



**SARASOTA COUNTY**

*"Dedicated to Quality Service"*

JRM  
12/2006

## **FACSIMILE**

To: Simona  
Affiliation: FDEP  
Phone: 744- 6100 ext 382  
Fax: (813) 744-6125

From: Don Shaulis

Sarasota County ESBC/SWO

Number of pages including this cover page: 5

*If all pages are not received, call the phone number at the bottom of this page.*

Hope this is what you need and I am sorry that I forgot to send the field data.

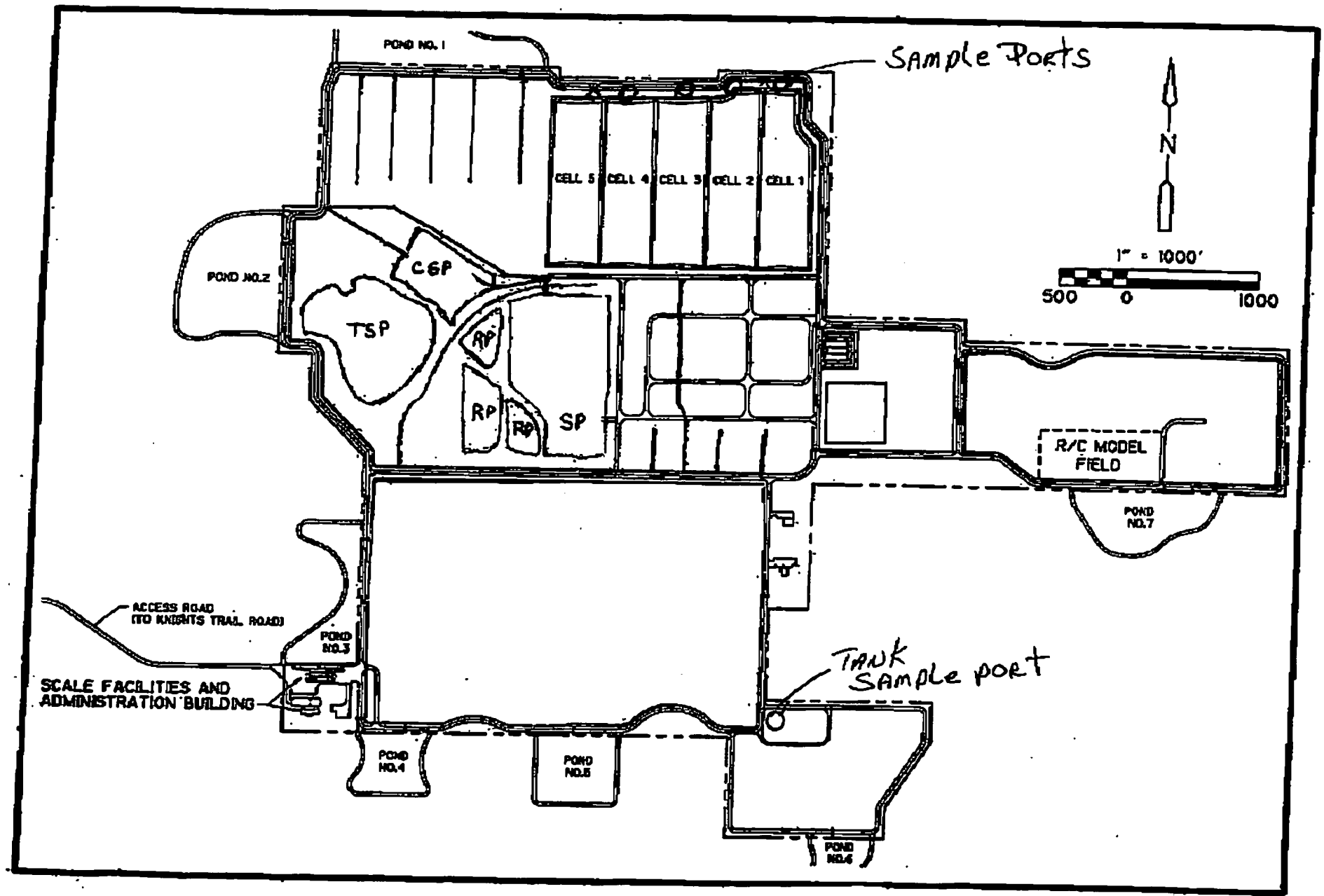


Figure No. 1  
Sarasota County  
Central County Solid Waste Disposal Complex  
Facility Site Plan

SURFACE WATER FIELD DATA\*\*\*

LOCATION: CCSWOC

DATE: 3-24-04

COLLECTED BY: T. Forworthy

SITE ID: CELL 1 LEACHATE  $\mu\text{m}/\text{nos}/\text{cm}$   $\text{mg}/\text{L}$   
4.85 0.53

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

WEATHER: Windy COOL SUNNY

NOTES: 08:25 SAMPLE TAKEN

SITE ID: CELL 2 LEACHATE

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

WEATHER: WINDY COOL SUNNY

NOTES: 0920 SAMPLE TAKEN

\*\*\*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: 3-24-04COLLECTED BY: T. FoxworthSITE ID: CELL 3 Leachate

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
10:45	51.56	7.48		10.07	5.56	5	cloudy/yellow

WEATHER: SUNNY COOL WINDYNOTES: 1100 Sample TAKENSITE ID: CELL 4 Leachate

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
11:40	32.70	7.30		5.79	.45	15	cloudy/yellow

