



SARASOTA COUNTY

"Dedicated to Quality Service"

188444



January 21, 2004

John Morris, P.G.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Central County Solid Waste Disposal Complex (CCSWDC)
Permit Number SO58-299180
Semi-annual Groundwater, **Leachate**, and Surface Water Monitoring Reports

Dear Mr. Morris:

Enclosed you will find the Semi-annual Groundwater, Leachate and Surface water reports for the CCSWDC for the period July 1, 2003 through December 31, 2003. The samples were analyzed in accordance with Specific Condition No. 34 for the field and laboratory parameters listed and 40 CFR 258 Appendix I analytes. The groundwater report was prepared as per Specific Condition 34. The leachate report and surface water were tested as per Specific Condition 31 and Specific Condition 33. The Information provided includes:

- FDEP Groundwater Monitoring Report Form # 62-522.900 (2) with analytical results.
- Analytical results as reported by the laboratory.
- A ground water level contour map.
- Historical data sheet.
- QA Reports from Sarasota County Environmental Services/Natural Resources/Resources Management Laboratory Services.
- Field data sheets.
- Chains of custody reports.

Please contact me if you have any questions at (941) 861-1577.

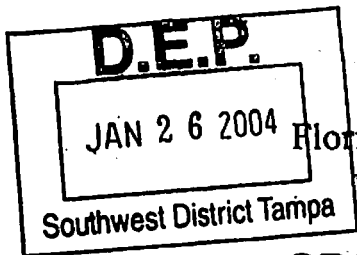
Sincerely,

Don Shaulis
Solid Waste Operations

Enclosures

C: Susan J. Pelz, P.E., FDEP (w/o enclosures)

I:\projects\Central County Solid Waste Disposal Complex\Groundwater\2003 reports\Morris - gw semi-annual - July 14, 2003.doc



Florida Department of Environmental Protection

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

DEP Form # 62-522.900(2)

Form Title Ground Water Monitoring Report

Effective Date

DEP Application No.

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Central County Solid Waste Disposal Complex

Address 4000 Knights Trail Road

City Nokomis Florida

Zip 34275

Telephone Number (941)

(2) The GMS Identification Number 4058C02034

(3) DEP Permit Number SO58-299180

(4) Authorized Representative Name Don Shaulis

Address 4000 Knights Trail Road

City Nokomis Florida

Zip 34275

Telephone Number (941)

(5) Type of Discharge

(6) Method of Discharge

Certification

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

Date: 1-21-04

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization

Comp QAP #

Analytical Lab

Comp QAP # /HRS Certification # 860198

#E83079

ELAB Inc.

*Comp QAP # /HRS Certification # 870594G

#E84167 and #84455

Benchmark EnviroAnalytical

Lab Name ELAB Inc

Address P.O. Box 468 Ormond Beach, Florida 32175-0468

Phone Number (904) 672-5688



**ENVIRONMENTAL SERVICES / NATURAL RESOURCES / RESOURCE
MANAGEMENT
LABORATORY SERVICES
QUALITY ASSURANCE REPORT**

FACILITY: Central Country Solid Waste Disposal

PROJECT: Semi-annual Leachate

DATE SAMPLED: 10/07/03

DATE REVIEWED: 1/8/04

REVIEW CRITERIA: 40 CFR 260.120

QAO: Cesar A. Rodriguez

COMMENTS: All data is complete
QA report attached
Field data sheets attached
DEP forms attached
Chain of Custody is attached

There were no exceedances found.

The following irregularities were found:
Mercury recovery failed low biased for 1 matrix spike, passed second,,
passed MBLK, LCS.

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-001



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:50:00 AM
Well/Sampling Point WACS:	CCLEAP	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEAP	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	870		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	110		mg/L	1.0
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	57		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	ND	U	mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	ND	U	mg/L	
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/10/03	560		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/10/03	6.2		mg/L	1.5
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/10/03	570		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	19		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	31		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	8.4		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	1.5	U	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	0.58	U	µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	800		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	5.1		µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	100000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	6.8	I	µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	2.6	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	0.50	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	1.1		µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data Qualifier Code Key:

- Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded
- I Analyte detected below quantitation limits
- U Not Detected Above the MDL



Central City Leachate 2nd
PARAMETER MONITORING REPORT
 Ground Water (Rule 62-520.400, .420, .460)
 Surface Water (Rule 62-302.500, .510, .503)
 Leachate (Rule 62-701.510)
LAB Submission Number: F03100225
Sample Number: F03100225-001

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:50:00 AM
Well/Sampling Point WACS:	CCLEAP	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEAP	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/20/03	1.8	U	µg/L	1.8
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	1.9	U	µg/L	1.9
34030	Benzene	Grab	N	SW8260	10/20/03	3.4		µg/L	0.62
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	0.44	U	µg/L	0.44
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
32104	Bromoform	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34413	Bromomethane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
81595	2-Butanone	Grab	N	SW8260	10/20/03	70		µg/L	0.58
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34311	Chloroethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
32106	Chloroform	Grab	N	SW8260	10/20/03	0.56	U	µg/L	0.56
34418	Chloromethane	Grab	N	SW8260	10/20/03	0.62	U	µg/L	0.62
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
77596	Dibromomethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.36	U	µg/L	0.36
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	6.3		µg/L	0.20
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.46	I	µg/L	0.30
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	40		µg/L	0.24
77103	2-Hexanone	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52
77424	Iodomethane	Grab	N	SW8260	10/20/03	0.76	U	µg/L	0.76
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	5.4	I	µg/L	0.42
34423	Methylene chloride	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key: I Analyte detected below quantitation limits
 U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-001



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:50:00 AM
Well/Sampling Point WACS:	CCLEAP	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEAP	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	3.2		µg/L	0.34
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34010	Toluene	Grab	N	SW8260	10/20/03	8.7		µg/L	0.20
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	0.48	U	µg/L	0.48
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
39180	Trichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	0.64	U	µg/L	0.64
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	0.58	U	µg/L	0.58

Data Qualifier Code Key:

- * Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded
- I Analyte detected below quantitation limits
- U Not Detected Above the MDL

**Central Cty. Leachate 2nd****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-002

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 8:25:00 AM
Well/Sampling Point WACS:	CCLEA1	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA1	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	1100		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	150		mg/L	2.0
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	76		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	ND	U	mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	ND	U	mg/L	
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/10/03	910		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/10/03	3.3	I	mg/L	1.5
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/10/03	920		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	13		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	110		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.14	I	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	6.2		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	1.5	U	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	0.63	I	µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	920		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	8.1		µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	130000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	9.8	I	µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	28		µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	0.55	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	0.55	I	µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data Qualifier Code Key:

- * Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded
- I Analyte detected below quantitation limits
- U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-002



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 8:25:00 AM
Well/Sampling Point WACS:	CCLEA1	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA1	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/20/03	1.8	U	µg/L	1.8
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	1.9	U	µg/L	1.9
34030	Benzene	Grab	N	SW8260	10/20/03	4.5	U	µg/L	0.62
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	0.44	U	µg/L	0.44
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
32104	Bromoform	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34413	Bromomethane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
81595	2-Butanone	Grab	N	SW8260	10/20/03	0.58	U	µg/L	0.58
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34311	Chloroethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
32106	Chloroform	Grab	N	SW8260	10/20/03	0.56	U	µg/L	0.56
34418	Chloromethane	Grab	N	SW8260	10/20/03	0.62	U	µg/L	0.62
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
77596	Dibromomethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.36	U	µg/L	0.36
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	13	U	µg/L	0.20
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	9.7	U	µg/L	0.24
77103	2-Hexanone	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52
77424	Iodomethane	Grab	N	SW8260	10/20/03	0.76	U	µg/L	0.76
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	0.42	U	µg/L	0.42
34423	Methylene chloride	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52

Data * Value exceeds Maximum Contaminant Level
 Qualifier Q Holding times for preparation or analysis exceeded
 Code Key:

I Analyte detected below quantitation limits
 U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-002



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 8:25:00 AM
Well/Sampling Point WACS:	CCLEA1	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA1	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34010	Toluene	Grab	N	SW8260	10/20/03	2.0	U	µg/L	0.20
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	0.48	U	µg/L	0.48
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
39180	Trichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	0.64	U	µg/L	0.64
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	0.58	U	µg/L	0.58

Data Qualifier Code Key:

* Value exceeds Maximum Contaminant Level
Q Holding times for preparation or analysis exceeded

I Analyte detected below quantitation limits
U Not Detected Above the MDL

**Central City Leachate 2nd****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-003

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 9:10:00 AM
Well/Sampling Point WACS:	CCLEA2	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA2	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	1600		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	240		mg/L	2.0
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	140		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	ND	U	mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	ND	U	mg/L	
00440	Alkalinity, Bicarbonate (As CaCO ₃)	Grab	N	SM2320	10/10/03	1200		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO ₃)	Grab	N	SM2320	10/10/03	15		mg/L	1.5
00410	Alkalinity, Total (As CaCO ₃)	Grab	N	SM2320	10/10/03	1200		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	29		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	53		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.14	I	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.28	I	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	22		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	3.6	I	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	9.1		µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	470		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	13		µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	230000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	16		µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	26		µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	0.35	U	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	0.25	U	µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data
Qualifier
Code Key:

- Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded

I Analyte detected below quantitation limits
U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-003



