



Board of County Commissioners

Department of Public Works

October 14, 1997

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

REPLY TO:

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

*Color not reported
in units of not
on form*

RECEIVED
OCT 17 1997
D E P

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

Dear Ms. Amram:

Enclosed please find the second 1997 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: pH and Iron.
MW-3: pH.
MW-6: pH, Benzene, Bromodichloromethane, Bromoform, Chloroform,
Dibromochloromethane, Vinyl Chloride, Iron, TDS, and Nitrogen:Nitrate.
MW-AA: pH, Benzene, Vinyl Chloride, TDS, and Iron.
MW-B: pH.
MW-C: Iron.
MW-D: None.
MW-E: Vinyl Chloride, TDS, 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

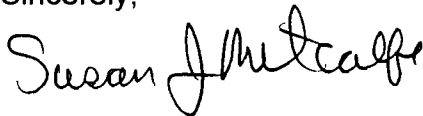
Post Office Box 440
Lecanto, FL 34460
(352) 746-2694
Fax 746-1676

Allison Amram, P.G.
Groundwater Monitoring Report
October 14, 1997
Page Two

This is to advise you that Orlando Laboratories, Inc. has assigned their contract to V.O.C. Analytical Laboratories. A copy of their approved QAP signature page and Table of Contents is enclosed.

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 w/o attachments

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 LANDFILL
 Address 230 W. GULF-TO-LAKE HIGHWAY
 City LECANTO, FL Zip 34461
 Telephone 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. METCALFE
 Address P.O. BOX 340
 City LECANTO, FL Zip 34460
 Telephone 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 all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Date: 10/14/97 _____
 Signature of Owner or Authorized Representative Susan J. Metcalfe

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 900376G
 Analytical Lab Comp QAP #/HRS Certification # E86240
 *Comp QAP #/HRS Certification # 86356
 Lab Name V.O.C. Analytical Laboratories
 Address 3231 N.W. 7th Ave. Boca Raton, FL 33431
 Phone Number (888) 862-5227

PART III ANALYTICAL RESULTS

Facility GMS #: 4009C00086 Sampling Date/Time: _____

Test Site ID #: _____ Report Period: _____
(year/quarter)

Well Name: _____ Well Purged (Y/N): _____

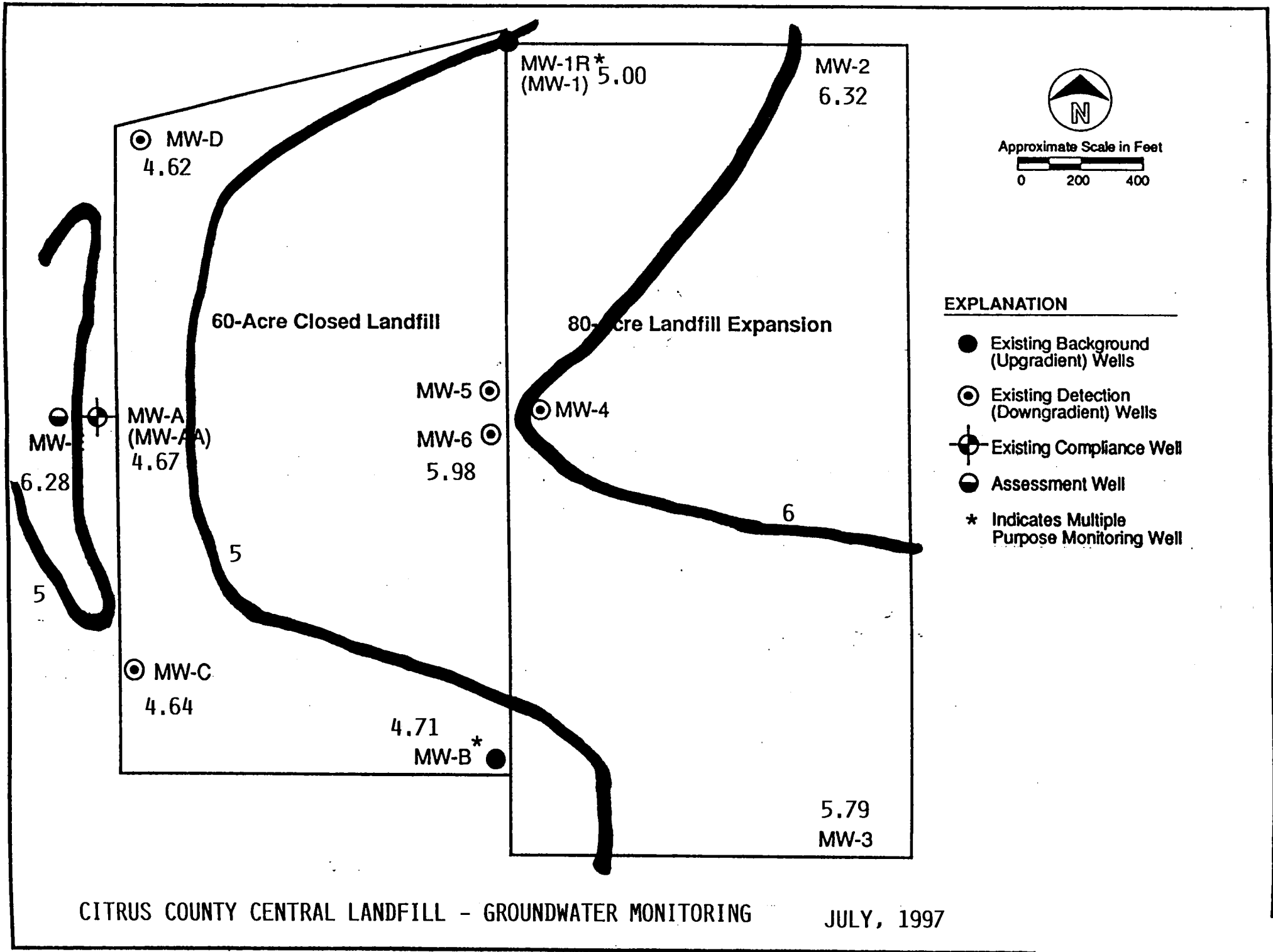
Classification of Ground Water: _____ Well Type: () Background

- () 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



Approximate Scale in Feet
 0 200 400

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

⊙ MW-D
4.62

MW-1R*
(MW-1) 5.00

MW-2
6.32

60-Acre Closed Landfill

80-Acre Landfill Expansion

MW-E
6.28

⊕ MW-A
(MW-AA)
4.67

MW-5 ⊙
MW-6 ⊙
5.98

⊙ MW-4

6

5

5

⊙ MW-C
4.64

4.71
● MW-B*

5.79
MW-3

CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING

SAMPLING DATE:	MCL	7/17/97	7/21/97	7/17/97	7/17/97	7/21/97	7/17/97	7/17/97	7/21/97	7/21/97			
NOTE: MCL OR GC* UG/L UN- LESS MG/L INDICATED	OR GC*	WELL MW-R-1	WELL MW-2	WELL MW-3	WELL MW-6	WELL MW-AA	WELL MW-B	WELL MW-C	WELL MW-D	WELL MW-E	WELL MW-7	WELL MW-8	WELL MW-9
FIELD PARAMETERS:													
STATIC WATER LEVEL, FT.		113.25	129.97	114.68	112.5	101.44	107.23	110.54	105.15	103.6			
CONDUCTIVITY, UNHOS/CB		145	25.0	30	750	430	90	170	215	390			
PH UNITS, FIELD	6.5-8.5	5.9	5.5	5.7	4.7	6.3	5.3	7.5	7.4	6.8			
DISSOLVED OXYGEN, MG/L		2.6	7.0	6.7	3.1	2.2	3.8	5	3.4	2.8			
TURBIDITY, FIELD	1 NTU	7.85	14.1	102	10.3	4.06	3.83	4.49	25	40.6			
TURBIDITY, FIELD FILTERED	1 NTU	0.16	0.860	0.16	0.14	0.23	NONE	NONE	0.06	0.93			
TEMPERATURE, DEG C		26.3	23.5	23.6	27.1	27.2	30.2	25.1	26.6	25.9			
COLORS & SHEENS (BY OBSERVATION)		TAN	CLEAR	TAN	TAN	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR			
LABORATORY PARAMETERS:													
ETHYLENE DIBROMIDE (EDB)	0.02 <	0.02 <	0.02 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020 <	0.020
DIBROMOCHLOROPROPANE	0.2 <	0.2 <	0.2 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20 <	0.20
ACETONE (DBCP)	700 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50
ACRYLONITRILE	*8 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50
BENZENE	1 <	1.0 <	1.0 <	1.0	1.8	1.4 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
BROMOCHLOROMETHANE	100 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
BROMODICHLOROMETHANE	*0.6 <	1.0 <	1.0 <	1.0	19 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
BROMOFORM	*4 <	1.0 <	1.0 <	1.0	5.2 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
CARBON DISULFIDE	700 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
CARBON TETRACHLORIDE	3 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
CHLOROETHANE	*140 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
CHLOROFORM	*6 <	1.0	1.8	1.8	20 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
DIBROMOCHLOROMETHANE	*7 <	1.0 <	1.0 <	1.0	18 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,2-DICHLOROETHANE	600 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,4-DICHLOROETHANE	75 <	1.0 <	1.0 <	1.0	1.3	6.7 <	1.0 <	1.0 <	1.0 <	1.0	4.1		
T-1,4-DICHLORO-2-BUTENE	<	10 <	1.0 <	1.0 <	10 <	10 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,1-DICHLOROETHANE	*700 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,2-DICHLOROETHANE	3 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,1-DICHLOROETHYLENE	7 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
C-1,2-DICHLOROETHYLENE	100 <	1.0 <	1.0 <	1.0	2.6	3.5 <	1.0 <	1.0 <	1.0	1.3			
T-1,2-DICHLOROETHYLENE	100 <	1.0 <	1.0 <	1.0 <	1.0	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0
1,2-DICHLOROPROPANE	5 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0