WEATHER: SUNNY WARM WINDYNOTES: 1150 Sample TAKEN

\*\*\*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: CCSWDC

DATE: 3-24-04

COLLECTED BY: \_\_\_\_\_

SITE ID: Leachate Tank Pump.

TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN
				7.36	.20		

WEATHER: WARM WINDY CLOUDY

NOTES: 12:40 Sample Taken

SITE ID: \_\_\_\_\_

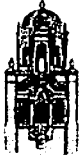
TIME	TEMP	pH	COND.	CORR.COND.	DO	TURB.	COLOR/SHEEN

WEATHER: \_\_\_\_\_

NOTES: \_\_\_\_\_

\*\*\*SAMPLER -

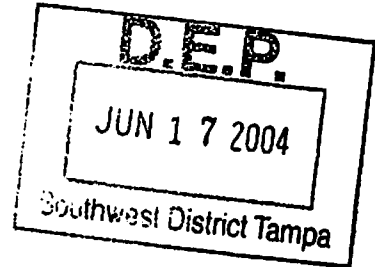
- 1) **FILL ALL FIELD DATA SECTIONS**
- 2) **FOR ANY FIELD PARAMETER DENOTED AS "NA", PROVIDE REASON IN NOTES SECTION**



**SARASOTA COUNTY**  
"Dedicated to Quality Service"

GW  
SW  
LEACH

188444



June 16, 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 January 1, 2004 through June 30, 2004. The samples were analyzed in accordance with Specific Condition No. 34 for the field and laboratory parameters listed and 40 CFR 258 Appendix II 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. Surface water stations 2, 6 and 7 were dry and could not be sampled. 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

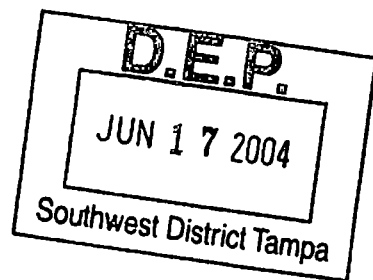
C: Susan J. Pelz, P.E., FDEP (w/o enclosures)

I:\projects\Central County Solid Waste Disposal Complex\Groundwater\21-4 reports\Morris - gw semi-annual - 1st 04.doc



