DM      | 88 117        | 11  |  |
| Silver    | 9701254-01      | 200          | <10              | 198.7        | 99         | 196.0               | 98          | 1   | 01/27/97 | DM      | 88 111        | 10  |  |
| Zinc      | 9701254-01      | 1000         | <50              | 999.6        | 100        | 992.8               | 99          | 1   | 01/27/97 | DM      | 81 118        | 10  |  |
| Arsenic   | 9701254-01      | 100          | <5.0             | 100.3        | 100        | 96.2                | 96          | 4   | 01/27/97 | DM      | 86 115        | 14  |  |
| Lead      | 9701254-01      | 100          | 7.4              | 108.3        | 101        | 107.1               | 100         | 1   | 01/27/97 | DM      | 81 119        | 11  |  |
| Selenium  | 9701254-01      | 100          | <5.0             | 102.5        | 103        | 100.7               | 101         | 2   | 01/27/97 | DM      | 86 120        | 13  |  |
| Antimony  | 9701254-01      | 100          | <5.0             | 99.0         | 99         | 97.7                | 98          | 1   | 01/27/97 | DM      | 83 118        | 11  |  |
| Thallium  | 9701254-01      | 100          | <5.0             | 99.5         | 100        | 96.9                | 97          | 3   | 01/27/97 | DM      | 83 112        | 13  |  |
| Mercury   | 9701273-01      | 1.0          | <0.10            | 1.0163       | 102        | 1.0163              | 102         | 0   | 02/03/97 | JG      | 67 128        | 12  |  |



|                                                                     |                             |                                                    |                                       |
|---------------------------------------------------------------------|-----------------------------|----------------------------------------------------|---------------------------------------|
| Client: <u>CITRUS County</u>                                        |                             |                                                    |                                       |
| Project Name / Number: <u>CENTRAL L.F. RESAMPLE - METALS</u> PWSID# |                             |                                                    |                                       |
| Site Location: <u>LEONTO, FL</u>                                    |                             |                                                    |                                       |
| Sample ID: <u>MW - 2</u>                                            |                             | Sampling <u>012397</u><br>Date & Time: <u>10/0</u> | Number of<br>Bottles: <u>2</u>        |
| Sample Type:<br><u>GWB</u>                                          | Sample Matrix:<br><u>GW</u> | Sampling Method:<br><u>BAT # 1164</u>              | Well Evacuation<br>Method: <u>SUB</u> |

| Well Specifications |                   | Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height |                          |
|---------------------|-------------------|---------------------------------------------------------------------|--------------------------|
| Diameter            | <u>2</u> in.      | Well Casing Composition:                                            | <u>PC</u>                |
| Water Level         | <u>128.70</u> ft. | GPF(w) - CR Gallons                                                 |                          |
| Total Depth         | <u>162.35</u> ft. | C.H. x 0.163 = <u>5.48</u>                                          |                          |
| Column Height       | <u>33.65</u> ft.  | 3X = <u>16.44</u>                                                   |                          |
| Column Volume       | <u>5.48</u> gal.  | 5X = <u>27.40</u>                                                   |                          |
| Min Evac.           | <u>1644</u> gal.  | Well Purged: Dry, or 3x and field tests within 5%, of 5x <u>★</u>   |                          |
| Actual              | <u>30.0</u> gal.  | NGVD. MSUTOC                                                        | (-) WATER LEVEL/MSLINGVD |

| Well Purging Data |             |          |             | Field Parameters         |             |     |
|-------------------|-------------|----------|-------------|--------------------------|-------------|-----|
| Gallons/Time      |             |          |             | Tests                    | 1st         | 2nd |
| Temperature       | <u>N/A</u>  |          | <u>N/A</u>  | Temp.                    | <u>22.3</u> |     |
| Conductivity      |             |          |             | Cond.                    | <u>18</u>   |     |
| pH                |             |          |             | pH                       | <u>5.68</u> |     |
| Begin time        | <u>0935</u> | End time | <u>0955</u> | D.O.                     | <u>8.8</u>  |     |
| Purging Comments: |             |          |             | Additional Test Results: |             |     |

| Sampling Information |       |                        | Sample Appearance       |              | Environmental Conditions |              |
|----------------------|-------|------------------------|-------------------------|--------------|--------------------------|--------------|
|                      | Depth | Drums:                 | Tint                    | <u>NONE</u>  | Air Temp.                | <u>20.5</u>  |
| Surface Water        |       | Type                   | Color                   | <u>CLEAR</u> | Wind                     | <u>Calm</u>  |
| Soil/Sediments       |       | Contents               | Turbidity               |              | Rain                     | <u>none</u>  |
|                      |       | Layer Sampled          | Odor                    | <u>LIGHT</u> | Atmosphere               | <u>CLEAR</u> |
| Wastewater:          |       |                        |                         |              | Other                    |              |
| Type of Composite    |       | Drilling/boring method | Turbidity before filter | <u>10.67</u> |                          |              |
| Begin time           |       | Drilling mud used      | Turbidity after filter  | <u>0.26</u>  |                          |              |
| End time             |       |                        |                         |              |                          |              |