CITRUS COUNTY CENTRAL LANDFILL GROUNDWATER MONITORING

SAMPLING DATE:	MCL	7/17/97	7/21/97	7/17/97	7/17/97	7/21/97	7/17/97	7/17/97	7/21/97	7/21/97			
NOTE: MCL OR GC* UG/L UN-LESS MG/L INDICATED	OR GC*	WELL MW-R-1	WELL MW-2	WELL MW-3	WELL MW-6	WELL MW-AA	WELL MW-B	WELL MW-C	WELL MW-D	WELL MW-E	WELL MW-7	WELL MW-8	WELL MW-9
LABORATORY PARAMETERS:													
C-1,3-DICHLOROPROPENE	1 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
T-1,3-DICHLOROPROPENE	1 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
ETHYLBENZENE	700 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
2-HEXANONE	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
METHYL BROMIDE	*10 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
METHYL CHLORIDE	5 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
METHYL ETHYL KETONE	*4200 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
METHYL IODIDE	<	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
4-METHYL-2-PENTANONE	*350 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
METHYLENE BROMIDE	<	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
METHYLENE CHLORIDE	5 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <			
STYRENE	100 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
1,1,1,2-TETRACHLOROETHANE	*1 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
1,1,2,2-TETRACHLOROETHANE	*0.2 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
TETRACHLOROETHYLENE	<	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.1 <	1.0 <	1.0 <	1.0 <			
TOLUENE	1000 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
1,1,1-TRICHLOROETHANE	200 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
1,1,2-TRICHLOROETHANE	5 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
TRICHLOROETHYLENE	3 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
TRICHLOROFLUOROMETHANE	*2100 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
1,2,3-TRICHLOROPROPANE	*42 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
VINYL ACETATE	250 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <	50 <			
VINYL CHLORIDE	1 <	1.0 <	1.0 <	1.0 <	4.0	3.6 <	1.0 <	1.0 <	1.0 <	1.0 <		3.3	
XYLENE (TOTAL)	10000 <	1.0 <	1.0 <	1.0 <	5.7 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <			
CHLORIDE, MG/L	250	9.9	5.6 <	5.7	160	5.2	7.7 <	7.3	7.7	6.0			
NITROGEN:AMMONIA	<	0.05 <	0.1 <	0.05	2.0	0.75 <	0.05 <	0.1 <	0.1 <	0.1			
NITROGEN:NITRATE, MG/L	10 <	0.05	0.083 <	0.05	44 <	0.05	2.6 <	0.1 <	0.1 <	0.1			
TDS MG/L	500	100	10	24	600	700	40	110	240	580			



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
May 29, 1997

Virginia B. Wetherell
Secretary

MS. CATHERINE KATSIKIS
VOC ANALYTICAL LABORATORIES
3231 NW 7TH AVE
BOCA RATON, FL 33431

SUBJECT: Quality Assurance Review; VOC ANALYTICAL LABORATORIES Comprehensive QA Plan;
CompQAP #900376, Submittal #23; Annual Renewal Amendment

Dear Ms. Katsikis:

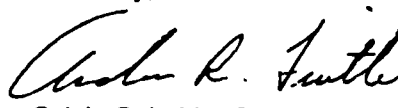
The amendment for the referenced document was received on May 21, 1997, with additional information received on May 23, 1997, and was reviewed with the supporting information. The CompQAP for your organization is **approved** as annotated, for the Analytical methods per Section 2 and the Field Sampling activities in Section 2 with the conditions stated below.

This approval required annotations to the CompQAP (see attached pages). **The necessary changes to your procedures, as a result of these annotations, must be implemented immediately as a condition of this approval.** Revised pages to reflect these changes must be included with your next submittal. Further detail on the status of this plan is explained below and in the enclosed guidance document (DEP QAS #90-03).

Your next amendments must include revisions that address all comments or annotations made with this review, to include the annotated pages copied from the CompQAP. These amendments must be received with the next renewal, which is due **February 28, 1998**, unless you anticipate the addition of new capabilities. If you anticipate the addition of new capabilities all required changes stated in this review must be addressed with the next amendment to the document.

If you have any questions concerning this matter, please call Steven Lane at (904) 488-2796.

Sincerely,


for Sylvia S. Labie, QA Officer
Quality Assurance Section

SSL/ART/sll

Attachments (2): DEP QAS #90-03 (Explanation of Status)
Copies of Annotated QAP pages

cc: CompQAP 900376
Steve Arms, DOH (with copy of Section 2)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

Comprehensive Quality Assurance Plan # 900376
For
V.O.C. Analytical Laboratories Inc.
3231 NW 7th Ave
Boca Raton, FL 33431
Phone: (561) 447-7373, Fax: (561) 447-7374

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Alison



V.O.C. Analytical Laboratories
Our Quality Control Is Your Quality Assurance
REPORT OF ANALYSIS

Citrus County Solid Waste
Lecanto, FL 34460-0340

Log #: L21898

Cathy Winter

Client Project ID: Task 2
Collected By: Michael Patterson

Laboratory Sample #	Client Sample #
L21898-1	MW-AA
L21898-2	MW-D
L21898-3	MW-E
L21898-4	MW-2
L21898-5	Equip Blank

Respectfully Submitted,

Signature: Kari Hoffmann

Date: 8/26/97

QAP# 900376G
SUB HRS# 86122,86109,E86048
CT CERT# PH-0122
VA CERT# 00395

HRS# E86240,86356
ADEM ID# 40850
ELPAT# 13801
AZ CERT# AZ0529

NC CERT# 444
SC CERT# 96031
CA CERT# I-1068
MA CERT# M-FL449

ND CERT# R-148
TN CERT# 02985
USACE CERT

Client: Citrus County Solid Waste

Task 2

Well Specifications

Diameter (in): 2
Water Level (ft): 129.97
Total Depth (ft): 166.05
Column Height (ft): 36.88
Column Volume (gal): 5.88
Evacuation (gal): 17.64
Actual (gal): 30

Sample Appearance

Tint: Light
Color: Clear
Turbidity: NA
Odor: Light

Environmental Conditions

Wind: W 0-5
Rain: None
Air (^C): 29.6
Atmosphere: PC

Evacuation Method: Submersible

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
GW Elevation (NGVD): 6.32
or (MSL):

Sampling Date/Time: 07/21/97 12:50
Report Period: 1997/2nd Semi-Annual
Well Purged: Yes
Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Field Services (continued)						
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/25 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001007 Barium	Bailer	Y	200.7	07/25 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/25 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
1037 Cobalt	Bailer	Y	200.7	07/25 00:00	<10 ug/l	10 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	Y	200.7	07/25 00:00	660 ug/l	50 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/28 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
000929 Sodium	Bailer	Y	200.7	07/25 00:00	3500 ug/l	500 ug/l
001059 Thallium	Bailer	Y	200.7	07/30 00:00	<2.0 ug/l	2.0 ug/l
001087 Vanadium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/25 00:00	30 ug/l	10 ug/l