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

FACILITY: Central County Solid waste Disposal  
PROJECT: Annual leachate  
DATE SAMPLED: 03/24/04  
DATE REVIEWED: 5/17/04  
REVIEW CRITERIA: 40 CFR 261  
QAO: Cesar A. Rodriguez *[Signature]* 5/17



COMMENTS: All data is complete  
See Case narratives.  
data spreadsheet attached.  
DEP forms attached  
QA report attached  
Chain of Custody is attached

There were no exceedances found, those marked on the report are flagged incorrectly

The following irregularities were found:  
Method 8141 for all, famphur LCS and LCSD recovery failed biased high, but passed MBLK and was non-detect in sample.  
Method 8270 4 Nitrophenol LCS recovery failed biased low and was non-detect in sample  
Antimony MS/MSD recovery failed biased low, but passed MBLK, LCS and MS  
For leachate 4, the trip blank had a hit on toluene, but did not cause enough interference in the sample to be considered a problem.

CCSWD Annual Pump Leach

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: F04030699

Sample Number: F04030699-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump, <i>TANK</i>	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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
<b>INORGANICS</b>									
00403	pH	Grab	N	E150.1	3/24/2004	7.34	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	3/25/2004	3200		mg/L	1.2
00940	Chloride	Grab	N	E300.0	3/30/2004	700		mg/L	1.8
00945	Sulfate	Grab	N	E300.0	3/30/2004	23	I	mg/L	2.6
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	3/26/2004	0.20	U	mg/L	0.20
00620	Nitrogen, Nitrate	Grab	N	E353.2	3/25/2004	0.010	U	mg/L	0.010
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	3/29/2004	0.010	U	mg/L	0.010
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	2800		mg/L	0.16
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	0.16	U	mg/L	0.16
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	3/30/2004	2800		mg/L	0.16
00720	Cyanide	Grab	N	SW9012	4/2/2004	0.0070	I	mg/L	0.0027
00745	Sulfide	Grab	N	SW9034	3/25/2004	13		mg/L	1.6
<b>METALS</b>									
01002	Arsenic	Grab	N	SW6010	3/26/2004	65		µg/L	2.0
01007	Barium	Grab	N	SW6010	3/26/2004	85		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	3/26/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	3/26/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	3/26/2004	78		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	3/26/2004	17		µg/L	1.5
01042	Copper	Grab	N	SW6010	3/26/2004	0.74	I	µg/L	0.58
01045	Iron	Grab	N	SW6010	3/26/2004	490		µg/L	13
01051	Lead	Grab	N	SW6010	3/26/2004	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	3/26/2004	39		µg/L	2.0
01147	Selenium	Grab	N	SW6010	3/26/2004	4.0	I	µg/L	4.0
01077	Silver	Grab	N	SW6010	3/26/2004	1.7	I	µg/L	1.4
00929	Sodium	Grab	N	SW6010	3/29/2004	700000		µg/L	460
01102	Tin	Grab	N	SW6010	3/26/2004	2.7	U	µg/L	2.7
01087	Vanadium	Grab	N	SW6010	3/26/2004	39		µg/L	0.40
01092	Zinc	Grab	N	SW6010	3/26/2004	6.1	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	3/30/2004	1.2	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	3/30/2004	0.055	IV	µg/L	0.036

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: V Analyte detected in the associated Method Blank