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 9:10:00 AM
Well/Sampling Point WACS:	CCLEA2	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA2	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/20/03	9.1	U	µg/L	9.1
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	9.3	U	µg/L	9.3
34030	Benzene	Grab	N	SW8260	10/20/03	4.4	J*	µg/L	3.1
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	2.2	U	µg/L	2.2
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
32104	Bromoform	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34413	Bromomethane	Grab	N	SW8260	10/20/03	1.2	U	µg/L	1.2
81595	2-Butanone	Grab	N	SW8260	10/20/03	240		µg/L	2.9
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	2.5	U	µg/L	2.5
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	2.5	U	µg/L	2.5
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
34311	Chloroethane	Grab	N	SW8260	10/20/03	1.6	U	µg/L	1.6
32106	Chloroform	Grab	N	SW8260	10/20/03	2.8	U	µg/L	2.8
34418	Chloromethane	Grab	N	SW8260	10/20/03	3.1	U	µg/L	3.1
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	1.6	U	µg/L	1.6
77596	Dibromomethane	Grab	N	SW8260	10/20/03	1.3	U	µg/L	1.3
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	1.4	U	µg/L	1.4
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	1.8	U	µg/L	1.8
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	8.3	I	µg/L	1.0
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	3.0	U	µg/L	3.0
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	1.7	U	µg/L	1.7
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	1.2	U	µg/L	1.2
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.70	U	µg/L	0.70
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	50		µg/L	1.2
77103	2-Hexanone	Grab	N	SW8260	10/20/03	2.6	U	µg/L	2.6
77424	Iodomethane	Grab	N	SW8260	10/20/03	3.8	U	µg/L	3.8
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	2.1	U	µg/L	2.1
34423	Methylene chloride	Grab	N	SW8260	10/20/03	6.4	J*	µg/L	2.6

Data Qualifier Code Key:

- * Value exceeds Maximum Contaminant Level
- Q Holding times for preparation or analysis exceeded
- I Analyte detected below quantitation limits
- U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-003



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 9:10:00 AM
Well/Sampling Point WACS:	CCLEA2	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA2	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	1.7	U	µg/L	1.7
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34010	Toluene	Grab	N	SW8260	10/20/03	17	U	µg/L	1.0
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	2.4	U	µg/L	2.4
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	1.3	U	µg/L	1.3
39180	Trichloroethene	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	3.2	U	µg/L	3.2
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	3.0	U	µg/L	3.0
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	1.4	U	µg/L	1.4
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	2.9	U	µg/L	2.9

Data Qualifier Code Key:

*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-004



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:05:00 AM
Well/Sampling Point WACS:	CCLEA3	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA3	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	3400		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	530		mg/L	5.0
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	230		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	0.019		mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	0.019		mg/L	
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/10/03	2500		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/10/03	24		mg/L	1.5
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/10/03	2500		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	48		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	69		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.13	I	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	26		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	3.9	I	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	3.5	I	µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	890		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	30		µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	410000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	19		µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	5.2	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	0.87	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	0.69	I	µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data Qualifier Code Key:

* Value exceeds Maximum Contaminant Level
Q Holding times for preparation or analysis exceeded

I Analyte detected below quantitation limits
U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-004



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:05:00 AM
Well/Sampling Point WACS:	CCLEA3	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA3	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/20/03	9.1	U	µg/L	9.1
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	9.3	U	µg/L	9.3
34030	Benzene	Grab	N	SW8260	10/20/03	7.9	J*	µg/L	3.1
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	2.2	U	µg/L	2.2
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
32104	Bromoform	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34413	Bromomethane	Grab	N	SW8260	10/20/03	1.2	U	µg/L	1.2
81595	2-Butanone	Grab	N	SW8260	10/20/03	830		µg/L	2.9
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	2.5	U	µg/L	2.5
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	2.5	U	µg/L	2.5
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
34311	Chloroethane	Grab	N	SW8260	10/20/03	1.6	U	µg/L	1.6
32106	Chloroform	Grab	N	SW8260	10/20/03	2.8	U	µg/L	2.8
34418	Chloromethane	Grab	N	SW8260	10/20/03	3.1	U	µg/L	3.1
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	1.6	U	µg/L	1.6
77596	Dibromomethane	Grab	N	SW8260	10/20/03	1.3	U	µg/L	1.3
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	1.4	U	µg/L	1.4
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	1.8	U	µg/L	1.8
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	5.6	I	µg/L	1.0
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	3.0	U	µg/L	3.0
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	1.0	U	µg/L	1.0
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	1.7	U	µg/L	1.7
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	1.2	U	µg/L	1.2
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.70	U	µg/L	0.70
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	50		µg/L	1.2
77103	2-Hexanone	Grab	N	SW8260	10/20/03	2.6	U	µg/L	2.6
77424	Iodomethane	Grab	N	SW8260	10/20/03	3.8	U	µg/L	3.8
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	21	I	µg/L	2.1
34423	Methylene chloride	Grab	N	SW8260	10/20/03	2.6	U	µg/L	2.6

Data	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Qualifier	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
Code Key:			



Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-004

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:05:00 AM
Well/Sampling Point WACS:	CCLEA3	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA3	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	16		µg/L	1.7
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	1.1	U	µg/L	1.1
34010	Toluene	Grab	N	SW8260	10/20/03	40		µg/L	1.0
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	2.4	U	µg/L	2.4
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	1.3	U	µg/L	1.3
39180	Trichloroethene	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	3.2	U	µg/L	3.2
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	3.0	U	µg/L	3.0
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	1.5	U	µg/L	1.5
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	1.4	U	µg/L	1.4
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	2.9	U	µg/L	2.9

Data Qualifier Code Key:

*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL

**Central City Leachate 2nd****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-005

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:25:00 AM
Well/Sampling Point WACS:	CCLEA4	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	1100		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	160		mg/L	2.0
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	59		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	0.030		mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	0.030		mg/L	
00440	Alkalinity, Bicarbonate (As CaCO ₃)	Grab	N	SM2320	10/10/03	730		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO ₃)	Grab	N	SM2320	10/10/03	2.2	I	mg/L	1.5
00410	Alkalinity, Total (As CaCO ₃)	Grab	N	SM2320	10/10/03	730		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	28		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	38		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	8.9		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	1.5	U	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	2.2	I	µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	590		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	12		µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	130000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	6.4	I	µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	7.2	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	1.8	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	1.0		µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data • Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected Above the MDL

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-005



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:25:00 AM
Well/Sampling Point WACS:	CCLEA4	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/20/03	1.8	U	µg/L	1.8
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	1.9	U	µg/L	1.9
34030	Benzene	Grab	N	SW8260	10/20/03	1.7	J*	µg/L	0.62
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	0.44	U	µg/L	0.44
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
32104	Bromoform	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34413	Bromomethane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
81595	2-Butanone	Grab	N	SW8260	10/20/03	28		µg/L	0.58
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	13		µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34311	Chloroethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
32106	Chloroform	Grab	N	SW8260	10/20/03	0.56	U	µg/L	0.56
34418	Chloromethane	Grab	N	SW8260	10/20/03	0.62	U	µg/L	0.62
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
77596	Dibromomethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.36	U	µg/L	0.36
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	2.5		µg/L	0.20
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	14		µg/L	0.24
77103	2-Hexanone	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52
77424	Iodomethane	Grab	N	SW8260	10/20/03	0.76	U	µg/L	0.76
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	0.42	U	µg/L	0.42
34423	Methylene chloride	Grab	N	SW8260	10/20/03	0.76	I	µg/L	0.52

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
 Qualifier Q Holding times for preparation or analysis exceeded U Not Detected Above the MDL
 Code Key:

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-005



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 10:25:00 AM
Well/Sampling Point WACS:	CCLEA4	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34010	Toluene	Grab	N	SW8260	10/20/03	0.27	U	µg/L	0.20
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	0.48	U	µg/L	0.48
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
39180	Trichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	0.64	U	µg/L	0.64
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	0.58	U	µg/L	0.58

Data Qualifier Code Key:

* Value exceeds Maximum Contaminant Level	I Analyte detected below quantitation limits
Q Holding times for preparation or analysis exceeded	U Not Detected Above the MDL

**Central Cty. Leachate 2nd****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-006

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 6:00:00 PM
Well/Sampling Point WACS:	CCLEAD	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEAD	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
INORGANICS									
70300	Solids, Total Dissolved	Grab	N	E160.1	10/9/03	420		mg/L	1.2
00940	Chloride	Grab	N	E300.0	10/13/03	39		mg/L	0.10
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	10/8/03	22		mg/L	0.080
00620	Nitrogen, Nitrate	Grab	N	E353.2	10/8/03	ND	U	mg/L	
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	10/7/03	ND	U	mg/L	
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	10/10/03	190		mg/L	1.5
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	10/10/03	1.5	U	mg/L	1.5
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	10/10/03	190		mg/L	1.5
00615	Nitrogen, Nitrite	Grab	N	SM4500-	10/8/03	ND	U	mg/L	
METALS									
01002	Arsenic	Grab	N	SW6010	10/10/03	17		µg/L	2.0
01007	Barium	Grab	N	SW6010	10/10/03	19		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	10/10/03	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	10/10/03	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	10/10/03	2.6	I	µg/L	0.60
01037	Cobalt	Grab	N	SW6010	10/10/03	1.5	U	µg/L	1.5
01042	Copper	Grab	N	SW6010	10/10/03	0.58	U	µg/L	0.58
01045	Iron	Grab	N	SW6010	10/10/03	2000		µg/L	13
01051	Lead	Grab	N	SW6010	10/10/03	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	10/10/03	3.4	I	µg/L	2.0
01147	Selenium	Grab	N	SW6010	10/10/03	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	10/10/03	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	10/10/03	38000		µg/L	230
01087	Vanadium	Grab	N	SW6010	10/10/03	2.2	I	µg/L	0.40
01092	Zinc	Grab	N	SW6010	10/10/03	6.3	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	10/15/03	0.54	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	10/14/03	0.036	U	µg/L	0.036
01059	Thallium	Grab	N	SW7841	10/17/03	0.59	I	µg/L	0.25
ORGANICS									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	10/9/03	0.0041	U	µg/L	0.0041

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
 Qualifier Q Holding times for preparation or analysis exceeded U Not Detected Above the MDL
 Code Key:

Central Cty. Leachate 2nd

PARAMETER MONITORING REPORT

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-006



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 6:00:00 PM
Well/Sampling Point WACS:	CCLEAD	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	100703CCLEAD	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77651	Ethylene Dibromide	Grab	N	SW8011	10/9/03	0.0038	U	µg/L	0.0038
81552	Acetone	Grab	N	SW8260	10/23/03	260	Q	µg/L	18
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	1.9	U	µg/L	1.9
34030	Benzene	Grab	N	SW8260	10/20/03	3.6	U	µg/L	0.62
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	0.44	U	µg/L	0.44
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
32104	Bromoform	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34413	Bromomethane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
81595	2-Butanone	Grab	N	SW8260	10/23/03	440	Q	µg/L	5.8
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	0.50	U	µg/L	0.50
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34311	Chloroethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
32106	Chloroform	Grab	N	SW8260	10/20/03	0.56	U	µg/L	0.56
34418	Chloromethane	Grab	N	SW8260	10/20/03	0.62	U	µg/L	0.62
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
77596	Dibromomethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.36	U	µg/L	0.36
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	3.8	U	µg/L	0.20
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	1.0	I	µg/L	0.60
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	0.20	U	µg/L	0.20
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	1.5	I	µg/L	0.30
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.34	U	µg/L	0.34
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	25	U	µg/L	0.24
77103	2-Hexanone	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52
77424	Iodomethane	Grab	N	SW8260	10/20/03	0.76	U	µg/L	0.76
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	21	U	µg/L	0.42
34423	Methylene chloride	Grab	N	SW8260	10/20/03	0.52	U	µg/L	0.52

Data * Value exceeds Maximum Contaminant Level
 Qualifier Q Holding times for preparation or analysis exceeded
 Code Key:

I Analyte detected below quantitation limits
 U Not Detected Above the MDL

Central Cty. Leachate 2nd**PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-006



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 6:00:00 PM
Well/Sampling Point WACS:	CCLEAD	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	I00703CCLEAD	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77128	Styrene	Grab	N	SW8260	10/20/03	3.7		µg/L	0.34
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
34010	Toluene	Grab	N	SW8260	10/20/03	27		µg/L	0.20
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	0.48	U	µg/L	0.48
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
39180	Trichloroethene	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	0.64	U	µg/L	0.64
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	0.60	U	µg/L	0.60
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	0.58	U	µg/L	0.58

Data Qualifier Code Key:	* Value exceeds Maximum Contaminant Level	I Analyte detected below quantitation limits
	Q Holding times for preparation or analysis exceeded	U Not Detected Above the MDL

**Central Cty. Leachate 2nd****PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-007

Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 6:00:00 PM
Well/Sampling Point WACS:	Trip Blank	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	Trip Blank	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Trip Blank
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
ORGANICS									
81552	Acetone	Grab	N	SW8260	10/20/03	13		µg/L	0.91
34215	Acrylonitrile	Grab	N	SW8260	10/20/03	0.93	U	µg/L	0.93
34030	Benzene	Grab	N	SW8260	10/20/03	0.31	U	µg/L	0.31
73085	Bromochloromethane	Grab	N	SW8260	10/20/03	0.22	U	µg/L	0.22
32101	Bromodichloromethane	Grab	N	SW8260	10/20/03	0.10	U	µg/L	0.10
32104	Bromoform	Grab	N	SW8260	10/20/03	0.11	U	µg/L	0.11
34413	Bromomethane	Grab	N	SW8260	10/20/03	0.12	U	µg/L	0.12
81595	2-Butanone	Grab	N	SW8260	10/20/03	0.29	U	µg/L	0.29
77041	Carbon disulfide	Grab	N	SW8260	10/20/03	0.25	U	µg/L	0.25
32102	Carbon tetrachloride	Grab	N	SW8260	10/20/03	0.25	U	µg/L	0.25
34301	Chlorobenzene	Grab	N	SW8260	10/20/03	0.10	U	µg/L	0.10
34311	Chloroethane	Grab	N	SW8260	10/20/03	0.16	U	µg/L	0.16
32106	Chloroform	Grab	N	SW8260	10/20/03	0.28	U	µg/L	0.28
34418	Chloromethane	Grab	N	SW8260	10/20/03	0.31	U	µg/L	0.31
32105	Dibromochloromethane	Grab	N	SW8260	10/20/03	0.16	U	µg/L	0.16
77596	Dibromomethane	Grab	N	SW8260	10/20/03	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34536	1,2-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.18	U	µg/L	0.18
34571	1,4-Dichlorobenzene	Grab	N	SW8260	10/20/03	0.10	U	µg/L	0.10
34496	1,1-Dichloroethane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
34531	1,2-Dichloroethane	Grab	N	SW8260	10/20/03	0.10	U	µg/L	0.10
34501	1,1-Dichloroethene	Grab	N	SW8260	10/20/03	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.15	U	µg/L	0.15
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	10/20/03	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane	Grab	N	SW8260	10/20/03	0.12	U	µg/L	0.12
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	10/20/03	0.11	U	µg/L	0.11
34371	Ethylbenzene	Grab	N	SW8260	10/20/03	0.12	U	µg/L	0.12
77103	2-Hexanone	Grab	N	SW8260	10/20/03	0.26	U	µg/L	0.26
77424	Iodomethane	Grab	N	SW8260	10/20/03	0.38	U	µg/L	0.38
81596	4-Methyl-2-pentanone	Grab	N	SW8260	10/20/03	0.21	U	µg/L	0.21

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
 Qualifier Q Holding times for preparation or analysis exceeded U Not Detected Above the MDL
 Code Key:

Central Cty. Leachate 2nd**PARAMETER MONITORING REPORT**

Ground Water (Rule 62-520.400, .420, .460)

Surface Water (Rule 62-302.500, .510, .503)

Leachate (Rule 62-701.510)

LAB Submission Number: F03100225

Sample Number: F03100225-007



Facility WACS:	4058C02034	Sample Date/Time:	10/7/03 6:00:00 PM
Well/Sampling Point WACS:	Trip Blank	Report Period:	2nd Semiannual 2003
Well/Sampling Point Name:	Trip Blank	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Trip Blank
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34423	Methylene chloride	Grab	N	SW8260	10/20/03	0.37	I	µg/L	0.26
77128	Styrene	Grab	N	SW8260	10/20/03	0.17	U	µg/L	0.17
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	10/20/03	0.11	U	µg/L	0.11
34475	Tetrachloroethene	Grab	N	SW8260	10/20/03	0.11	U	µg/L	0.11
34010	Toluene	Grab	N	SW8260	10/20/03	0.46	I	µg/L	0.10
34506	1,1,1-Trichloroethane	Grab	N	SW8260	10/20/03	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane	Grab	N	SW8260	10/20/03	0.13	U	µg/L	0.13
39180	Trichloroethene	Grab	N	SW8260	10/20/03	0.15	U	µg/L	0.15
34488	Trichlorofluoromethane	Grab	N	SW8260	10/20/03	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane	Grab	N	SW8260	10/20/03	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	10/20/03	0.15	U	µg/L	0.15
39175	Vinyl chloride	Grab	N	SW8260	10/20/03	0.14	U	µg/L	0.14
34020	Xylenes, Total	Grab	N	SW8260	10/20/03	0.29	U	µg/L	0.29

Data
Qualifier
Code Key:* Value exceeds Maximum Contaminant Level
Q Holding times for preparation or analysis exceededI Analyte detected below quantitation limits
U Not Detected Above the MDL

SURFACE WATER FIELD DATA***

LOCATION: CCSWDC

DATE: 10-7-03

COLLECTED BY: T. Foxworthy

SITE ID CLLEA1

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
0821	20.65	7.07					

WEATHER: WARM SUNNY

NOTES: SLIGHT ODOOR SAMPLE 0825 -

SITE ID: CLLEA2

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
0901	21.40	7.21					

WEATHER: WARM SUNNY

NOTES: STRONG ODOOR SAMPLE 0910

- ***SAMPLER -
- 1) FILL ALL FIELD DATA SECTIONS
 - 2) FOR ANY FIELD PARAMETER DENOTED AS "NA", PROVIDE REASON IN NOTES SECTION

SURFACE WATER FIELD DATA***

LOCATION: CCSWDCDATE: 10.7.03COLLECTED BY: T. FoxworthSITE ID: CLLEA 3

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
0952	30.45	7.32		5.16	7.52	1.0	10/10

WEATHER: WARM Sunny Lgt WindNOTES: STRONG odor 10:05 SampleSITE ID: CLLEA 4

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
1010	28.12	7.75		5.13	7.56	1.0	10/10

WEATHER: WARM Sunny Lgt WindNOTES: NO odor 1025. Sample.

***SAMPLER -

- 1) FILL ALL FIELD DATA SECTIONS
- 2) FOR ANY FIELD PARAMETER DENOTED AS "NA", PROVIDE REASON IN NOTES SECTION

SURFACE WATER FIELD DATA ***

LOCATION: CCSWDCDATE: 10.7.03COLLECTED BY: T. FoxworthSITE ID: LEACHATE Pump - TANK

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR / SHEEN
10:43	27.34	6.81					

WEATHER: WARM Sunny WindyNOTES: 10:50 Sample Taken.
STRONG ODOUR.SITE ID: Dup.

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR / SHEEN

WEATHER: _____

NOTES: 10:55

- ***SAMPLER -
- 1) FILL ALL FIELD DATA SECTIONS
 - 2) FOR ANY FIELD PARAMETER DENOTED AS "NA", PROVIDE REASON IN NOTES SECTION

QUALITY
ASSURED

ELAB, Inc.