Field Services

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 129.97
 Total Depth (ft): 166.05
 Column Height (ft): 36.88
 Column Volume (gal): 5.88
 Evacuation (gal): 17.64
 Actual (gal): 30

Sample Appearance
 Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light
Environmental Conditions
 Wind: W 0-5
 Rain: None
 Air (^C): 29.6
 Atmosphere: PC
 Other: NA

Evacuation Method: Submersible

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15909
 Well Name: MW-2
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 6.32
 or (MSL):

Sampling Date/Time: 07/21/97 12:50
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Field Services (continued)						
001092 Casing Top to Water	Bailer	N	field	07/21 00:00	136 feet	
000094 Conductivity	Bailer	N	120.1	07/21 00:00	25.0umhos/cm	
72020 Depth to Water	Bailer	N	field	07/21 00:00	130 feet	
00299 Dissolved O2	Bailer	N	360.1	07/21 00:00	7.00 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/21 00:00	5.5	
000010 Field Temp	Bailer	N	170.1	07/21 00:00	23.5 Deg. C	0.10
000010 Prefiltered Turbidity	Bailer	N	180.1	07/21 00:00	14.1 NTU	
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/26 00:00	1.8 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l

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

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Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 129.97
 Total Depth (ft): 166.05
 Column Height (ft): 36.88
 Column Volume (gal): 5.88
 Evacuation (gal): 17.64
 Actual (gal): 30

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 29.6
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 6.32
 or (MSL):

Sampling Date/Time: 07/21/97 12:50
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77651	1,2-Dibromoethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/26 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/26 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 129.97
 Total Depth (ft): 166.05
 Column Height (ft): 36.88
 Column Volume (gal): 5.88
 Evacuation (gal): 17.64
 Actual (gal): 30

Sample Appearance
 Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light
Environmental Conditions
 Wind: W 0-5
 Rain: None
 Air (^C): 29.6
 Atmosphere: PC
 Other: NA

Evacuation Method: Submersible

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15909
 Well Name: MW-2
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 6.32
 or (MSL):

Sampling Date/Time: 07/21/97 12:50
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
77562	1,1,1,2-Tetrachloroethane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2-Tetrachloroethane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
39175	Vinyl Chloride	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034020	Total Xylenes	Bailer N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
	Dilution Factor	Bailer N	5030/8260	07/26 00:00	1.0	1.0
Surrogate Recoveries:						
	4-Bromofluorobenzene	Bailer N	5030/8260	07/26 00:00	98.0 %	82-119
	Dibromofluoromethane	Bailer N	5030/8260	07/26 00:00	87.0 %	75-112
	Toluene-D8	Bailer N	5030/8260	07/26 00:00	102 %	82-116
General Chemistry						
000610	Ammonia	Bailer N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940	Chloride	Bailer N	300.0	07/22 00:00	5.6 mg/l	0.50 mg/l
00620	Nitrate	Bailer N	300.0	07/22 00:00	0.083 mg/l	0.050 mg/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 129.97
 Total Depth (ft): 166.05
 Column Height (ft): 36.88
 Column Volume (gal): 5.88
 Evacuation (gal): 17.64
 Actual (gal): 30

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 29.6
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 6.32
 or (MSL):

Sampling Date/Time: 07/21/97 12:50
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
General Chemistry (continued)						
000515 Total Dissolved Solids	Bailer	N	160.1	07/24 14:00	10 mg/l	10 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Field Services						
82078 Field Turbidity	Bailer	Y	field	07/21 00:00	0.860 NTU	

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

Client: Citrus County Solid Waste

Task 2

Well Specifications

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

Sample Appearance

Tint: None
Color: Clear
Turbidity: NA
Odor: None

Environmental Conditions

Wind: W 0-5
Rain: None
Air (^C): 29.9
Atmosphere: PC

Evacuation Method: NA

Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: Equip Blank
Classification of Groundwater: G-II
GW Elevation (NGVD):
or (MSL): NA

Sampling Date/Time: 07/21/97 12:40
Report Period: 1997/2nd Semi-Annual
Well Purged: NA
Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

Metals

01097	Antimony	Bailer	Y	3010/6010A	07/25 00:00	<6.0 ug/l	6.0 ug/l
01002	Arsenic	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001007	Barium	Bailer	Y	200.7	07/25 00:00	<10 ug/l	10 ug/l
01012	Beryllium	Bailer	Y	3010/6010A	07/25 00:00	<4.0 ug/l	4.0 ug/l
01027	Cadmium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
01034	Chromium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
1037	Cobalt	Bailer	Y	200.7	07/25 00:00	<10 ug/l	10 ug/l
001042	Copper	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001045	Iron	Bailer	Y	200.7	07/25 00:00	<50 ug/l	50 ug/l
001051	Lead	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
71900	Mercury	Bailer	Y	245.2	07/28 00:00	<0.50 ug/l	0.50 ug/l
1067	Nickel	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
001147	Selenium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001077	Silver	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
000929	Sodium	Bailer	Y	200.7	07/25 00:00	<500 ug/l	500 ug/l
001059	Thallium	Bailer	N	200.7	07/30 00:00	<2.0 ug/l	2.0 ug/l
001087	Vanadium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001092	Zinc	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l

Field Services

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

Task 2

Well Specifications

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

Sample Appearance

Tint: None
 Color: Clear
 Turbidity: NA
 Odor: None

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 29.9
 Atmosphere: PC

Evacuation Method: NA

Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: G-II
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

000094 Conductivity	Bailer	N	120.1	07/21 00:00	5.00 Uumhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/21 00:00	8.00 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/21 00:00	8.2	
000010 Field Temp	Bailer	N	170.1	07/21 00:00	30.4 Deg. C	0.10
000010 Prefiltered Turbidity	Bailer	N	180.1	07/21 00:00	0.0300 NTU	

Appendix I - Volatiles

81552 Acetone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

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

Sample Appearance

Tint: None
 Color: Clear
 Turbidity: NA
 Odor: None

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 29.9
 Atmosphere: PC

Evacuation Method: NA

Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: G-II
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/26 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/26 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

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

Sample Appearance

Tint: None
 Color: Clear
 Turbidity: NA
 Odor: None

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 29.9
 Atmosphere: PC

Evacuation Method: NA

Other: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: G-II
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
34475 Tetrachloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034010 Toluene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34506 1,1,1-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34511 1,1,2-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
39180 Trichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34488 Trichlorofluoromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77443 1,2,3-Trichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77057 Vinyl Acetate	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
39175 Vinyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/26 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/26 00:00	97.0 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/26 00:00	92.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/26 00:00	102 %	82-116
General Chemistry						
000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/22 00:00	<0.50 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/22 00:00	<0.050 mg/l	0.050 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/24 14:00	<10 mg/l	10 mg/l

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

Order #: L21898-5
Client: Citrus County Solid Waste

V.O.C. Analytical Laboratories
Report of Analysis for DEP

Task 2

Well Specifications

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

Sample Appearance

Tint: None
Color: Clear
Turbidity: NA
Odor: None

Environmental Conditions

Wind: W 0-5
Rain: None
Air (°C): 29.9
Atmosphere: PC

Evacuation Method: NA

Other: NA

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PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: Equip Blank
Classification of Groundwater: G-II
GW Elevation (NGVD):
or (MSL): NA

Sampling Date/Time: 07/21/97 12:40
Report Period: 1997/2nd Semi-Annual
Well Purged: NA
Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Field Services						
82078 Field Turbidity	Bailer	Y	field	07/21 00:00	0.0200 NTU	

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

Client: Citrus County Solid Waste

Report of Analysis for DEP

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 101.44
 Total Depth (ft): 115.82
 Column Height (ft): 14.38
 Column Volume (gal): 2.34
 Evacuation (gal): 7.03
 Actual (gal): 20

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 36
 Atmosphere: PC

Evacuation Method: Submersible

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

GW Elevation (NGVD): 4.67

or (MSL):