**CCSWD Annual Pump Leach**

**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: F04030699

Sample Number: F04030699-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLEAP	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
01059	Thallium	Grab	N	SW7841	3/30/2004	0.27	IV	µg/L	0.25
<b>ORGANICS</b>									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	4/1/2004	0.0041	U	µg/L	0.0041
77651	Ethylene Dibromide	Grab	N	SW8011	4/1/2004	0.0038	U	µg/L	0.0038
39330	Aldrin	Grab	N	SW8081	3/30/2004	0.010	U	µg/L	0.010
39337	alpha-BHC	Grab	N	SW8081	3/30/2004	0.0040	U	µg/L	0.0040
39338	beta-BHC	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
46323	delta-BHC	Grab	N	SW8081	3/30/2004	0.0050	U	µg/L	0.0050
39340	gamma-BHC	Grab	N	SW8081	3/30/2004	0.0050	U	µg/L	0.0050
39350	Chlordane	Grab	N	SW8081	3/30/2004	0.14	U	µg/L	0.14
39460	Chlorobenzilate	Grab	N	SW8081	3/30/2004	0.080	U	µg/L	0.080
39360	4,4'-DDD	Grab	N	SW8081	3/30/2004	0.017	U	µg/L	0.017
39365	4,4'-DDE	Grab	N	SW8081	3/30/2004	0.030	U	µg/L	0.010
39370	4,4'-DDT	Grab	N	SW8081	3/30/2004	0.044	U	µg/L	0.013
39380	Dieldrin	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
34361	Endosulfan I	Grab	N	SW8081	3/30/2004	0.0090	U	µg/L	0.0090
34356	Endosulfan II	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
34351	Endosulfan sulfate	Grab	N	SW8081	3/30/2004	0.012	U	µg/L	0.012
39390	Endrin	Grab	N	SW8081	3/30/2004	0.013	U	µg/L	0.013
34366	Endrin aldehyde	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
39410	Heptachlor	Grab	N	SW8081	3/30/2004	0.0070	U	µg/L	0.0070
39420	Heptachlor epoxide	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
39700	Hexachlorobenzene	Grab	N	SW8081	3/30/2004	0.0090	U	µg/L	0.0090
34386	Hexachlorocyclopentadiene	Grab	N	SW8081	3/30/2004	0.0060	U	µg/L	0.0060
39480	Methoxychlor	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
81316	Pentachloronitrobenzene	Grab	N	SW8081	3/30/2004	0.027	U	µg/L	0.027
39400	Toxaphene	Grab	N	SW8081	3/30/2004	0.43	U	µg/L	0.43
34671	Aroclor 1016	Grab	N	SW8082	3/30/2004	0.10	U	µg/L	0.10
39488	Aroclor 1221	Grab	N	SW8082	3/30/2004	0.16	U	µg/L	0.16
39492	Aroclor 1232	Grab	N	SW8082	3/30/2004	0.11	U	µg/L	0.11
39496	Aroclor 1242	Grab	N	SW8082	3/30/2004	0.16	U	µg/L	0.16
39500	Aroclor 1248	Grab	N	SW8082	3/30/2004	0.13	U	µg/L	0.13

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Pump Leach  
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: F04030699