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-001

Client Sample ID: 100703CCLEAP
Collection Date: 10/7/2003 10:50:00 AM
Sample Description:
Matrix: Leachate



Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO3		SM2320 B		PrepDate:		Analyst: SST	
Alkalinity, Bicarbonate (As CaCO3)	560	5.0		mg/L	1	10/10/2003 2:40:00 PM	R19494
Alkalinity, Carbonate (As CaCO3)	6.2	5.0		mg/L	1	10/10/2003 2:40:00 PM	R19494
Alkalinity, Total (As CaCO3)	570	5.0		mg/L	1	10/10/2003 2:40:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY		E300.0		PrepDate:		Analyst: ACO	
Chloride	110	5.0		mg/L	10	10/13/2003 1:42:00 PM	R19587-A
NITROGEN, AMMONIA		E350.1		PrepDate:		Analyst: SST	
Nitrogen, Ammonia (As N)	57	0.40		mg/L	20	10/8/2003 6:52:00 PM	R19466
NITROGEN, NITRATE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate	0.010	0.010	U	mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.010	0.010	U	mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
Solids, Total Dissolved	870	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Antimony	0.00050	0.0030	I	mg/L	1	10/15/2003	14441
ICP METALS		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
Arsenic	0.019	0.010		mg/L	1	10/10/2003 4:43:00 PM	14444
Barium	0.031	0.010		mg/L	1	10/10/2003 4:43:00 PM	14444
Beryllium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Cadmium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Chromium	0.0084	0.0050		mg/L	1	10/10/2003 4:43:00 PM	14444
Cobalt	0.010	0.010	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Copper	0.0050	0.0050	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Iron	0.80	0.040		mg/L	1	10/10/2003 4:43:00 PM	14444
Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Nickel	0.0051	0.0050		mg/L	1	10/10/2003 4:43:00 PM	14444
Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:43:00 PM	14444
Sodium	100	0.50		mg/L	1	10/10/2003 4:43:00 PM	14444
Vanadium	0.0068	0.010	I	mg/L	1	10/10/2003 4:43:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected at the Reporting Limit



Analytical Report

CLIENT: Sarasota County Lab Order: F03100225 Project: Central Cty. Leachate 2nd Lab ID: F03100225-001	Client Sample ID: 100703CCLEAP Collection Date: 10/7/2003 10:50:00 AM Sample Description: Matrix: Leachate
--	---

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
✓ Zinc	0.0026	0.020	I	mg/L	1	10/10/2003 4:43:00 PM	14444
MERCURY							
		SW7470		PrepDate: 10/13/2003 11:41:00		Analyst: TPE	
✓ Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
✓ Thallium	0.0011	0.0010		mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011		PrepDate: 10/9/2003 4:00:00 P		Analyst: EM	
✓ 1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
✓ Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	105			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
✓ Acetone	20	20	U	µg/L	2	10/20/2003	14753
✓ Acrylonitrile	20	20	U	µg/L	2	10/20/2003	14753
✓ Benzene	3.4	2.0		µg/L	2	10/20/2003	14753
✓ Bromochloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Bromodichloromethane	1.2	1.2	U	µg/L	2	10/20/2003	14753
✓ Bromoform	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Bromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ 2-Butanone	70	20		µg/L	2	10/20/2003	14753
✓ Carbon disulfide	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Carbon tetrachloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Chlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Chloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Chloroform	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Chloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ Dibromochloromethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
✓ Dibromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ trans-1,4-Dichloro-2-butene	20	20	U	µg/L	2	10/20/2003	14753
✓ 1,2-Dichlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ 1,4-Dichlorobenzene	6.3	2.0		µg/L	2	10/20/2003	14753
✓ 1,1-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ 1,2-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ 1,1-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
✓ cis-1,2-Dichloroethene	0.46	2.0	I	µg/L	2	10/20/2003	14753
✓ trans-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County**Client Sample ID:** 100703CCLEAP**Lab Order:** F03100225**Collection Date:** 10/7/2003 10:50:00 AM**Project:** Central Cty. Leachate 2nd**Sample Description:****Lab ID:** F03100225-001**Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 10/20/2003		Analyst: LGO		
/ 1,2-Dichloropropane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ cis-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ trans-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Ethylbenzene	40	2.0		µg/L	2	10/20/2003	14753
/ 2-Hexanone	20	20	U	µg/L	2	10/20/2003	14753
/ Iodomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 4-Methyl-2-pentanone	5.4	20	I	µg/L	2	10/20/2003	14753
/ Methylene chloride	10	10	U	µg/L	2	10/20/2003	14753
/ Styrene	3.2	2.0		µg/L	2	10/20/2003	14753
/ 1,1,1,2-Tetrachloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2,2-Tetrachloroethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Tetrachloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Toluene	8.7	2.0		µg/L	2	10/20/2003	14753
/ 1,1,1-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichlorofluoromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,2,3-Trichloropropane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Vinyl acetate	4.0	4.0	U	µg/L	2	10/20/2003	14753
/ Vinyl chloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Xylenes, Total	2.0	2.0	U	µg/L	2	10/20/2003	14753
Surr: 4-Bromofluorobenzene	112			%REC	2	10/20/2003	14753
Surr: Dibromofluoromethane	97.3			%REC	2	10/20/2003	14753
Surr: Toluene-d8	102			%REC	2	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	100			%REC	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
 Qualifier Q Holding times for preparation or analysis exceeded
 Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County **Client Sample ID:** 100703CCLEA1
Lab Order: F03100225 **Collection Date:** 10/7/2003 8:25:00 AM
Project: Central Cty. Leachate 2nd **Sample Description:**
Lab ID: F03100225-002 **Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO3		SM2320 B		PrepDate:		Analyst: SST	
/ Alkalinity, Bicarbonate (As CaCO3)	910	5.0		mg/L	1	10/10/2003 2:42:00 PM	R19494
Alkalinity, Carbonate (As CaCO3)	3.3	5.0	I	mg/L	1	10/10/2003 2:42:00 PM	R19494
Alkalinity, Total (As CaCO3)	920	5.0		mg/L	1	10/10/2003 2:42:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY		E300.0		PrepDate:		Analyst: ACO	
/ Chloride	150	10		mg/L	20	10/13/2003 1:57:21 PM	R19587-A
NITROGEN, AMMONIA		E350.1		PrepDate:		Analyst: SST	
/ Nitrogen, Ammonia (As N)	76	0.40		mg/L	20	10/8/2003 6:52:00 PM	R19466
NITROGEN, NITRATE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate	0.010	0.010	U	mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.010	0.010	U	mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
Solids, Total Dissolved	1100	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Antimony	0.00055	0.0030	I	mg/L	1	10/15/2003	14441
ICP METALS		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
/ Arsenic	0.013	0.010		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Barium	0.11	0.010		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Beryllium	0.00014	0.0010	I	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Cadmium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Chromium	0.0062	0.0050		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Cobalt	0.010	0.010	U	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Copper	0.00063	0.0050	I	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Iron	0.92	0.040		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Nickel	0.0081	0.0050		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:46:00 PM	14444
/ Sodium	130	0.50		mg/L	1	10/10/2003 4:46:00 PM	14444
/ Vanadium	0.0098	0.010	I	mg/L	1	10/10/2003 4:46:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
 Qualifier Q Holding times for preparation or analysis exceeded
 Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT:	Sarasota County	Client Sample ID:	100703CCLEA1
Lab Order:	F03100225	Collection Date:	10/7/2003 8:25:00 AM
Project:	Central Cty. Leachate 2nd	Sample Description:	
Lab ID:	F03100225-002	Matrix:	Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010		PrepDate: 10/8/2003 10:20:00		Analyst: JCO	
/ Zinc	0.028	0.020		mg/L	1	10/10/2003 4:46:00 PM	14444
MERCURY							
		SW7470		PrepDate: 10/13/2003 11:41:00		Analyst: TPE	
/ Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
/ Thallium	0.00055	0.0010	I	mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011		PrepDate: 10/9/2003 4:00:00 P		Analyst: EM	
1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	99.4			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ Acetone	20	20	U	µg/L	2	10/20/2003	14753
/ Acrylonitrile	20	20	U	µg/L	2	10/20/2003	14753
/ Benzene	4.5	2.0		µg/L	2	10/20/2003	14753
/ Bromochloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Bromodichloromethane	1.2	1.2	U	µg/L	2	10/20/2003	14753
/ Bromoform	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Bromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 2-Butanone	20	20	U	µg/L	2	10/20/2003	14753
/ Carbon disulfide	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Carbon tetrachloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloroform	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Dibromochloromethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Dibromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ trans-1,4-Dichloro-2-butene	20	20	U	µg/L	2	10/20/2003	14753
/ 1,2-Dichlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,4-Dichlorobenzene	13	2.0		µg/L	2	10/20/2003	14753
/ 1,1-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,2-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ cis-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ trans-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County **Client Sample ID:** 100703CCLEA1
Lab Order: F03100225 **Collection Date:** 10/7/2003 8:25:00 AM
Project: Central Cty. Leachate 2nd **Sample Description:**
Lab ID: F03100225-002 **Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ 1,2-Dichloropropane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ cis-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ trans-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Ethylbenzene	9.7	2.0		µg/L	2	10/20/2003	14753
/ 2-Hexanone	20	20	U	µg/L	2	10/20/2003	14753
/ Iodomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 4-Methyl-2-pentanone	20	20	U	µg/L	2	10/20/2003	14753
/ Methylene chloride	10	10	U	µg/L	2	10/20/2003	14753
/ Styrene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,1,2-Tetrachloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2,2-Tetrachloroethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Tetrachloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Toluene	2.0	2.0		µg/L	2	10/20/2003	14753
/ 1,1,1-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichlorofluoromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,2,3-Trichloropropane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Vinyl acetate	4.0	4.0	U	µg/L	2	10/20/2003	14753
/ Vinyl chloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Xylenes, Total	2.0	2.0	U	µg/L	2	10/20/2003	14753
Surr: 4-Bromofluorobenzene	113			%REC	2	10/20/2003	14753
Surr: Dibromofluoromethane	94.7			%REC	2	10/20/2003	14753
Surr: Toluene-d8	98.8			%REC	2	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	96.5			%REC	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier Q Holding times for preparation or analysis exceeded U Not Detected at the Reporting Limit
Code Key:

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County **Client Sample ID:** 100703CCLEA2
Lab Order: F03100225 **Collection Date:** 10/7/2003 9:10:00 AM
Project: Central Cty. Leachate 2nd **Sample Description:**
Lab ID: F03100225-003 **Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO₃		SM2320 B		PrepDate:		Analyst: SST	
/ Alkalinity, Bicarbonate (As CaCO ₃)	1200	5.0		mg/L	1	10/10/2003 2:43:00 PM	R19494
Alkalinity, Carbonate (As CaCO ₃)	15	5.0		mg/L	1	10/10/2003 2:43:00 PM	R19494
Alkalinity, Total (As CaCO ₃)	1200	5.0		mg/L	1	10/10/2003 2:43:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY		E300.0		PrepDate:		Analyst: ACO	
/ Chloride	240	10		mg/L	20	10/13/2003 2:12:43 PM	R19587-A
NITROGEN, AMMONIA		E350.1		PrepDate:		Analyst: SST	
/ Nitrogen, Ammonia (As N)	140	0.40		mg/L	20	10/8/2003 6:52:00 PM	R19466
NITROGEN, NITRATE		E353.2		PrepDate:		Analyst: SUB	
/ Nitrogen, Nitrate	0.010	0.010	U	mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.010	0.010	U	mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
/ Solids, Total Dissolved	1600	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
/ Antimony	0.0030	0.0030	U	mg/L	1	10/15/2003	14441
ICP METALS		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
/ Arsenic	0.029	0.010		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Barium	0.053	0.010		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Beryllium	0.00014	0.0010	I	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Cadmium	0.00028	0.0010	I	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Chromium	0.022	0.0050		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Cobalt	0.0036	0.010	I	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Copper	0.0091	0.0050		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Iron	0.47	0.040		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Nickel	0.013	0.0050		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:49:00 PM	14444
/ Sodium	230	0.50		mg/L	1	10/10/2003 4:49:00 PM	14444
/ Vanadium	0.016	0.010		mg/L	1	10/10/2003 4:49:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit



Analytical Report

CLIENT: Sarasota County Lab Order: F03100225 Project: Central Cty. Leachate 2nd Lab ID: F03100225-003	Client Sample ID: 100703CCLEA2 Collection Date: 10/7/2003 9:10:00 AM Sample Description: Matrix: Leachate
--	--

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
/ Zinc	0.026	0.020		mg/L	1	10/10/2003 4:49:00 PM	14444
MERCURY							
		SW7470		PrepDate: 10/13/2003 11:41:00		Analyst: TPE	
/ Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
/ Thallium	0.0010	0.0010	U	mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011		PrepDate: 10/9/2003 4:00:00 P		Analyst: EM	
/ 1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
/ Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	96.3			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ Acetone	100	100	U	µg/L	10	10/20/2003	14753
/ Acrylonitrile	100	100	U	µg/L	10	10/20/2003	14753
/ Benzene	4.4	10	J*	µg/L	10	10/20/2003	14753
/ Bromochloromethane	10	10	U	µg/L	10	10/20/2003	14753
/ Bromodichloromethane	6.0	6.0	U	µg/L	10	10/20/2003	14753
/ Bromoform	10	10	U	µg/L	10	10/20/2003	14753
/ Bromomethane	10	10	U	µg/L	10	10/20/2003	14753
/ 2-Butanone	240	100		µg/L	10	10/20/2003	14753
/ Carbon disulfide	10	10	U	µg/L	10	10/20/2003	14753
/ Carbon tetrachloride	10	10	U	µg/L	10	10/20/2003	14753
/ Chlorobenzene	10	10	U	µg/L	10	10/20/2003	14753
/ Chloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ Chloroform	10	10	U	µg/L	10	10/20/2003	14753
/ Chloromethane	10	10	U	µg/L	10	10/20/2003	14753
/ Dibromochloromethane	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ Dibromomethane	10	10	U	µg/L	10	10/20/2003	14753
/ trans-1,4-Dichloro-2-butene	100	100	U	µg/L	10	10/20/2003	14753
/ 1,2-Dichlorobenzene	10	10	U	µg/L	10	10/20/2003	14753
/ 1,4-Dichlorobenzene	8.3	10	I	µg/L	10	10/20/2003	14753
/ 1,1-Dichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,2-Dichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,1-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ cis-1,2-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ trans-1,2-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
 Qualifier Q Holding times for preparation or analysis exceeded
 Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-003

Client Sample ID: 100703CCLEA2
Collection Date: 10/7/2003 9:10:00 AM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ 1,2-Dichloropropane	10	10	U	µg/L	10	10/20/2003	14753
/ cis-1,3-Dichloropropene	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ trans-1,3-Dichloropropene	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ Ethylbenzene	50	10		µg/L	10	10/20/2003	14753
/ 2-Hexanone	100	100	U	µg/L	10	10/20/2003	14753
/ Iodomethane	10	10	U	µg/L	10	10/20/2003	14753
/ 4-Methyl-2-pentanone	100	100	U	µg/L	10	10/20/2003	14753
/ Methylene chloride	6.4	50	J*	µg/L	10	10/20/2003	14753
/ Styrene	10	10	U	µg/L	10	10/20/2003	14753
/ 1,1,1,2-Tetrachloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,1,2,2-Tetrachloroethane	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ Tetrachloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ Toluene	17	10		µg/L	10	10/20/2003	14753
/ 1,1,1-Trichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,1,2-Trichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ Trichloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ Trichlorofluoromethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,2,3-Trichloropropane	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ Vinyl acetate	20	20	U	µg/L	10	10/20/2003	14753
/ Vinyl chloride	10	10	U	µg/L	10	10/20/2003	14753
/ Xylenes, Total	10	10	U	µg/L	10	10/20/2003	14753
Surr: 4-Bromofluorobenzene	113			%REC	10	10/20/2003	14753
Surr: Dibromofluoromethane	99.2			%REC	10	10/20/2003	14753
Surr: Toluene-d8	103			%REC	10	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	99.8			%REC	10	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-004

Client Sample ID: 100703CCLEA3
Collection Date: 10/7/2003 10:05:00 AM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO₃		SM2320 B		PrepDate:		Analyst: SST	
Alkalinity, Bicarbonate (As CaCO ₃)	2500	5.0		mg/L	1	10/10/2003 2:45:00 PM	R19494
Alkalinity, Carbonate (As CaCO ₃)	24	5.0		mg/L	1	10/10/2003 2:45:00 PM	R19494
Alkalinity, Total (As CaCO ₃)	2500	5.0		mg/L	1	10/10/2003 2:45:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY		E300.0		PrepDate:		Analyst: ACO	
Chloride	530	25		mg/L	50	10/13/2003 2:28:08 PM	R19587-A
NITROGEN, AMMONIA		E350.1		PrepDate:		Analyst: SST	
Nitrogen, Ammonia (As N)	230	0.40		mg/L	20	10/8/2003 5:32:00 PM	R19387D
NITROGEN, NITRATE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate	0.019	0.010		mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.019	0.010		mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
Solids, Total Dissolved	3400	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Antimony	0.00087	0.0030	I	mg/L	1	10/15/2003	14441
ICP METALS		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
Arsenic	0.048	0.010		mg/L	1	10/10/2003 4:53:00 PM	14444
Barium	0.069	0.010		mg/L	1	10/10/2003 4:53:00 PM	14444
Beryllium	0.00013	0.0010	I	mg/L	1	10/10/2003 4:53:00 PM	14444
Cadmium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:53:00 PM	14444
Chromium	0.026	0.0050		mg/L	1	10/10/2003 4:53:00 PM	14444
Cobalt	0.0039	0.010	I	mg/L	1	10/10/2003 4:53:00 PM	14444
Copper	0.0035	0.0050	I	mg/L	1	10/10/2003 4:53:00 PM	14444
Iron	0.89	0.040		mg/L	1	10/10/2003 4:53:00 PM	14444
Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:53:00 PM	14444
Nickel	0.030	0.0050		mg/L	1	10/10/2003 4:53:00 PM	14444
Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:53:00 PM	14444
Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:53:00 PM	14444
Sodium	410	0.50		mg/L	1	10/10/2003 4:53:00 PM	14444
Vanadium	0.019	0.010		mg/L	1	10/10/2003 4:53:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-004

Client Sample ID: 100703CCLEA3
Collection Date: 10/7/2003 10:05:00 AM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
/ Zinc	0.0052	0.020	I	mg/L	1	10/10/2003 4:53:00 PM	14444
MERCURY							
		SW7470		PrepDate: 10/13/2003 11:41:00		Analyst: TPE	
/ Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
/ Thallium	0.00069	0.0010	I	mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011		PrepDate: 10/9/2003 4:00:00 P		Analyst: EM	
/ 1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
/ Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	94.1			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ Acetone	100	100	U	µg/L	10	10/20/2003	14753
/ Acrylonitrile	100	100	U	µg/L	10	10/20/2003	14753
/ Benzene	7.9	10	J*	µg/L	10	10/20/2003	14753
/ Bromochloromethane	10	10	U	µg/L	10	10/20/2003	14753
/ Bromodichloromethane	6.0	6.0	U	µg/L	10	10/20/2003	14753
/ Bromoform	10	10	U	µg/L	10	10/20/2003	14753
/ Bromomethane	10	10	U	µg/L	10	10/20/2003	14753
/ 2-Butanone	830	100		µg/L	10	10/20/2003	14753
/ Carbon disulfide	10	10	U	µg/L	10	10/20/2003	14753
/ Carbon tetrachloride	10	10	U	µg/L	10	10/20/2003	14753
/ Chlorobenzene	10	10	U	µg/L	10	10/20/2003	14753
/ Chloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ Chloroform	10	10	U	µg/L	10	10/20/2003	14753
/ Chloromethane	10	10	U	µg/L	10	10/20/2003	14753
/ Dibromochloromethane	5.0	5.0	U	µg/L	10	10/20/2003	14753
/ Dibromomethane	10	10	U	µg/L	10	10/20/2003	14753
/ trans-1,4-Dichloro-2-butene	100	100	U	µg/L	10	10/20/2003	14753
/ 1,2-Dichlorobenzene	10	10	U	µg/L	10	10/20/2003	14753
/ 1,4-Dichlorobenzene	5.6	10	I	µg/L	10	10/20/2003	14753
/ 1,1-Dichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,2-Dichloroethane	10	10	U	µg/L	10	10/20/2003	14753
/ 1,1-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ cis-1,2-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753
/ trans-1,2-Dichloroethene	10	10	U	µg/L	10	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-004