Sampling Date/Time: 07/21/97 16:20

Report Period: 1997/2nd Semi-Annual

Well Purged: Yes

Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/25 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001007 Barium	Bailer	Y	200.7	07/25 00:00	35 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/25 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
1037 Cobalt	Bailer	Y	200.7	07/25 00:00	23 ug/l	10 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	Y	200.7	07/25 00:00	14000 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/28 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/25 00:00	16 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
000929 Sodium	Bailer	Y	200.7	07/25 00:00	6600 ug/l	500 ug/l
001059 Thallium	Bailer	Y	200.7	07/30 00:00	<2.0 ug/l	2.0 ug/l
001087 Vanadium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l	10 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/25 00:00	17 ug/l	10 ug/l
Field Services						
001092 Casing Top to Water	Bailer	N	field	07/21 00:00	106 feet	
000094 Conductivity	Bailer	N	120.1	07/21 00:00	430umhos/cm	

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

Client: Citrus County Solid Waste

Report of Analysis for DEP

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 101.44
 Total Depth (ft): 115.82
 Column Height (ft): 14.38
 Column Volume (gal): 2.34
 Evacuation (gal): 7.03
 Actual (gal): 20

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 36
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.67
 or (MSL):

Sampling Date/Time: 07/21/97 16:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Field Services (continued)						
72020 Depth to Water	Bailer	N	field	07/21 00:00	101 feet	
00299 Dissolved O2	Bailer	N	360.1	07/21 00:00	2.20 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/21 00:00	6.3	
000010 Field Temp	Bailer	N	170.1	07/21 00:00	27.2 Deg. C	0.10
000010 Prefiltered Turbidity	Bailer	N		07/21 00:00	4.06 NTU	
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/26 00:00	1.4 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 101.44
 Total Depth (ft): 115.82
 Column Height (ft): 14.38
 Column Volume (gal): 2.34
 Evacuation (gal): 7.03
 Actual (gal): 20

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 36
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.67
 or (MSL):

Sampling Date/Time: 07/21/97 16:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	6.7 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/26 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	3.5 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/26 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 101.44
 Total Depth (ft): 115.82
 Column Height (ft): 14.38
 Column Volume (gal): 2.34
 Evacuation (gal): 7.03
 Actual (gal): 20

Sample Appearance
 Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light
Environmental Conditions
 Wind: W 0-5
 Rain: None
 Air (^C): 36
 Atmosphere: PC
 Other: NA

Evacuation Method: Submersible

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17271
 Well Name: MW-AA
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.67
 or (MSL):

Sampling Date/Time: 07/21/97 16:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34475	Tetrachloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
39175	Vinyl Chloride	Bailer	N	5030/8260	07/26 00:00	3.6 ug/l	1.0 ug/l
034020	Total Xylenes	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
	Dilution Factor	Bailer	N	5030/8260	07/26 00:00	1.0	1.0
	Surrogate Recoveries:						
	4-Bromofluorobenzene	Bailer	N	5030/8260	07/26 00:00	97.0 %	82-119
	Dibromofluoromethane	Bailer	N	5030/8260	07/26 00:00	89.0 %	75-112
	Toluene-D8	Bailer	N	5030/8260	07/26 00:00	100 %	82-116

General Chemistry

000610	Ammonia	Bailer	N	350.1	07/24 00:00	0.75 mg/l	0.050 mg/l
00940	Chloride	Bailer	N	300.0	07/22 00:00	5.2 mg/l	0.50 mg/l
00620	Nitrate	Bailer	N	300.0	07/22 00:00	<0.050 mg/l	0.050 mg/l
000515	Total Dissolved Solids	Bailer	N	160.1	07/24 14:00	700 mg/l	20 mg/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 101.44
 Total Depth (ft): 115.82
 Column Height (ft): 14.38
 Column Volume (gal): 2.34
 Evacuation (gal): 7.03
 Actual (gal): 20

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 36
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.67
 or (MSL):

Sampling Date/Time: 07/21/97 16:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Field Services						
82078 Field Turbidity	Bailer	Y	field	07/21 00:00	0.230 NTU	

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 105.15
 Total Depth (ft): 208.13
 Column Height (ft): 102.98
 Column Volume (gal): 67.24
 Evacuation (gal):
 Actual (gal): 142.5

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 33.5
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.62
 or (MSL):

Sampling Date/Time: 07/21/97 15:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

Metals						
01097	Antimony	Bailer	Y	3010/6010A	07/25 00:00	<6.0 ug/l 6.0 ug/l
01002	Arsenic	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001007	Barium	Bailer	Y	200.7	07/25 00:00	19 ug/l 10 ug/l
01012	Beryllium	Bailer	Y	3010/6010A	07/25 00:00	<4.0 ug/l 4.0 ug/l
01027	Cadmium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
01034	Chromium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
1037	Cobalt	Bailer	Y	200.7	07/25 00:00	<10 ug/l 10 ug/l
001042	Copper	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001045	Iron	Bailer	Y	200.7	07/25 00:00	220 ug/l 50 ug/l
001051	Lead	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
71900	Mercury	Bailer	Y	245.2	07/28 00:00	<0.50 ug/l 0.50 ug/l
1067	Nickel	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
001147	Selenium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001077	Silver	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
000929	Sodium	Bailer	Y	200.7	07/25 00:00	4200 ug/l 500 ug/l
001059	Thallium	Bailer	Y	200.7	07/30 00:00	<2.0 ug/l 2.0 ug/l
001087	Vanadium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001092	Zinc	Bailer	Y	3010/6010A	07/25 00:00	27 ug/l 10 ug/l

Field Services

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 105.15
 Total Depth (ft): 208.13
 Column Height (ft): 102.98
 Column Volume (gal): 67.24
 Evacuation (gal):
 Actual (gal): 142.5

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 33.5
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.62
 or (MSL):

Sampling Date/Time: 07/21/97 15:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

001092 Casing Top to Water	Bailer	N	field	07/21 00:00	110 feet	
000094 Conductivity	Bailer	N	120.1	07/21 00:00	215umhos/cm	
72020 Depth to Water	Bailer	N	field	07/21 00:00	105 feet	
00299 Dissolved O2	Bailer	N	360.1	07/21 00:00	3.40 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/21 00:00	7.4	
000010 Field Temp	Bailer	N	170.1	07/21 00:00	26.6 Deg. C	0.10
000010 Prefiltered Turbidity	Bailer	N	180.1	07/21 00:00	25.0 NTU	

Appendix I - Volatiles

81552 Acetone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications
 Diameter (in): 4
 Water Level (ft): 105.15
 Total Depth (ft): 208.13
 Column Height (ft): 102.98
 Column Volume (gal): 67.24
 Evacuation (gal):
 Actual (gal): 142.5

Sample Appearance
 Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light
Environmental Conditions
 Wind: W 0-5
 Rain: None
 Air (^C): 33.5
 Atmosphere: PC
 Other: NA

Evacuation Method: Submersible

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A11578
 Well Name: MW-D
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.62
 or (MSL):

Sampling Date/Time: 07/21/97 15:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77651	1,2-Dibromoethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/26 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/26 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 105.15
 Total Depth (ft): 208.13
 Column Height (ft): 102.98
 Column Volume (gal): 67.24
 Evacuation (gal):
 Actual (gal): 142.5

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 33.5
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.62
 or (MSL):

Sampling Date/Time: 07/21/97 15:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
39175	Vinyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034020	Total Xylenes	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
	Dilution Factor	Bailer	N	5030/8260	07/26 00:00	1.0	1.0
Surrogate Recoveries:							
	4-Bromofluorobenzene	Bailer	N	5030/8260	07/26 00:00	99.0 %	82-119
	Dibromofluoromethane	Bailer	N	5030/8260	07/26 00:00	88.0 %	75-112
	Toluene-D8	Bailer	N	5030/8260	07/26 00:00	101 %	82-116

General Chemistry

000610	Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940	Chloride	Bailer	N	300.0	07/22 00:00	7.7 mg/l	0.50 mg/l
00620	Nitrate	Bailer	N	300.0	07/22 00:00	<0.050 mg/l	0.050 mg/l

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

Order #: L21898-2
 Client: Citrus County Solid Waste

V.O.C. Analytical Laboratories
 Report of Analysis for DEP

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 105.15
 Total Depth (ft): 208.13
 Column Height (ft): 102.98
 Column Volume (gal): 67.24
 Evacuation (gal):
 Actual (gal): 142.5

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 0-5
 Rain: None
 Air (^C): 33.5
 Atmosphere: PC

Evacuation Method: Submersible

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
 GW Elevation (NGVD): 4.62
 or (MSL):