Sample Number: F04030699-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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
39504	Aroclor 1254	Grab	N	SW8082	3/30/2004	0.10	U	µg/L	0.10
39508	Aroclor 1260	Grab	N	SW8082	3/30/2004	0.11	U	µg/L	0.11
	Chlorofenvinphos	Grab	N	SW8141	3/28/2004	0.22	U	µg/L	0.22
46314	Dimethoate	Grab	N	SW8141	3/28/2004	0.14	U	µg/L	0.14
81888	Disulfoton	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
38462	Famphur	Grab	N	SW8141	3/28/2004	0.22	U	µg/L	0.22
39540	Parathion, Ethyl	Grab	N	SW8141	3/28/2004	0.34	U	µg/L	0.34
39800	Parathion, Methyl	Grab	N	SW8141	3/28/2004	0.19	U	µg/L	0.19
46313	Phorate	Grab	N	SW8141	3/28/2004	0.38	U	µg/L	0.38
39730	2,4-D	Grab	N	SW8151	4/2/2004	0.15	U	µg/L	0.15
81287	Dinoseb	Grab	N	SW8151	4/2/2004	0.090	U	µg/L	0.090
39032	Pentachlorophenol	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
39740	2,4,5-T	Grab	N	SW8151	4/2/2004	0.020	U	µg/L	0.020
39760	2,4,5-TP (Silvex)	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
81552	Acetone	Grab	N	SW8260	3/30/2004	20		µg/L	0.91
76997	Acetonitrile	Grab	N	SW8260	3/30/2004	2.4	U	µg/L	2.4
34210	Acrolein	Grab	N	SW8260	3/30/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile	Grab	N	SW8260	3/30/2004	0.93	U	µg/L	0.93
78109	Allyl chloride	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34030	Benzene	Grab	N	SW8260	3/30/2004	11		µg/L	0.31
73085	Bromochloromethane	Grab	N	SW8260	3/30/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
32104	Bromofom	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34413	Bromomethane	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
81595	2-Butanone	Grab	N	SW8260	3/30/2004	0.29	U	µg/L	0.29
77041	Carbon disulfide	Grab	N	SW8260	3/30/2004	9.1		µg/L	0.25
32102	Carbon tetrachloride	Grab	N	SW8260	3/30/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34311	Chloroethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16
32106	Chlorofom	Grab	N	SW8260	3/30/2004	0.28	U	µg/L	0.28
34418	Chloromethane	Grab	N	SW8260	3/30/2004	0.31	U	µg/L	0.31
81520	Chloroprene	Grab	N	SW8260	3/30/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16

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:	V	Analyte detected in the associated Method Blank		



**CCSWD Annual Pump Leach**

**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: F04030699

Sample Number: F04030699-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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			Detection Limits
						Result	Q	Units	
77596	Dibromomethane	Grab	N	SW8260	3/30/2004	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	3/30/2004	0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane	Grab	N	SW8260	3/30/2004	0.52	U	µg/L	0.52
34496	1,1-Dichloroethane	Grab	N	SW8260	3/30/2004	2.6		µg/L	0.30
34531	1,2-Dichloroethane	Grab	N	SW8260	3/30/2004	1.1		µg/L	0.10
34501	1,1-Dichloroethene	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	3/30/2004	1.3	10	µg/L	0.15
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	3/30/2004	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
77173	1,3-Dichloropropane	Grab	N	SW8260	3/30/2004	0.50	U	µg/L	0.50
77170	2,2-Dichloropropane	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77168	1,1-Dichloropropene	Grab	N	SW8260	3/30/2004	0.060	U	µg/L	0.060
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	3/30/2004	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
73570	Ethyl methacrylate	Grab	N	SW8260	3/30/2004	0.48	U	µg/L	0.48
34371	Ethylbenzene	Grab	N	SW8260	3/30/2004	110		µg/L	0.12
34391	Hexachlorobutadiene	Grab	N	SW8260	3/30/2004	0.34	U	µg/L	0.34
77103	2-Hexanone	Grab	N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77424	Iodomethane	Grab	N	SW8260	3/30/2004	0.38	U	µg/L	0.38
77033	Isobutyl Alcohol	Grab	N	SW8260	3/30/2004	2.7	U	µg/L	2.7
81593	Methacrylonitrile	Grab	N	SW8260	3/30/2004	0.71	U	µg/L	0.71
81597	Methyl methacrylate	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone	Grab	N	SW8260	3/30/2004	2.0	I	µg/L	0.21
34423	Methylene chloride	Grab	N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77007	Propionitrile	Grab	N	SW8260	3/30/2004	1.8	U	µg/L	1.8
77128	Styrene	Grab	N	SW8260	3/30/2004	0.17	U	µg/L	0.17
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34475	Tetrachloroethene	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34010	Toluene	Grab	N	SW8260	3/30/2004	8.1		µg/L	0.10
34506	1,1,1-Trichloroethane	Grab	N	SW8260	3/30/2004	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane	Grab	N	SW8260	3/30/2004	0.13	U	µg/L	0.13
39180	Trichloroethene	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Pump Leach**