Client Sample ID: 100703CCLEA3
Collection Date: 10/7/2003 10:05:00 AM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 10/20/2003		Analyst: LGO		
✓ 1,2-Dichloropropane	10	10	U	µg/L	10	10/20/2003	14753
✓ cis-1,3-Dichloropropene	5.0	5.0	U	µg/L	10	10/20/2003	14753
✓ trans-1,3-Dichloropropene	5.0	5.0	U	µg/L	10	10/20/2003	14753
✓ Ethylbenzene	50	10		µg/L	10	10/20/2003	14753
✓ 2-Hexanone	100	100	U	µg/L	10	10/20/2003	14753
✓ Iodomethane	10	10	U	µg/L	10	10/20/2003	14753
✓ 4-Methyl-2-pentanone	21	100	I	µg/L	10	10/20/2003	14753
✓ Methylene chloride	50	50	U	µg/L	10	10/20/2003	14753
✓ Styrene	16	10		µg/L	10	10/20/2003	14753
✓ 1,1,1,2-Tetrachloroethane	10	10	U	µg/L	10	10/20/2003	14753
✓ 1,1,2,2-Tetrachloroethane	5.0	5.0	U	µg/L	10	10/20/2003	14753
✓ Tetrachloroethene	10	10	U	µg/L	10	10/20/2003	14753
✓ Toluene	40	10		µg/L	10	10/20/2003	14753
✓ 1,1,1-Trichloroethane	10	10	U	µg/L	10	10/20/2003	14753
✓ 1,1,2-Trichloroethane	10	10	U	µg/L	10	10/20/2003	14753
✓ Trichloroethene	10	10	U	µg/L	10	10/20/2003	14753
✓ Trichlorofluoromethane	10	10	U	µg/L	10	10/20/2003	14753
✓ 1,2,3-Trichloropropane	5.0	5.0	U	µg/L	10	10/20/2003	14753
✓ Vinyl acetate	20	20	U	µg/L	10	10/20/2003	14753
✓ Vinyl chloride	10	10	U	µg/L	10	10/20/2003	14753
✓ Xylenes, Total	10	10	U	µg/L	10	10/20/2003	14753
Surr: 4-Bromofluorobenzene	117			%REC	10	10/20/2003	14753
Surr: Dibromofluoromethane	101			%REC	10	10/20/2003	14753
Surr: Toluene-d8	105			%REC	10	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	99.4			%REC	10	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier Q Holding times for preparation or analysis exceeded U Not Detected at the Reporting Limit
Code Key:

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report**CLIENT:** Sarasota County**Client Sample ID:** 100703CCLEA4**Lab Order:** F03100225**Collection Date:** 10/7/2003 10:25:00 AM**Project:** Central Cty. Leachate 2nd**Sample Description:****Lab ID:** F03100225-005**Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO₃		SM2320 B		PrepDate:		Analyst: SST	
Alkalinity, Bicarbonate (As CaCO ₃)	730	5.0		mg/L	1	10/10/2003 2:47:00 PM	R19494
Alkalinity, Carbonate (As CaCO ₃)	2.2	5.0	I	mg/L	1	10/10/2003 2:47:00 PM	R19494
Alkalinity, Total (As CaCO ₃)	730	5.0		mg/L	1	10/10/2003 2:47:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY		E300.0		PrepDate:		Analyst: ACO	
Chloride	160	10		mg/L	20	10/13/2003 2:43:31 PM	R19587-A
NITROGEN, AMMONIA		E350.1		PrepDate:		Analyst: SST	
Nitrogen, Ammonia (As N)	59	0.40		mg/L	20	10/8/2003 5:35:00 PM	R19387D
NITROGEN, NITRATE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate	0.030	0.010		mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.030	0.010		mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
Solids, Total Dissolved	1100	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Antimony	0.0018	0.0030	I	mg/L	1	10/15/2003	14441
ICP METALS		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
Arsenic	0.028	0.010		mg/L	1	10/10/2003 4:56:00 PM	14444
Barium	0.038	0.010		mg/L	1	10/10/2003 4:56:00 PM	14444
Beryllium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Cadmium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Chromium	0.0089	0.0050		mg/L	1	10/10/2003 4:56:00 PM	14444
Cobalt	0.010	0.010	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Copper	0.0022	0.0050	I	mg/L	1	10/10/2003 4:56:00 PM	14444
Iron	0.59	0.040		mg/L	1	10/10/2003 4:56:00 PM	14444
Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Nickel	0.012	0.0050		mg/L	1	10/10/2003 4:56:00 PM	14444
Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:56:00 PM	14444
Sodium	130	0.50		mg/L	1	10/10/2003 4:56:00 PM	14444
Vanadium	0.0064	0.010	I	mg/L	1	10/10/2003 4:56:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit



Analytical Report

CLIENT: Sarasota County Lab Order: F03100225 Project: Central Cty. Leachate 2nd Lab ID: F03100225-005	Client Sample ID: 100703CCLEA4 Collection Date: 10/7/2003 10:25:00 AM Sample Description: Matrix: Leachate
--	---

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010				PrepDate: 10/9/2003 10:20:00	Analyst: JCO
/ Zinc	0.0072	0.020	I	mg/L	1	10/10/2003 4:56:00 PM	14444
MERCURY							
		SW7470				PrepDate: 10/13/2003 11:41:00	Analyst: TPE
/ Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841				PrepDate: 10/9/2003 9:52:00 A	Analyst: JCO
/ Thallium	0.0010	0.0010		mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011				PrepDate: 10/9/2003 4:00:00 P	Analyst: EM
/ 1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
/ Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	97.8			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260				PrepDate: 10/20/2003	Analyst: LGO
/ Acetone	20	20	U	µg/L	2	10/20/2003	14753
/ Acrylonitrile	20	20	U	µg/L	2	10/20/2003	14753
/ Benzene	1.7	2.0	J*	µg/L	2	10/20/2003	14753
/ Bromochloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Bromodichloromethane	1.2	1.2	U	µg/L	2	10/20/2003	14753
/ Bromoform	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Bromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 2-Butanone	28	20		µg/L	2	10/20/2003	14753
/ Carbon disulfide	13	2.0		µg/L	2	10/20/2003	14753
/ Carbon tetrachloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloroform	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Chloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Dibromochloromethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Dibromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ trans-1,4-Dichloro-2-butene	20	20	U	µg/L	2	10/20/2003	14753
/ 1,2-Dichlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,4-Dichlorobenzene	2.5	2.0		µg/L	2	10/20/2003	14753
/ 1,1-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,2-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ cis-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ trans-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753

Data	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Qualifier	Q	Holding times for preparation or analysis exceeded	U	Not Detected at the Reporting Limit
Code Key:				

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County**Client Sample ID:** 100703CCLEA4**Lab Order:** F03100225**Collection Date:** 10/7/2003 10:25:00 AM**Project:** Central Cty. Leachate 2nd**Sample Description:****Lab ID:** F03100225-005**Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
/ 1,2-Dichloropropane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ cis-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ trans-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Ethylbenzene	14	2.0		µg/L	2	10/20/2003	14753
/ 2-Hexanone	20	20	U	µg/L	2	10/20/2003	14753
/ Iodomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 4-Methyl-2-pentanone	20	20	U	µg/L	2	10/20/2003	14753
/ Methylene chloride	0.76	10	I	µg/L	2	10/20/2003	14753
/ Styrene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,1,2-Tetrachloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2,2-Tetrachloroethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Tetrachloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Toluene	27	2.0		µg/L	2	10/20/2003	14753
/ 1,1,1-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,1,2-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Trichlorofluoromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ 1,2,3-Trichloropropane	1.0	1.0	U	µg/L	2	10/20/2003	14753
/ Vinyl acetate	4.0	4.0	U	µg/L	2	10/20/2003	14753
/ Vinyl chloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
/ Xylenes, Total	2.0	2.0	U	µg/L	2	10/20/2003	14753
Surr: 4-Bromofluorobenzene	125			%REC	2	10/20/2003	14753
Surr: Dibromofluoromethane	105			%REC	2	10/20/2003	14753
Surr: Toluene-d8	101			%REC	2	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	109			%REC	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
U Not Detected at the Reporting Limit



Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-006

Client Sample ID: 100703CCLEAD
Collection Date: 10/7/2003 6:00:00 PM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ALKALINITY AS CaCO₃							
		SM2320 B		PrepDate:		Analyst: SST	
Alkalinity, Bicarbonate (As CaCO ₃)	190	5.0		mg/L	1	10/10/2003 2:49:00 PM	R19494
Alkalinity, Carbonate (As CaCO ₃)	5.0	5.0	U	mg/L	1	10/10/2003 2:49:00 PM	R19494
Alkalinity, Total (As CaCO ₃)	190	5.0		mg/L	1	10/10/2003 2:49:00 PM	R19494
ANIONS BY ION CHROMATOGRAPHY							
		E300.0		PrepDate:		Analyst: ACO	
Chloride	39	0.50		mg/L	1	10/13/2003 2:58:56 PM	R19587-A
NITROGEN, AMMONIA							
		E350.1		PrepDate:		Analyst: SST	
Nitrogen, Ammonia (As N)	22	0.40		mg/L	20	10/8/2003 5:38:00 PM	R19387D
NITROGEN, NITRATE							
		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate	0.010	0.010	U	mg/L	1	10/8/2003	R19624
NITROGEN, NITRATE-NITRITE							
		E353.2		PrepDate:		Analyst: SUB	
Nitrogen, Nitrate-Nitrite	0.010	0.010	U	mg/L	1	10/7/2003	R19624
NITROGEN, NITRITE (SUBCONTRACT)							
		SM4500-NO2 B		PrepDate:		Analyst: SUB	
Nitrogen, Nitrite	0.010	0.010	U	mg/L	1	10/8/2003	R19915
SOLIDS, TOTAL DISSOLVED							
		E160.1		PrepDate: 10/9/2003		Analyst: MMA	
Solids, Total Dissolved	420	5.0		mg/L	1	10/9/2003	14449
ANTIMONY BY GFAA							
		SW7041		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Antimony	0.00054	0.0030	I	mg/L	1	10/15/2003	14441
ICP METALS							
		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
Arsenic	0.017	0.010		mg/L	1	10/10/2003 4:59:00 PM	14444
Barium	0.019	0.010		mg/L	1	10/10/2003 4:59:00 PM	14444
Beryllium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Cadmium	0.0010	0.0010	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Chromium	0.0026	0.0050	I	mg/L	1	10/10/2003 4:59:00 PM	14444
Cobalt	0.010	0.010	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Copper	0.0050	0.0050	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Iron	2.0	0.040		mg/L	1	10/10/2003 4:59:00 PM	14444
Lead	0.0050	0.0050	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Nickel	0.0034	0.0050	I	mg/L	1	10/10/2003 4:59:00 PM	14444
Selenium	0.010	0.010	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Silver	0.0050	0.0050	U	mg/L	1	10/10/2003 4:59:00 PM	14444
Sodium	38	0.50		mg/L	1	10/10/2003 4:59:00 PM	14444
Vanadium	0.0022	0.010	I	mg/L	1	10/10/2003 4:59:00 PM	14444