Sampling Date/Time: 07/21/97 15:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
General Chemistry (continued)						
000515 Total Dissolved Solids	Bailer	N	160.1	07/24 14:00	240 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Field Services						
82078 Field Turbidity	Bailer	Y	field	07/21 00:00	0.0600 NTU	

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 103.6
 Total Depth (ft): 117.55
 Column Height (ft): 13.95
 Column Volume (gal): 2.27
 Evacuation (gal): 6.82
 Actual (gal): 8

Sample Appearance
 Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light
Environmental Conditions
 Wind: W 5-10
 Rain: None
 Air (^C): 34.7
 Atmosphere: PC
 Other: NA

Evacuation Method: Bailer

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: MW-E
 Classification of Groundwater: G-II
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 16:55
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: COMPLIANCE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

Metals						
01097	Antimony	Bailer	Y	3010/6010A	07/25 00:00	<6.0 ug/l 6.0 ug/l
01002	Arsenic	Bailer	Y	3010/6010A	07/25 00:00	12 ug/l 10 ug/l
001007	Barium	Bailer	Y	200.7	07/25 00:00	76 ug/l 10 ug/l
01012	Beryllium	Bailer	Y	3010/6010A	07/25 00:00	<4.0 ug/l 4.0 ug/l
01027	Cadmium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
01034	Chromium	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
1037	Cobalt	Bailer	Y	200.7	07/25 00:00	<10 ug/l 10 ug/l
001042	Copper	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001045	Iron	Bailer	Y	200.7	07/25 00:00	10000 ug/l 50 ug/l
001051	Lead	Bailer	Y	3010/6010A	07/25 00:00	<5.0 ug/l 5.0 ug/l
71900	Mercury	Bailer	Y	245.2	07/28 00:00	<0.50 ug/l 0.50 ug/l
1067	Nickel	Bailer	Y	3010/6010A	07/25 00:00	5.0 ug/l 5.0 ug/l
001147	Selenium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001077	Silver	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
000929	Sodium	Bailer	Y	200.7	07/25 00:00	7500 ug/l 500 ug/l
001059	Thallium	Bailer	Y	200.7	07/30 00:00	<2.0 ug/l 2.0 ug/l
001087	Vanadium	Bailer	Y	3010/6010A	07/25 00:00	<10 ug/l 10 ug/l
001092	Zinc	Bailer	Y	3010/6010A	07/25 00:00	17 ug/l 10 ug/l

Field Services

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 103.6
 Total Depth (ft): 117.55
 Column Height (ft): 13.95
 Column Volume (gal): 2.27
 Evacuation (gal): 6.82
 Actual (gal): 8

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 5-10
 Rain: None
 Air (^C): 34.7
 Atmosphere: PC

Evacuation Method: Bailer

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
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 16:55
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: COMPLIANCE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Field Services (continued)

001092 Casing Top to Water	Bailer	N	field	07/21 00:00	NA feet	
000094 Conductivity	Bailer	N	120.1	07/21 00:00	390umhos/cm	
72020 Depth to Water	Bailer	N	field	07/21 00:00	104 feet	
00299 Dissolved O2	Bailer	N	360.1	07/21 00:00	2.80 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/21 00:00	6.8	
000010 Field Temp	Bailer	N	170.1	07/21 00:00	25.9 Deg. C	0.10
000010 Prefiltered Turbidity	Bailer	N	180.1	07/21 00:00	40.6 NTU	

Appendix I - Volatiles

81552 Acetone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l

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

Client: Citrus County Solid Waste

Report of Analysis for DEP

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 103.6
 Total Depth (ft): 117.55
 Column Height (ft): 13.95
 Column Volume (gal): 2.27
 Evacuation (gal): 6.82
 Actual (gal): 8

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 5-10
 Rain: None
 Air (^C): 34.7
 Atmosphere: PC

Evacuation Method: Bailer

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
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 16:55
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: COMPLIANCE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77651	1,2-Dibromoethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/26 00:00	4.1 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/26 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	1.3 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/26 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 103.6
 Total Depth (ft): 117.55
 Column Height (ft): 13.95
 Column Volume (gal): 2.27
 Evacuation (gal): 6.82
 Actual (gal): 8

Sample Appearance

Tint: Light
 Color: Clear
 Turbidity: NA
 Odor: Light

Environmental Conditions

Wind: W 5-10
 Rain: None
 Air (^C): 34.7
 Atmosphere: PC

Evacuation Method: Bailer

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
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/21/97 16:55
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: COMPLIANCE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/26 00:00	<50 ug/l	50 ug/l
39175	Vinyl Chloride	Bailer	N	5030/8260	07/26 00:00	3.3 ug/l	1.0 ug/l
034020	Total Xylenes	Bailer	N	5030/8260	07/26 00:00	<1.0 ug/l	1.0 ug/l
	Dilution Factor	Bailer	N	5030/8260	07/26 00:00	1.0	1.0
Surrogate Recoveries:							
	4-Bromofluorobenzene	Bailer	N	5030/8260	07/26 00:00	94.0 %	82-119
	Dibromofluoromethane	Bailer	N	5030/8260	07/26 00:00	88.0 %	75-112
	Toluene-D8	Bailer	N	5030/8260	07/26 00:00	99.0 %	82-116

General Chemistry

000610	Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940	Chloride	Bailer	N	300.0	07/22 00:00	6.0 mg/l	0.50 mg/l
00620	Nitrate	Bailer	N	300.0	07/22 00:00	<0.050 mg/l	0.050 mg/l

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

Order #: L21898-3
Client: Citrus County Solid Waste

V.O.C. Analytical Laboratories
Report of Analysis for DEP

Page: Page 5 of 5

Task 2

Well Specifications

Diameter (in): 2
Water Level (ft): 103.6
Total Depth (ft): 117.55
Column Height (ft): 13.95
Column Volume (gal): 2.27
Evacuation (gal): 6.82
Actual (gal): 8

Sample Appearance

Tint: Light
Color: Clear
Turbidity: NA
Odor: Light

Environmental Conditions

Wind: W 5-10
Rain: None
Air (^C): 34.7
Atmosphere: PC

Evacuation Method: Bailer

Other: NA

PARAMETER MONITORING REPORT

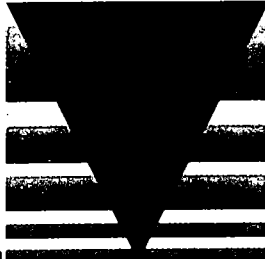
Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: NA
Well Name: MW-E
Classification of Groundwater: G-II
GW Elevation (NGVD):
or (MSL): NA

Sampling Date/Time: 07/21/97 16:55
Report Period: 1997/2nd Semi-Annual
Well Purged: Yes
Well Type: COMPLIANCE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
General Chemistry (continued)						
000515 Total Dissolved Solids	Bailer	N	160.1	07/24 14:00	580 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Field Services						
82078 Field Turbidity	Bailer	Y	field	07/21 00:00	0.930 NTU	

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



V.O.C. Analytical Laboratories
Our Quality Control Is Your Quality Assurance
REPORT OF ANALYSIS

Citrus County Solid Waste
Lecanto, FL 34460-0340

Log #: L21767

Cathy Winter

Client Project ID: Task 2
Collected By: Jim Webb

Laboratory Sample #	Client Sample #
L21767-1	MW-R1
L21767-2	MW-3
L21767-3	MW-6
L21767-4	MW-B
L21767-5	MW-B Dup
L21767-6	MW-C
L21767-7	Equip Blank

Respectfully Submitted,

Signature: *Kurt Hoffmann*
Date: 8/26/97

QAP# 900376G

SUB HRS# 86122,86109,E86048

CT CERT# PH-0122

VA CERT# 00395

HRS# E86240,86356

ADEM ID# 40850

ELPAT# 13801

AZ CERT# AZ0529

NC CERT# 444

SC CERT# 96031

CA CERT# I-1068

MA CERT# M-FL449

ND CERT# R-148

TN CERT# 02985

USACE CERT

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 113.25
 Total Depth (ft): 124.3
 Column Height (ft): 11.05
 Column Volume (gal): 1.8
 Evacuation (gal):
 Actual (gal): 1.6

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 31.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17267
 Well Name: MW-R1
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.00
 or (MSL):

Sampling Date/Time: 07/17/97 11:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/21 00:00	15 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	Y	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/21 00:00	210 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	Y	field	07/17 00:00	118.25 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	145umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	2.60 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	5.9	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	26.3 Deg. C	0.10
82078 Field Turbidity	Bailer	Y	180.1	07/17 00:00	0.160 NTU	