**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: F04030699

Sample Number: F04030699-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLEAP	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			Detection Limits
						Result	Q	Units	
34488	Trichlorofluoromethane	Grab	N	SW8260	3/30/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane	Grab	N	SW8260	3/30/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride	Grab	N	SW8260	3/30/2004	4.6		µg/L	0.14
34020	Xylenes, Total	Grab	N	SW8260	3/30/2004	210		µg/L	0.29
	Kepona	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34205	Acenaphthene	Grab	N	SW8270	4/9/2004	0.80	U	µg/L	0.80
34200	Acenaphthylene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
81553	Acetophenone	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
82204	2-Acetylaminofluorene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
77581	4-Aminobiphenyl	Grab	N	SW8270	4/9/2004	2.8	U	µg/L	2.8
34220	Anthracene	Grab	N	SW8270	4/9/2004	0.57	U	µg/L	0.57
34526	Benzo(a)anthracene	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34247	Benzo(a)pyrene	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34230	Benzo(b)fluoranthene	Grab	N	SW8270	4/9/2004	0.81	U	µg/L	0.81
34521	Benzo(g,h,i)perylene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34242	Benzo(k)fluoranthene	Grab	N	SW8270	4/9/2004	0.66	U	µg/L	0.66
77147	Benzyl alcohol	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34278	Bis(2-chloroethoxy)methane	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34273	Bis(2-chloroethyl)ether	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73522	Bis(2-chloroisopropyl)ether	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
39100	Bis(2-ethylhexyl)phthalate	Grab	N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34636	4-Bromophenyl phenyl ether	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34292	Butyl benzyl phthalate	Grab	N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34452	4-Chloro-3-methylphenol	Grab	N	SW8270	4/9/2004	1.8	U	µg/L	1.8
73529	4-Chloroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34581	2-Chloronaphthalene	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34586	2-Chlorophenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34641	4-Chlorophenyl phenyl ether	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34320	Chrysene	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
73540	Diallate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34556	Dibenzo(a,h)anthracene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
81302	Dibenzofuran	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V	Analyte detected in the associated Method Blank		

**CCSWD Annual Pump Leach**  
**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: F04030699

Sample Number: F04030699-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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			Detection Limits
						Result	Q	Units	
34536	1,2-Dichlorobenzene	Grab	N	SW8270	4/9/2004	0.95	U	µg/L	0.95
34566	1,3-Dichlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34571	1,4-Dichlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34631	3,3'-Dichlorobenzidine	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
34601	2,4-Dichlorophenol	Grab	N	SW8270	4/9/2004	0.98	U	µg/L	0.98
77541	2,6-Dichlorophenol	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34336	Diethyl phthalate	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73558	p-Dimethylaminoazobenzene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73559	7,12-Dimethylbenz(a)anthracene	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
73560	3,3'-Dimethylbenzidine	Grab	N	SW8270	4/9/2004	2.3	U	µg/L	2.3
34606	2,4-Dimethylphenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
39110	Di-n-butyl phthalate	Grab	N	SW8270	4/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
	1,2-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
45622	1,3-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34616	2,4-Dinitrophenol	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
34611	2,4-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34626	2,6-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34596	Di-n-octyl phthalate	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34346	1,2-Diphenylhydrazine	Grab	N	SW8270	4/9/2004	0.94	U	µg/L	0.94
73571	Ethyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34376	Fluoranthene	Grab	N	SW8270	4/9/2004	0.53	U	µg/L	0.53
34381	Fluorene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
39700	Hexachlorobenzene	Grab	N	SW8270	4/9/2004	0.59	U	µg/L	0.59
34386	Hexachlorocyclopentadiene	Grab	N	SW8270	4/9/2004	3.6	U	µg/L	3.6
34396	Hexachloroethane	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73576	Hexachloropropene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34403	Indeno(1,2,3-cd)pyrene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39430	Isodrin	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34408	Isophorone	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73582	Isosafrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73589	Methapyrilene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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:	V	Analyte detected in the associated Method Blank		