|                                                                                    |                                                                                              |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Additional Information:<br><br><div style="text-align: center;">FEB - 6 1997</div> | Field Filtered? <input checked="" type="radio"/> Y or N <u>0.45um</u> <u>FOUND</u>           |
|                                                                                    | Fuel Power Unit Downline? <input checked="" type="radio"/> Y or N <u>0.45um</u> <u>FOUND</u> |
|                                                                                    | Field Decon Performed? <input checked="" type="radio"/> Y or N <u>0.45um</u> <u>FOUND</u>    |
|                                                                                    | Decon Waste Contained? Y or <input checked="" type="radio"/> N <u>0.45um</u> <u>FOUND</u>    |
|                                                                                    | Purge Waste Contained? Y or <input checked="" type="radio"/> N <u>0.45um</u> <u>FOUND</u>    |

$\times 2$

### # of Containers



### Containers:

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

|                                                         |                            |                                          |                                    |
|---------------------------------------------------------|----------------------------|------------------------------------------|------------------------------------|
| Client: <u>CITRUS County</u>                            |                            |                                          |                                    |
| Project Name / Number: <u>CONTAM LF RESAMPLE METALS</u> |                            | PWSID#                                   |                                    |
| Site Location: <u>LICMMD</u>                            |                            |                                          |                                    |
| Sample ID: <u>MW - 3</u>                                |                            | Sampling Date & Time: <u>012397 1125</u> | Number of Bottles: <u>1</u>        |
| Sample Type: <u>GRB</u>                                 | Sample Matrix: <u>G.W.</u> | Sampling Method: <u>BAT # 1165</u>       | Well Evacuation Method: <u>SUB</u> |

| Well Specifications |                   | Volume in Gallons/ft is equal to 0.041 x Diameter(Squared) X Height                 |                                                |
|---------------------|-------------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| Diameter            | <u>2</u> in.      | Well Casing Composition:                                                            | In Place Plumbing Data                         |
| Water Level         | <u>113.55</u> ft. | GPF(x) <u>-CR</u> Gallons                                                           | Plumbing Material <u>PVC/SS</u>                |
| Total Depth         | <u>118.30</u> ft. | C.H. x <u>0.163</u> = <u>0.77</u>                                                   | Purge Flow Rate <u>2</u> <u>0.5</u> Gal/min    |
| Column Height       | <u>4.75</u> ft.   | 3x = <u>2.32</u>                                                                    | Purge Time <u>2</u> <u>2.0</u> min             |
| Column Volume       | <u>0.77</u> gal.  | 5x = <u>3.87</u>                                                                    | Sample Flow Rate <u>2</u> <u>80-100</u> ml/min |
| Min Evac.           | <u>N/A</u> gal.   | Well Purged: <u>Dry</u> or 3x and field tests within 5%, or 5x <u>2x</u> <u>(S)</u> |                                                |
| Actual              | <u>1.0</u> gal.   | NGVD. MSL/TOC                                                                       | (-) WATER LEVEL/ MSL/NGVD                      |

| Well Purging Data                                    |             |          |             | Field Parameters         |             |     |
|------------------------------------------------------|-------------|----------|-------------|--------------------------|-------------|-----|
| Gallons/Time                                         |             |          |             | Tests                    | 1st         | 2nd |
| Temperature                                          |             |          |             | Temp.                    | <u>21.7</u> |     |
| Conductivity                                         |             |          |             | Cond.                    | <u>25</u>   |     |
| pH                                                   |             |          |             | pH                       | <u>5.99</u> |     |
| Begin time                                           | <u>0900</u> | End time | <u>0920</u> | D.O.                     | <u>8.2</u>  |     |
| Purging Comments: <u>Dry 1 1/2 GAL Dry 2 1/2 GAL</u> |             |          |             | Additional Test Results: |             |     |

| Sampling Information |                        |            | Sample Appearance       |                | Environmental Conditions |             |
|----------------------|------------------------|------------|-------------------------|----------------|--------------------------|-------------|
| Depth                | Drums:                 |            | Tint                    | <u>MODICUM</u> | Air Temp.                | <u>24.7</u> |
| Surface Water        | Type                   |            | Color                   | <u>TRM</u>     | Wind                     | <u>WGS</u>  |
| Soil/Sediments       | Contents               |            | Turbidity               | <u>NONE</u>    | Rain                     | <u>NONE</u> |
|                      | Layer Sampled          | <u>N/A</u> | Odor                    | <u>NONE</u>    | Atmosphere               | <u>P.C.</u> |
| Wastewater:          |                        |            |                         |                | Other                    |             |
| Type of Composite    | Drilling/boring method |            | Turbidity before filter | <u>SB-8</u>    |                          |             |
| Begin time           | Drilling mud used      |            | Turbidity after filter  | <u>0.19</u>    |                          |             |
| End time             |                        |            |                         |                |                          |             |