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 113.25
 Total Depth (ft): 124.3
 Column Height (ft): 11.05
 Column Volume (gal): 1.8
 Evacuation (gal):
 Actual (gal): 1.6

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 31.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17267
 Well Name: MW-R1
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.00
 or (MSL):

Sampling Date/Time: 07/17/97 11:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34571 1,4-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
077268 trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/23 00:00	<10 ug/l	10 ug/l
34496 1,1-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34531 1,2-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34501 1,1-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77093 cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34546 trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34541 1,2-Dichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 113.25
 Total Depth (ft): 124.3
 Column Height (ft): 11.05
 Column Volume (gal): 1.8
 Evacuation (gal):
 Actual (gal): 1.6

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 31.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17267
 Well Name: MW-R1
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.00
 or (MSL):

Sampling Date/Time: 07/17/97 11:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/23 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 113.25
 Total Depth (ft): 124.3
 Column Height (ft): 11.05
 Column Volume (gal): 1.8
 Evacuation (gal):
 Actual (gal): 1.6

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 31.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17267
 Well Name: MW-R1
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.00
 or (MSL):

Sampling Date/Time: 07/17/97 11:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
39175 Vinyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/23 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/23 00:00	101 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/23 00:00	97.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/23 00:00	96.0 %	82-116
General Chemistry						
000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	9.9 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	<0.050 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	<0.10 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	100 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Metals						
001007 Barium	Bailer	Y	3010/6010	07/21 00:00	470 ug/l	10 ug/l

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

Order #: L21767-1
Client: Citrus County Solid Waste

V.O.C. Analytical Laboratories
Report of Analysis for DEP

Page: Page 5 of 5

Task 2

Well Specifications

Diameter (in): 2
Water Level (ft): 113.25
Total Depth (ft): 124.3
Column Height (ft): 11.05
Column Volume (gal): 1.8
Evacuation (gal):
Actual (gal): 1.6

Sample Appearance

Tint: LIGHT
Color: TAN
Turbidity:
Odor: LIGHT

Environmental Conditions

Wind: W 0-5
Rain: NONE
Air (^C): 31.6
Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A17267
Well Name: MW-R1
Classification of Groundwater: G-II
GW Elevation (NGVD): 5.00
or (MSL):

Sampling Date/Time: 07/17/97 11:20
Report Period: 1997/2nd Semi-Annual
Well Purged: Yes
Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	Y	3010/6010	07/21 00:00	20 ug/l	10 ug/l
001045 Iron	Bailer	Y	3010/6010	08/20 00:00	8000 ug/l	50 ug/l
000929 Sodium	Bailer	Y	3010/6010	08/20 00:00	13000 ug/l	500 ug/l
001087 Vanadium	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
Prefiltered Turbidity	Bailer	N	180.1	07/17 00:00	7.85 NTU	

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 114.68
 Total Depth (ft): 118.5
 Column Height (ft): 3.82
 Column Volume (gal): .62
 Evacuation (gal):
 Actual (gal): .75

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 23.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15910
 Well Name: MW-3
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.79
 or (MSL):

Sampling Date/Time: 07/17/97 10:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/21 00:00	16 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	Y	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/21 00:00	260 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	Y	field	07/17 00:00	120.47 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	30.0umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	6.70 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	5.7	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	23.6 Deg. C	0.10
82078 Field Turbidity	Bailer	Y	field	07/17 00:00	0.160 NTU	

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 114.68
 Total Depth (ft): 118.5
 Column Height (ft): 3.82
 Column Volume (gal): .62
 Evacuation (gal):
 Actual (gal): .75

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 23.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15910
 Well Name: MW-3
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.79
 or (MSL):

Sampling Date/Time: 07/17/97 10:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles

81552	Acetone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034215	Acrylonitrile	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034030	Benzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
73085	Bromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32101	Bromodichloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32104	Bromoform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77041	Carbon Disulfide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32102	Carbon Tetrachloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34301	Chlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34311	Chloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32106	Chloroform	Bailer	N	5030/8260	07/23 00:00	1.8 ug/l	1.0 ug/l
32105	Dibromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
38760	1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77651	1,2-Dibromoethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34536	1,2-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34571	1,4-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
077268	trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/23 00:00	<10 ug/l	10 ug/l
34496	1,1-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34531	1,2-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34501	1,1-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77093	cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34546	trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34541	1,2-Dichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 114.68
 Total Depth (ft): 118.5
 Column Height (ft): 3.82
 Column Volume (gal): .62
 Evacuation (gal):
 Actual (gal): .75

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 23.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15910
 Well Name: MW-3
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.79
 or (MSL):

Sampling Date/Time: 07/17/97 10:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/23 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 114.68
 Total Depth (ft): 118.5
 Column Height (ft): 3.82
 Column Volume (gal): .62
 Evacuation (gal):
 Actual (gal): .75

Sample Appearance
 Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 23.6
 Atmosphere: PARTLY CLOUDY
 Other:

Evacuation Method: SUBMERSIBLE

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15910
 Well Name: MW-3
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.79
 or (MSL):

Sampling Date/Time: 07/17/97 10:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

39175 Vinyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/23 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/23 00:00	100 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/23 00:00	93.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/23 00:00	96.0 %	82-116

General Chemistry

000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	5.7 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	<0.050 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	<0.10 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	24 mg/l	20 mg/l

EDE/DBCP

77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	

Metals

001007 Barium	Bailer	Y	3010/6010	07/21 00:00	450 ug/l	10 ug/l
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Well development: pumping the well prior to sampling to obtain representative ground water samples.

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 114.68
 Total Depth (ft): 118.5
 Column Height (ft): 3.82
 Column Volume (gal): .62
 Evacuation (gal):
 Actual (gal): .75

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 23.6
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A15910
 Well Name: MW-3
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.79
 or (MSL):

Sampling Date/Time: 07/17/97 10:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: BACKGROUND

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	Y	3010/6010	08/20 00:00	<50 ug/l	50 ug/l
000929 Sodium	Bailer	Y	3010/6010	08/20 00:00	4100 ug/l	500 ug/l
001087 Vanadium	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
Prefiltered Turbidity	Bailer	N	180.1	07/17 00:00	102 NTU	

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 112.5
 Total Depth (ft): 121.97
 Column Height (ft): 9.47
 Column Volume (gal): 1.54
 Evacuation (gal):
 Actual (gal): 3

Sample Appearance
 Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 34.7
 Atmosphere: PARTLY CLOUDY
 Other:

Evacuation Method: SUBMERSIBLE

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17270
 Well Name: MW-6
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.98
 or (MSL):

Sampling Date/Time: 07/17/97 11:55
 Report Period: Semi-Annual
 Well Purged: Yes
 Well Type: INTERMEDIATE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/21 00:00	19 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	SM3113B	07/25 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	Y	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/21 00:00	290 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	Y	field	07/17 00:00	118.48 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	750umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	3.10 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	4.7	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	27.1 Deg. C	0.10
82078 Field Turbidity	Bailer	Y	field	07/17 00:00	0.140 NTU	

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 112.5
 Total Depth (ft): 121.97
 Column Height (ft): 9.47
 Column Volume (gal): 1.54
 Evacuation (gal):
 Actual (gal): 3

Sample Appearance
 Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 34.7
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17270
 Well Name: MW-6
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.98
 or (MSL):

Sampling Date/Time: 07/17/97 11:55
 Report Period: Semi-Annual
 Well Purged: Yes
 Well Type: INTERMEDIATE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/23 00:00	1.8 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/23 00:00	19 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/23 00:00	5.2 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/23 00:00	20 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/23 00:00	18 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34571 1,4-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	1.3 ug/l	1.0 ug/l
077268 trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/23 00:00	<10 ug/l	10 ug/l
34496 1,1-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34531 1,2-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34501 1,1-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77093 cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	2.6 ug/l	1.0 ug/l
34546 trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34541 1,2-Dichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 112.5
 Total Depth (ft): 121.97
 Column Height (ft): 9.47
 Column Volume (gal): 1.54
 Evacuation (gal):
 Actual (gal): 3

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.7
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17270
 Well Name: MW-6
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.98
 or (MSL):