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County **Client Sample ID:** 100703CCLEAD
Lab Order: F03100225 **Collection Date:** 10/7/2003 6:00:00 PM
Project: Central Cty. Leachate 2nd **Sample Description:**
Lab ID: F03100225-006 **Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
ICP METALS							
		SW6010		PrepDate: 10/9/2003 10:20:00		Analyst: JCO	
Zinc	0.0063	0.020	I	mg/L	1	10/10/2003 4:59:00 PM	14444
MERCURY							
		SW7470		PrepDate: 10/13/2003 11:41:00		Analyst: TPE	
Mercury	0.00020	0.00020	U	mg/L	1	10/14/2003	14559
THALLIUM BY GFAA							
		SW7841		PrepDate: 10/9/2003 9:52:00 A		Analyst: JCO	
Thallium	0.00059	0.0010	I	mg/L	1	10/17/2003	14441
8011: EDB AND DBCP							
		SW8011		PrepDate: 10/9/2003 4:00:00 P		Analyst: EM	
1,2-Dibromo-3-chloropropane	0.020	0.020	U	µg/L	1	10/9/2003	14455
Ethylene Dibromide	0.010	0.010	U	µg/L	1	10/9/2003	14455
Surr: 4-Bromofluorobenzene	95.3			%REC	1	10/9/2003	14455
8260: VOLATILE ORGANIC COMPOUNDS							
		SW8260		PrepDate: 10/22/2003		Analyst: LGO	
Acetone	260	200	Q	µg/L	20	10/23/2003	14789
Acrylonitrile	20	20	U	µg/L	2	10/20/2003	14753
Benzene	3.6	2.0		µg/L	2	10/20/2003	14753
Bromochloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
Bromodichloromethane	1.2	1.2	U	µg/L	2	10/20/2003	14753
Bromoform	2.0	2.0	U	µg/L	2	10/20/2003	14753
Bromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
2-Butanone	440	200	Q	µg/L	20	10/23/2003	14789
Carbon disulfide	2.0	2.0	U	µg/L	2	10/20/2003	14753
Carbon tetrachloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
Chlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
Chloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
Chloroform	2.0	2.0	U	µg/L	2	10/20/2003	14753
Chloromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
Dibromochloromethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
Dibromomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
trans-1,4-Dichloro-2-butene	20	20	U	µg/L	2	10/20/2003	14753
1,2-Dichlorobenzene	2.0	2.0	U	µg/L	2	10/20/2003	14753
1,4-Dichlorobenzene	3.8	2.0		µg/L	2	10/20/2003	14753
1,1-Dichloroethane	1.0	2.0	I	µg/L	2	10/20/2003	14753
1,2-Dichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
1,1-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
cis-1,2-Dichloroethene	1.5	2.0	I	µg/L	2	10/20/2003	14753
trans-1,2-Dichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level
Qualifier Q Holding times for preparation or analysis exceeded
Code Key:

I Analyte detected below quantitation limits
 U Not Detected at the Reporting Limit

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County
Lab Order: F03100225
Project: Central Cty. Leachate 2nd
Lab ID: F03100225-006

Client Sample ID: 100703CCLEAD
Collection Date: 10/7/2003 6:00:00 PM
Sample Description:
Matrix: Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 10/22/2003		Analyst: LGO		
1,2-Dichloropropane	2.0	2.0	U	µg/L	2	10/20/2003	14753
cis-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
trans-1,3-Dichloropropene	1.0	1.0	U	µg/L	2	10/20/2003	14753
Ethylbenzene	25	2.0		µg/L	2	10/20/2003	14753
2-Hexanone	20	20	U	µg/L	2	10/20/2003	14753
Iodomethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
4-Methyl-2-pentanone	21	20		µg/L	2	10/20/2003	14753
Methylene chloride	10	10	U	µg/L	2	10/20/2003	14753
Styrene	3.7	2.0		µg/L	2	10/20/2003	14753
1,1,1,2-Tetrachloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
1,1,2,2-Tetrachloroethane	1.0	1.0	U	µg/L	2	10/20/2003	14753
Tetrachloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
Toluene	27	2.0		µg/L	2	10/20/2003	14753
1,1,1-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
1,1,2-Trichloroethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
Trichloroethene	2.0	2.0	U	µg/L	2	10/20/2003	14753
Trichlorofluoromethane	2.0	2.0	U	µg/L	2	10/20/2003	14753
1,2,3-Trichloropropane	1.0	1.0	U	µg/L	2	10/20/2003	14753
Vinyl acetate	4.0	4.0	U	µg/L	2	10/20/2003	14753
Vinyl chloride	2.0	2.0	U	µg/L	2	10/20/2003	14753
Xylenes, Total	2.0	2.0	U	µg/L	2	10/20/2003	14753
Surr: 4-Bromofluorobenzene	117			%REC	2	10/20/2003	14753
Surr: 4-Bromofluorobenzene	100		Q	%REC	20	10/23/2003	14789
Surr: Dibromofluoromethane	101			%REC	2	10/20/2003	14753
Surr: Dibromofluoromethane	99.0		Q	%REC	20	10/23/2003	14789
Surr: Toluene-d8	99.2			%REC	2	10/20/2003	14753
Surr: Toluene-d8	98.0		Q	%REC	20	10/23/2003	14789
Surr: 1,2-Dichloroethane-d4	98.0		Q	%REC	20	10/23/2003	14789
Surr: 1,2-Dichloroethane-d4	105			%REC	2	10/20/2003	14753

Data	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Qualifier	Q	Holding times for preparation or analysis exceeded	U	Not Detected at the Reporting Limit
Code Key:				

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County**Client Sample ID:** Trip Blank**Lab Order:** F03100225**Collection Date:** 10/7/2003 6:00:00 PM**Project:** Central Cty. Leachate 2nd**Sample Description:****Lab ID:** F03100225-007**Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
Acetone	13	10		µg/L	1	10/20/2003	14753
Acrylonitrile	10	10	U	µg/L	1	10/20/2003	14753
Benzene	1.0	1.0	U	µg/L	1	10/20/2003	14753
Bromochloromethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
Bromodichloromethane	0.60	0.60	U	µg/L	1	10/20/2003	14753
Bromoform	1.0	1.0	U	µg/L	1	10/20/2003	14753
Bromomethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
2-Butanone	10	10	U	µg/L	1	10/20/2003	14753
Carbon disulfide	1.0	1.0	U	µg/L	1	10/20/2003	14753
Carbon tetrachloride	1.0	1.0	U	µg/L	1	10/20/2003	14753
Chlorobenzene	1.0	1.0	U	µg/L	1	10/20/2003	14753
Chloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
Chloroform	1.0	1.0	U	µg/L	1	10/20/2003	14753
Chloromethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
Dibromochloromethane	0.50	0.50	U	µg/L	1	10/20/2003	14753
Dibromomethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
trans-1,4-Dichloro-2-butene	10	10	U	µg/L	1	10/20/2003	14753
1,2-Dichlorobenzene	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,4-Dichlorobenzene	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,1-Dichloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,2-Dichloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,1-Dichloroethene	1.0	1.0	U	µg/L	1	10/20/2003	14753
cis-1,2-Dichloroethene	1.0	1.0	U	µg/L	1	10/20/2003	14753
trans-1,2-Dichloroethene	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,2-Dichloropropane	1.0	1.0	U	µg/L	1	10/20/2003	14753
cis-1,3-Dichloropropene	0.50	0.50	U	µg/L	1	10/20/2003	14753
trans-1,3-Dichloropropene	0.50	0.50	U	µg/L	1	10/20/2003	14753
Ethylbenzene	1.0	1.0	U	µg/L	1	10/20/2003	14753
2-Hexanone	10	10	U	µg/L	1	10/20/2003	14753
Iodomethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
4-Methyl-2-pentanone	10	10	U	µg/L	1	10/20/2003	14753
Methylene chloride	0.37	5.0	I	µg/L	1	10/20/2003	14753
Styrene	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,1,1,2-Tetrachloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,1,2,2-Tetrachloroethane	0.50	0.50	U	µg/L	1	10/20/2003	14753
Tetrachloroethene	1.0	1.0	U	µg/L	1	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level

I Analyte detected below quantitation limits

Qualifier Q Holding times for preparation or analysis exceeded

U Not Detected at the Reporting Limit

Code Key:

**ELAB, Inc.**

8 East Tower Cr., Ormond Beach, FL 32174-8759

Date: 28-Oct-03

Analytical Report

CLIENT: Sarasota County **Client Sample ID:** Trip Blank
Lab Order: F03100225 **Collection Date:** 10/7/2003 6:00:00 PM
Project: Central Cty. Leachate 2nd **Sample Description:**
Lab ID: F03100225-007 **Matrix:** Leachate

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260		PrepDate: 10/20/2003		Analyst: LGO	
Toluene	0.46	1.0	I	µg/L	1	10/20/2003	14753
1,1,1-Trichloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,1,2-Trichloroethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
Trichloroethene	1.0	1.0	U	µg/L	1	10/20/2003	14753
Trichlorofluoromethane	1.0	1.0	U	µg/L	1	10/20/2003	14753
1,2,3-Trichloropropane	0.50	0.50	U	µg/L	1	10/20/2003	14753
Vinyl acetate	2.0	2.0	U	µg/L	1	10/20/2003	14753
Vinyl chloride	1.0	1.0	U	µg/L	1	10/20/2003	14753
Xylenes, Total	1.0	1.0	U	µg/L	1	10/20/2003	14753
Surr: 4-Bromofluorobenzene	121			%REC	1	10/20/2003	14753
Surr: Dibromofluoromethane	103			%REC	1	10/20/2003	14753
Surr: Toluene-d8	102			%REC	1	10/20/2003	14753
Surr: 1,2-Dichloroethane-d4	104			%REC	1	10/20/2003	14753

Data * Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits
Qualifier Q Holding times for preparation or analysis exceeded U Not Detected at the Reporting Limit
Code Key:

BENCHMARK

EnviroAnalytical, Inc.

NELAC CERTIFICATION #E84167



ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

Submission Number 3100191

Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174

Project Name: CENTRAL COUNTY LEACHATE

Date Received: 10/07/2003

Time Received: 1346

Attn: Jamie Rexroat

F03100225

Submission Number 3100191

Sample Number: 1

Sample Description: C C Lea P

Sample Date: 10/07/2003

Sample Method: Grab

Sample Time: 1050

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

Submission Number 3100191

Sample Number: 2

Sample Description: C C Lea 1

Sample Date: 10/07/2003

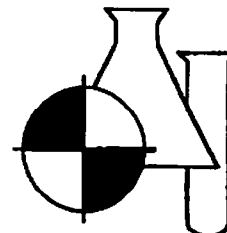
Sample Method: Grab

Sample Time: 0825

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #EM167

Submission Number 3100191

Sample Number: 3 **Sample Description:** C C Lea 2
Sample Date: 10/07/2003 **Sample Method:** Grab
Sample Time: 0910

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

Submission Number 3100191

Sample Number: 4 **Sample Description:** C C Lea 3
Sample Date: 10/07/2003 **Sample Method:** Grab
Sample Time: 1005

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.019	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.019	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

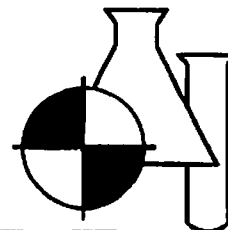
Submission Number 3100191

Sample Number: 5 **Sample Description:** C C Lea 4
Sample Date: 10/07/2003 **Sample Method:** Grab
Sample Time: 1025

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.03	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.03	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #684167

Submission Number 3100191

Sample Number: 6

Sample Description: C C Lea D

Sample Date: 10/07/2003

Sample Method: Grab

Sample Time: n/a

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	10/08/2003		TDT/KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	10/07/2003		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	10/08/2003		KJG

10/09/2003

Dale D. Dixon / Laboratory Director

Date

IF DATA QUALIFIERS ARE USED FOR THE RESULTS THEN THE FOLLOWING MAY APPLY

C = Confluent growth, actual count may be higher

I1 = Insufficient # of Standards for # of samples

I2 = Insufficient # of Duplicates for # of samples

J1 = Est. value surrogate recovery limits exceeded

J2 = Est. value no quality control criteria exists for component

J3 = Est. value quality control criteria for precision not met

J4 = Est value quality control criteria for accuracy not met

J5 = Est value quality control criteria for matrix spike not met

J6 = Sample matrix interference suspected.

J7 = CBOD accuracy standard does not meet method qc criteria, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.

J8 = Est. value. Quality control criteria for lab rep not met.

K = Value is known to be < the value reported

L = Value is known to be > the value reported

M = MIBK extraction prior to analysis

N = Analyte not certified by NELAC

O = Re-sampled under 3080331.

Q = Analyzed outside accepted hold time. Resampled under 3080883 (8/27/03).

R = Verified through re-analysis.

S = SOUR calculations based on total solids

U = Analyte not detected at the value indicated

V = Analyte detected in sample and method blank

Z = Procedure does not meet NELAC standards



Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(904)672-5668 • FAX (904)673-4001

CHAIN OF CUSTODY RECORD

No. E **67189**

Page ____ of ____

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: _____

Temp. of Contents: 4°C °C (or Received on Ice, ROI)

Condition of Seals: _____

FOR LAB USE ONLY

Submission No.

E03100225

1. Client: (Company or Individual)

Address:

1301 Callahan Rd bly E

Phone:

941 861-6665

City:

Sarasota

State:

FL

Zip Code:

34232

Fax:

() 861-6665

2. Report to: (if different from above)

Address:

Phone:

()

City:

State:

Zip Code:

Fax:

()

3. Client Project Name:

Water Sample Codes (for Item 13)

Container Codes (for Item 16)

DW = Drinking Water

V = VOA vial

GW = Ground Water

G = glass

SW = Surface Water

P = plastic

PW = Processed Water

M = micro bag/cup

WW = Waste Water

O = other

14.

Preservatives

H

C

N

B

C

15.

Containers

V

V

P

P

P

16.

Containers

V

V

P

P

P

17.

Analyses Requested

560 APPZ

5011 FDB APPZ

961 Hg, Na

to determine

TD5, Cl, Sulf

18. Report Type:

☐ Routine

☐ Standard QC

☐ Datapackage

19. Turnaround Time

☒ Standard

Rush: 1 / 1

Preservative Codes (for Item 15)

C = Cool Only
H = Hydrochloric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

9. Sample ID or No.

10. Sample Description

11.

Date

12.

Time

13.

Comp.

Grab

Water

(Codes)

Air

Soil

Sludge

Other

No. of Containers

Analyses Requested

560 APPZ

5011 FDB APPZ

961 Hg, Na

to determine

TD5, Cl, Sulf

20. REMARK

LAB USE ONLY
LAB SAMPLE NO.

21. RELINQUISHED BY

DATE

TIME

22. RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

Sampling Fee: _____ Hrs.

Equipment Rental Fee: _____

Profile No.:

Quote No.:

Empty Henry Canard

8/19/03

1:17pm

Larry J. Dwyer

8/30/03

12:00

Larry J. Dwyer

10/7/03

11:46

[Signature]

10/7/03

11:46

[Signature]

10/7/03

13:12

[Signature]

10/7

13:12

[Signature]

10/7

13:46

[Signature]

10/7/03

13:46

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter

Revised: 1/99

Ch. Brader

10/8/03 10:25

Instructions for Elab, Inc. d/b/a Envirolab Chain of Custody Record

This record is used for documenting important information of the samples submitted to Elab. Please follow the instructions for each field of the record.

1. Fill in your company name, person of contact, address, phone and fax numbers to be used for the submission of report and invoice.
2. Provide the information of report recipient if different than your company.
3. The project name will appear on the final report to identify the project for which the samples were collected.
4. Project number, if any, will appear on the final report.
5. Fill in the purchase order number for invoicing purposes.
6. Fill in custody seal number, if any, applied on the cooler containing the samples recorded on this record.
7. Signature of the person who collected the samples.
8. Indicate the method of shipping the samples to our laboratory in Ormond Beach, Florida. Examples: Fed-Ex, UPS, US Postal Service, etc.
9. Sample identifications or numbers shall match those on the labels of sample containers. Please clearly fill in the identifications which will appear on the final report. Examples: MW No. 5, No. 1-101, B-1 4-6", etc.
10. The description is optional. It will appear on the final report. The information will help describe the samples collected. Examples: Filtered ground water, NW discharge water outfall, Sandy clay boring, etc.
11. Fill in the date and time the sample was collected. Please use the 24 hour time scale to avoid confusion.
12. Sample collection methods. Please use an X in the appropriate box.
 - Comp - Composite sample either by mixing with equal volumes or time composite. If laboratory composite requested, please indicate in the Remark Section. (20)
 - Grab - Collected without compositing.
13. Types of samples or matrices. If the sample is aqueous, please use the water sample type codes above this section. The codes are important for methods and detection limits selection. Please use an X in the appropriate box for other matrix (soil, sludge, or other).
14. Fill in the TOTAL number of containers submitted for each particular sample.
15. Use the preservative codes on the right to indicate the preservative used in the containers for each of the analyses.
16. Please indicate the type of container, using the container type codes on the left, for the analyses specified in Section 17. For accurate and reliable results, some analyses require special containers and preservations. If you have questions, please call our lab.
17. Fill in the analyses (tests) requested. Please use the proper method numbers and names. Use one field for one type of analysis. Grouping of analytes is acceptable if they can be analyzed on the sample contained in the same container with the same preservative. (See Section 16). It is important to let us know the correct analyses you wish to have performed. If you have questions, please call our lab. Examples: EPA 8270 B/N/A Extractables, Metals (As, Se, Hg), Chloride, BOD, etc.
18. Elab can provide you with various types of analytical reports. Routine report format is used for sample results only and contains no quality control data. Quality control data will be provided upon request in advance. Additional charges may apply.
19. Our standard turnaround time is ten (10) working days from the receipt of samples. For RUSH services, please fill in the date on which the report is needed. However, all rush services must be pre-arranged with our project managers and surcharges are applied.
20. Use this section for any remarks on samples.
21. Signature of the person who releases the custody of the samples. Date and time when the samples changed hands are required.
22. Signature of the person who accepts the samples. When the samples arrive at Elab, our staff will sign the properly completed Chain-of-Custody as the final sample receiver.