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Additional Information: | Field Filtered? <u>(Y)</u> or N <u>0.45um</u> <u>10um</u> |
|                         | Fuel Power Unit Downline? <u>(Y)</u> or N                 |
|                         | Field Decon Performed? <u>(Y)</u> or N                    |
|                         | Decon Waste Contained? <u>Y</u> or N                      |
|                         | Purge Waste Contained? <u>Y</u> or N                      |

FEB - 6 1997

## Field Identification of Containers

**Workorder#** \_\_\_\_\_

# of Containers /

[illegible]

**Field Codes (Order of Sample Collection):**

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

**Containers:**

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

## Orlando Laboratories, Inc. Field Sheet

Revised: October 30, 1996

Client: CITRUS CountyProject Name / Number: Central L.F. Resample

PWSID#

Site Location: LEONATO, FLSample ID: Equip. BIK.Sampling Date & Time: 012397 1110Number of Bottles: 1Sample Type: GRB.Sample Matrix: G.W.Sampling Method: BAT # 1165Well Evacuation Method: W/A

## Well Specifications

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

| Well Specifications |      | Well Casing Composition:                                 |         | In Place Plumbing Data       |         |
|---------------------|------|----------------------------------------------------------|---------|------------------------------|---------|
| Diameter            | in.  | GPF(x)                                                   | -CR     | Plumbing Material            |         |
| Water Level         | ft.  |                                                          |         | Purge Flow Rate              | Gal/min |
| Total Depth         | ft.  |                                                          |         | Purge Time                   | min     |
| Column Height       | ft.  |                                                          |         | Sample Flow Rate             | ml/min  |
| Column Volume       | gal. |                                                          |         |                              |         |
| Min Eyc.            | gal. | Well Purged: Dry, or 3x and field tests within 5%, or 5x |         |                              |         |
| Actual              | gal. | NGVD.<br>MSL/TOC                                         | H W/TOC | (-) WATER LEVEL/<br>MSL/NGVD |         |

## Well Purging Data

## Field Parameters

| Well Purging Data |  |          |  |  |  | Field Parameters         |      |     |
|-------------------|--|----------|--|--|--|--------------------------|------|-----|
| Gallons/Time      |  |          |  |  |  | Tests                    | 1st  | 2nd |
| Temperature       |  |          |  |  |  | Temp.                    | 17.3 |     |
| Conductivity      |  |          |  |  |  | Cond.                    | 45.0 |     |
| pH                |  |          |  |  |  | pH                       | 7.44 |     |
| Begin time        |  | End time |  |  |  | D.O.                     | 8.5  |     |
| Purging Comments: |  |          |  |  |  | Additional Test Results: |      |     |

## Sampling Information

## Sample Appearance

## Environmental Conditions

| Sampling Information |                        |  | Sample Appearance       |       | Environmental Conditions |       |
|----------------------|------------------------|--|-------------------------|-------|--------------------------|-------|
| Depth                | Drums:                 |  | Tint                    | none  | Air Temp.                | 24.6  |
| Surface Water        | Type                   |  | Color                   | clear | Wind                     | W 0-5 |
| Soil/Sediments       | Contents               |  | Turbidity               |       | Rain                     | none  |
|                      | Layer Sampled          |  | Odor                    | none  | Atmosphere               | P.C.  |
| Wastewater:          |                        |  |                         |       | Other                    |       |
| Type of Composite    | Drilling/boring method |  | Turbidity before filter | 0.04  |                          |       |
| Begin time           | Drilling mud used      |  | Turbidity after filter  | 0.22  |                          |       |
| End time             |                        |  |                         |       |                          |       |

## Additional Information:

Field Filtered?

Y or N 0.45um to 1.0um

Fuel Power Unit Downline?

Y or N

Field Decon Performed?

Y or N

Decon Waste Contained?

Y or N

Decon Waste Contained?

Y or N

FEB - 6 1997

## Field Identification of Containers

**Workorder#** \_\_\_\_\_

# of Containers 1

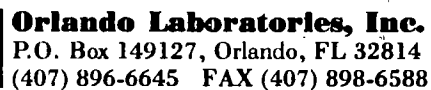
[illegible]

**Field Codes (Order of Sample Collection):**

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

**Containers:**

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



(INSTRUCTIONS ON BACK)

[illegible]**LAB**