Sampling Date/Time: 07/17/97 11:55
 Report Period: Semi-Annual
 Well Purged: Yes
 Well Type: INTERMEDIATE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/23 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications
 Diameter (in): 2
 Water Level (ft): 112.5
 Total Depth (ft): 121.97
 Column Height (ft): 9.47
 Column Volume (gal): 1.54
 Evacuation (gal):
 Actual (gal): 3

Sample Appearance
 Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 34.7
 Atmosphere: PARTLY CLOUDY
 Other:

Evacuation Method: SUBMERSIBLE

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17270
 Well Name: MW-6
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.98
 or (MSL):

Sampling Date/Time: 07/17/97 11:55
 Report Period: Semi-Annual
 Well Purged: Yes
 Well Type: INTERMEDIATE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
39175 Vinyl Chloride	Bailer	N	5030/8260	07/23 00:00	4.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/23 00:00	5.7 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/23 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/23 00:00	102 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/23 00:00	95.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/23 00:00	99.0 %	82-116
General Chemistry						
000610 Ammonia	Bailer	N	350.1	07/24 00:00	2.0 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/21 00:00	160 mg/l	13 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	44 mg/l	0.50 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	44 mg/l	0.50 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	600 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Metals						
001007 Barium	Bailer	Y	3010/6010	07/21 00:00	510 ug/l	10 ug/l

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

Task 2

Well Specifications

Diameter (in): 2
 Water Level (ft): 112.5
 Total Depth (ft): 121.97
 Column Height (ft): 9.47
 Column Volume (gal): 1.54
 Evacuation (gal):
 Actual (gal): 3

Sample Appearance

Tint: LIGHT
 Color: TAN
 Turbidity:
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.7
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A17270
 Well Name: MW-6
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 5.98
 or (MSL):

Sampling Date/Time: 07/17/97 11:55
 Report Period: Semi-Annual
 Well Purged: Yes
 Well Type: INTERMEDIATE

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	Y	3010/6010	08/20 00:00	370 ug/l	50 ug/l
000929 Sodium	Bailer	Y	3010/6010	08/20 00:00	130000 ug/l	500 ug/l
001087 Vanadium	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
Prefiltered Turbidity	Bailer	N	180.1	07/17 00:00	10.3 NTU	

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 3.83
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.4
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:00
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	N	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	N	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	N	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	N	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	N	3010/6010A	07/21 00:00	500 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	N	field	07/17 00:00	111.94 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	90.0umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	3.80 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	5.3	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	30.2 Deg. C	0.10
82078 Field Turbidity	Bailer	N	field	07/17 00:00	3.83 NTU	

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 3.83
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.4
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:00
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34571 1,4-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
077268 trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/23 00:00	<10 ug/l	10 ug/l
34496 1,1-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34531 1,2-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34501 1,1-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77093 cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34546 trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34541 1,2-Dichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 3.83
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.4
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:00
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
34704	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34699	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34371	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77103	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34413	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34418	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77596	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34423	Bailer	N	5030/8260	07/23 00:00	<5.0 ug/l	5.0 ug/l
81595	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77424	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
78133	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77128	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77562	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34516	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34475	Bailer	N	5030/8260	07/23 00:00	1.1 ug/l	1.0 ug/l
034010	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34506	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34511	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
39180	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34488	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77443	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77057	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 3.83
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.4
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:00
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
39175 Vinyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/23 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/23 00:00	105 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/23 00:00	98.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/23 00:00	101 %	82-116
General Chemistry						
000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	7.7 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	2.6 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	2.6 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	40 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Metals						
001007 Barium	Bailer	N	3010/6010	07/21 00:00	480 ug/l	10 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 3.83
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 34.4
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:00
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	N	3010/6010	08/20 00:00	220 ug/l	50 ug/l
000929 Sodium	Bailer	N	3010/6010	08/20 00:00	9500 ug/l	500 ug/l
001087 Vanadium	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 2.15
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 35
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B Dup
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	N	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	N	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	N	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	N	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	N	3010/6010A	07/21 00:00	400 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	N	field	07/17 00:00	111.94 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	70.0umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	3.40 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	4.8	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	28.2 Deg. C	0.10
82078 Field Turbidity	Bailer	N	field	07/17 00:00	2.15 NTU	

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 2.15
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 35
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B Dup
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34571 1,4-Dichlorobenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
077268 trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/23 00:00	<10 ug/l	10 ug/l
34496 1,1-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34531 1,2-Dichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34501 1,1-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77093 cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34546 trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34541 1,2-Dichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications
 Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance
 Tint: NONE
 Color: CLEAR
 Turbidity: 2.15
 Odor: LIGHT
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 35
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B Dup
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/23 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/23 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 2.15
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 35
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B Dup
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

39175 Vinyl Chloride	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/23 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/23 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/23 00:00	103 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/23 00:00	97.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/23 00:00	98.0 %	82-116

General Chemistry

000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	8.3 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	2.5 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	2.5 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	42 mg/l	20 mg/l

EDB/DBCP

77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	

Metals

001007 Barium	Bailer	N	3010/6010	07/21 00:00	460 ug/l	10 ug/l
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Well development: pumping the well prior to sampling to obtain representative ground water samples.

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 107.23
 Total Depth (ft): 121.6
 Column Height (ft): 14.37
 Column Volume (gal): 9.38
 Evacuation (gal):
 Actual (gal): 14

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 2.15
 Odor: LIGHT

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 35
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13195
 Well Name: MW-B Dup
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.71
 or (MSL):

Sampling Date/Time: 07/17/97 13:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	N	3010/6010	08/20 00:00	100 ug/l	50 ug/l
000929 Sodium	Bailer	N	3010/6010	08/20 00:00	9300 ug/l	500 ug/l
001087 Vanadium	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 110.54
 Total Depth (ft): 121.5
 Column Height (ft): 10.96
 Column Volume (gal): 7.16
 Evacuation (gal): 21.47
 Actual (gal): 40

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 4.49
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 33
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13196
 Well Name: MW-C
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.64
 or (MSL):

Sampling Date/Time: 07/17/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	N	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	N	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	N	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	N	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	N	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	N	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	N	3010/6010A	07/21 00:00	210 ug/l	10 ug/l
Field Services						
Casing Top to Water	Bailer	N	field	07/17 00:00	115.18 feet	
000094 Conductivity	Bailer	N	120.1	07/17 00:00	170umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	5.00 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	7.5	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	25.1 Deg. C	0.10
82078 Field Turbidity	Bailer	N	field	07/17 00:00	4.49 NTU	

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 110.54
 Total Depth (ft): 121.5
 Column Height (ft): 10.96
 Column Volume (gal): 7.16
 Evacuation (gal): 21.47
 Actual (gal): 40

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 4.49
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 33
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13196
 Well Name: MW-C
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.64
 or (MSL):

Sampling Date/Time: 07/17/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles						
81552 Acetone	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
034215 Acrylonitrile	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
034030 Benzene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
73085 Bromochloromethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
32101 Bromodichloromethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
32104 Bromoform	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77041 Carbon Disulfide	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
32102 Carbon Tetrachloride	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34301 Chlorobenzene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34311 Chloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
32106 Chloroform	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
32105 Dibromochloromethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
38760 1,2-Dibromo-3-Chloropropane	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
77651 1,2-Dibromoethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34536 1,2-Dichlorobenzene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34571 1,4-Dichlorobenzene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
077268 trans-1,4-Dichloro-2-Butene	Bailer	N	5030/8260	07/24 00:00	<10 ug/l	10 ug/l
34496 1,1-Dichloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34531 1,2-Dichloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34501 1,1-Dichloroethylene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77093 cis-1,2-Dichloroethylene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34546 trans-1,2-Dichloroethylene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34541 1,2-Dichloropropane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l

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

Task 2

Well Specifications

Diameter (in): 4
 Water Level (ft): 110.54
 Total Depth (ft): 121.5
 Column Height (ft): 10.96
 Column Volume (gal): 7.16
 Evacuation (gal): 21.47
 Actual (gal): 40

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity: 4.49
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 33
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13196
 Well Name: MW-C
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.64
 or (MSL):

Sampling Date/Time: 07/17/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

34704	cis-1,3-Dichloropropene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34699	trans-1,3-Dichloropropene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34371	Ethylbenzene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77103	2-Hexanone	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
34413	Methyl Bromide	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34418	Methyl Chloride	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77596	Methylene Bromide	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
34423	Methylene Chloride	Bailer	N	5030/8260	07/24 00:00	<5.0 ug/l	5.0 ug/l
81595	Methyl Ethyl Ketone	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
77424	Methyl Iodide	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
78133	4-Methyl-2-Pentanone	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
77128	Styrene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77562	1,1,1,2-Tetrachloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34516	1,1,2,2-Tetrachloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34475	Tetrachloroethylene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
034010	Toluene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34506	1,1,1-Trichloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34511	1,1,2-Trichloroethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
39180	Trichloroethylene	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
34488	Trichlorofluoromethane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77443	1,2,3-Trichloropropane	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
77057	Vinyl Acetate	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l

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

Task 2

Well Specifications
 Diameter (in): 4
 Water Level (ft): 110.54
 Total Depth (ft): 121.5
 Column Height (ft): 10.96
 Column Volume (gal): 7.16
 Evacuation (gal): 21.47
 Actual (gal): 40

Sample Appearance
 Tint: NONE
 Color: CLEAR
 Turbidity: 4.49
 Odor: NONE
Environmental Conditions
 Wind: W 0-5
 Rain: NONE
 Air (^C): 33
 Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: 4009A13196
 Well Name: MW-C
 Classification of Groundwater: G-II
 GW Elevation (NGVD): 4.64
 or (MSL):

Sampling Date/Time: 07/17/97 12:40
 Report Period: 1997/2nd Semi-Annual
 Well Purged: Yes
 Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Appendix I - Volatiles (continued)						
39175 Vinyl Chloride	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/24 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/24 00:00	102 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/24 00:00	98.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/24 00:00	100 %	82-116
General Chemistry						
000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	7.3 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	<0.050 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	<0.10 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	110 mg/l	20 mg/l
EDB/DBCP						
77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	
Metals						
001007 Barium	Bailer	N	3010/6010	07/21 00:00	450 ug/l	10 mg/l

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

Task 2

Well Specifications

Diameter (in): 4
Water Level (ft): 110.54
Total Depth (ft): 121.5
Column Height (ft): 10.96
Column Volume (gal): 7.16
Evacuation (gal): 21.47
Actual (gal): 40

Sample Appearance

Tint: NONE
Color: CLEAR
Turbidity: 4.49
Odor: NONE

Environmental Conditions

Wind: W 0-5
Rain: NONE
Air (^C): 33
Atmosphere: PARTLY CLOUDY

Evacuation Method: SUBMERSIBLE

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
Test Site ID #: 4009A13196
Well Name: MW-C
Classification of Groundwater: G-II
GW Elevation (NGVD): 4.64
or (MSL):

Sampling Date/Time: 07/17/97 12:40
Report Period: 1997/2nd Semi-Annual
Well Purged: Yes
Well Type: DETECTION

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
1037 Cobalt	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 mg/l
001045 Iron	Bailer	N	3010/6010	08/20 00:00	390 ug/l	50 mg/l
000929 Sodium	Bailer	N	3010/6010	08/20 00:00	4400 ug/l	500 mg/l
001087 Vanadium	Bailer	N	3010/6010	07/21 00:00	<10 ug/l	10 mg/l

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

Task 2

Well Specifications

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

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity:
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 30.1
 Atmosphere: PARTLY CLOUDY
 Other:

Evacuation Method: NA

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: NA
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/17/97 10:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	Y	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
000094 Conductivity	Bailer	N	120.1	07/17 00:00	5.00umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	6.70 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	8.1	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	28.6 Deg. C	0.10
82078 Field Turbidity	Bailer	Y	field	07/17 00:00	0.0200 NTU	

Appendix I - Volatiles

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

Task 2

Well Specifications

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

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity:
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 30.1
 Atmosphere: PARTLY CLOUDY

Evacuation Method: NA

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086

Test Site ID #: NA

Well Name: Equip Blank

Classification of Groundwater: NA

GW Elevation (NGVD):

or (MSL): NA

Sampling Date/Time: 07/17/97 10:20

Report Period: 1997/2nd Semi-Annual

Well Purged: NA

Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals						
01097 Antimony	Bailer	Y	3010/6010A	07/21 00:00	<6.0 ug/l	6.0 ug/l
01002 Arsenic	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
01012 Beryllium	Bailer	Y	3010/6010A	07/21 00:00	<4.0 ug/l	4.0 ug/l
01027 Cadmium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
01034 Chromium	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001042 Copper	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001051 Lead	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
71900 Mercury	Bailer	Y	245.2	07/21 00:00	<0.50 ug/l	0.50 ug/l
1067 Nickel	Bailer	Y	3010/6010A	07/21 00:00	<5.0 ug/l	5.0 ug/l
001147 Selenium	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001077 Silver	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
001059 Thallium	Bailer	Y	SM3113B	07/24 00:00	<2.0 ug/l	2.0 ug/l
001092 Zinc	Bailer	Y	3010/6010A	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
000094 Conductivity	Bailer	N	120.1	07/17 00:00	5.00umhos/cm	
00299 Dissolved O2	Bailer	N	360.1	07/17 00:00	6.70 mg/l	0.50
000406 Field pH	Bailer	N	150.1	07/17 00:00	8.1	
000010 Field Temp	Bailer	N	170.1	07/17 00:00	28.6 Deg. C	0.10
82078 Field Turbidity	Bailer	Y	field	07/17 00:00	0.0200 NTU	

Appendix I - Volatiles

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

Task 2

Well Specifications

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

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity:
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 30.1
 Atmosphere: PARTLY CLOUDY

Evacuation Method: NA

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: NA
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/17/97 10:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
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Appendix I - Volatiles (continued)

77057 Vinyl Acetate	Bailer	N	5030/8260	07/24 00:00	<50 ug/l	50 ug/l
39175 Vinyl Chloride	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
034020 Total Xylenes	Bailer	N	5030/8260	07/24 00:00	<1.0 ug/l	1.0 ug/l
Dilution Factor	Bailer	N	5030/8260	07/24 00:00	1.0	1.0
Surrogate Recoveries:						
4-Bromofluorobenzene	Bailer	N	5030/8260	07/24 00:00	102 %	82-119
Dibromofluoromethane	Bailer	N	5030/8260	07/24 00:00	95.0 %	75-112
Toluene-D8	Bailer	N	5030/8260	07/24 00:00	97.0 %	82-116

General Chemistry

000610 Ammonia	Bailer	N	350.1	07/24 00:00	<0.050 mg/l	0.050 mg/l
00940 Chloride	Bailer	N	300.0	07/18 00:00	<0.50 mg/l	0.50 mg/l
00620 Nitrate	Bailer	N	300.0	07/18 00:00	<0.050 mg/l	0.050 mg/l
00630 Nitrate-Nitrite	Bailer	N	300.0	07/18 00:00	<0.10 mg/l	0.10 mg/l
000515 Total Dissolved Solids	Bailer	N	160.1	07/20 00:00	<10 mg/l	10 mg/l

EDB/DBCP

77651 EDB	Bailer	N	8011	07/23 00:00	<0.020 ug/l	0.020 ug/l
38760 DBCP	Bailer	N	8011	07/23 00:00	<0.20 ug/l	0.20 ug/l
Dilution Factor	Bailer	N	8011	07/23 00:00	1.0	

Metals

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

Client: Citrus County Solid Waste

Report of Analysis for DEP

Task 2

Well Specifications

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

Sample Appearance

Tint: NONE
 Color: CLEAR
 Turbidity:
 Odor: NONE

Environmental Conditions

Wind: W 0-5
 Rain: NONE
 Air (^C): 30.1
 Atmosphere: PARTLY CLOUDY

Evacuation Method: NA

Other:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: 4009C00086
 Test Site ID #: NA
 Well Name: Equip Blank
 Classification of Groundwater: NA
 GW Elevation (NGVD):
 or (MSL): NA

Sampling Date/Time: 07/17/97 10:20
 Report Period: 1997/2nd Semi-Annual
 Well Purged: NA
 Well Type: NA

Storet Parameter Code Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limit/Units
Metals (continued)						
001007 Barium	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
1037 Cobalt	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
001045 Iron	Bailer	Y	3010/6010	08/20 00:00	<50 ug/l	50 ug/l
000929 Sodium	Bailer	Y	3010/6010	08/20 00:00	<500 ug/l	500 ug/l
001087 Vanadium	Bailer	Y	3010/6010	07/21 00:00	<10 ug/l	10 ug/l
Field Services						
Prefiltered Turbidity	Bailer	N	180.1	07/17 00:00	0.0400 NTU	

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