**CCSWD Annual Pump Leach**

**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: F04030699

Sample Number: F04030699-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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			Detection Limits
						Result	Q	Units	
73595	Methyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73591	3-Methylcholanthrene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77416	2-Methylnaphthalene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77152	2-Methylphenol	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
77146	3&4-Methylphenol	Grab	N	SW8270	4/9/2004	2.2	U	µg/L	2.2
34696	Naphthalene	Grab	N	SW8270	4/9/2004	6.9	U	µg/L	0.86
73600	1-Naphthylamine	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73601	2-Naphthylamine	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
73599	1,4-Naphthoquinone	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
78142	2-Nitroaniline	Grab	N	SW8270	4/9/2004	1.6	U	µg/L	1.6
78300	3-Nitroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73605	4-Nitroaniline	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34447	Nitrobenzene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73622	5-Nitro-o-toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34591	2-Nitrophenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34646	4-Nitrophenol	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73611	N-Nitrosodiethylamine	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34438	N-Nitrosodimethylamine	Grab	N	SW8270	4/9/2004	0.63	U	µg/L	0.63
73609	N-Nitroso-di-n-butylamine	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34428	N-Nitroso-di-n-propylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34433	N-Nitrosodiphenylamine	Grab	N	SW8270	4/9/2004	0.67	U	µg/L	0.67
73613	N-Nitrosomethylethylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73619	N-Nitrosopiperidine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
78206	N-Nitrosopyrrolidine	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
77793	Pentachlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73626	Phenacetin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34461	Phenanthrene	Grab	N	SW8270	4/9/2004	0.73	U	µg/L	0.73
34694	Phenol	Grab	N	SW8270	4/9/2004	0.55	U	µg/L	0.55
73628	1,4-Phenylenediamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
38080	Pronamide	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34469	Pyrene	Grab	N	SW8270	4/9/2004	0.72	U	µg/L	0.72
77545	Salrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77734	1,2,4,5-Tetrachlorobenzene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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:	V	Analyte detected in the associated Method Blank		



**CCSWD Annual Pump Leach**

**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: F04030699

Sample Number: F04030699-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 12:30:00 PM
Well/Sampling Point WACS:	Leachate Pump	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLLEAP	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			Detection Limits
						Result	Q	Units	
77770	2,3,4,6/2,3,4,5-Tetrachlorophenol	Grab	N	SW8270	4/9/2004	3.8	U	µg/L	3.8
73553	Thionazin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77142	o-Toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34551	1,2,4-Trichlorobenzene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
77687	2,4,5-Trichlorophenol	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
34621	2,4,6-Trichlorophenol	Grab	N	SW8270	4/9/2004	0.93	U	µg/L	0.93
73652	o,o,o-Triethylphosphorothioate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73653	1,3,5-Trinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
<b>SUB</b>									
00615	Nitrogen, Nitrite	Grab	N	SM4500-	3/25/2004	0.010	U	mg/L	0.010

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  
    V Analyte detected in the associated Method Blank



## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 3-24-04CLLEAP
<b>Lab Order:</b> F04030699	<b>Collection Date:</b> 3/24/2004 12:30:00 PM
<b>Project:</b> CCSWD Annual Pump Leach	<b>Sample Description:</b> Leachate Pump
<b>Lab ID:</b> F04030699-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ALKALINITY AS CaCO3</b>		<b>SM2320 B</b>		<b>PrepDate:</b>		<b>Analyst: MMA</b>		
Alkalinity, Bicarbonate (As CaCO3)	2800		0.16	5.0	mg/L	1	03/30/04	R24562
Alkalinity, Carbonate (As CaCO3)	0.16	U	0.16	5.0	mg/L	1	03/30/04	R24562
Alkalinity, Total (As CaCO3)	2800		0.16	5.0	mg/L	1	03/30/04	R24562
<b>ANIONS BY ION CHROMATOGRAPHY</b>		<b>E300.0</b>		<b>PrepDate:</b>		<b>Analyst: ACO</b>		
Chloride	700	*	1.8	25	mg/L	50	03/30/04 00:52	r24524-B
Sulfate	23	I	2.6	25	mg/L	50	03/30/04 00:52	r24524-B
<b>CYANIDE, TOTAL</b>		<b>SW9012</b>		<b>PrepDate: 4/2/2004 10:00:00 A</b>		<b>Analyst: SST</b>		
Cyanide	0.0070	I	0.0027	0.010	mg/L	1	04/02/04 15:11	18401
<b>NITROGEN, AMMONIA</b>		<b>E350.1</b>		<b>PrepDate:</b>		<b>Analyst: SST</b>		
Nitrogen, Ammonia (As N)	0.20	U	0.20	1.0	mg/L	50	03/26/04 14:57	R24457
<b>NITROGEN, NITRATE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24608
<b>NITROGEN, NITRATE-NITRITE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate-Nitrite	0.010	U	0.010	0.040	mg/L	1	03/29/04	R24608
<b>PH</b>		<b>E150.1</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
pH	7.34	Q	0.100	0.100	pH units	1	03/24/04 16:20	R24608
<b>SOLIDS, TOTAL DISSOLVED</b>		<b>E160.1</b>		<b>PrepDate: 3/25/2004</b>		<b>Analyst: MMA</b>		
Solids, Total Dissolved	3200	*	1.2	5.0	mg/L	1	03/25/04	18230
<b>SULFIDE</b>		<b>SW9034</b>		<b>PrepDate:</b>		<b>Analyst: TSHE</b>		
Sulfide	13		1.6	0.50	mg/L	5	03/25/04	R24418
<b>ANTIMONY BY GFAA</b>		<b>SW7041</b>		<b>PrepDate: 3/26/2004 9:30:00 A</b>		<b>Analyst: TPE</b>		
Antimony	0.0012	I	0.00035	0.0030	mg/L	1	03/30/04 10:44	18238
<b>ICP METALS</b>		<b>SW6010</b>		<b>PrepDate: 3/26/2004 9:21:00 A</b>		<b>Analyst: JCO</b>		
Arsenic	0.065	*	0.0020	0.010	mg/L	1	03/26/04 19:38	18241
Barium	0.085		0.000074	0.010	mg/L	1	03/26/04 19:38	18241
Beryllium	0.00012	U	0.00012	0.0010	mg/L	1	03/26/04 19:38	18241
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	03/26/04 19:38	18241
Chromium	0.078		0.00060	0.0050	mg/L	1	03/26/04 19:38	18241
Cobalt	0.017		0.0015	0.010	mg/L	1	03/26/04 19:38	18241
Copper	0.00074	I	0.00058	0.0050	mg/L	1	03/26/04 19:38	18241
Iron	0.49	*	0.013	0.040	mg/L	1	03/26/04 19:38	18241

<b>Data</b>	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V Analyte detected in the associated Method Blank		





## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 3-24-04CLLEAP
<b>Lab Order:</b> F04030699	<b>Collection Date:</b> 3/24/2004 12:30:00 PM
<b>Project:</b> CCSWD Annual Pump Leach	<b>Sample Description:</b> Leachate Pump
<b>Lab ID:</b> F04030699-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ICP METALS</b>								
			<b>SW6010</b>				PrepDate: 3/26/2004 9:21:00 A	Analyst: JCO
Lead	0.0018	U	0.0018	0.010	mg/L	1	03/26/04 19:38	18241
Nickel	0.039		0.0020	0.0050	mg/L	1	03/26/04 19:38	18241
Selenium	0.0040	I	0.0040	0.015	mg/L	1	03/26/04 19:38	18241
Silver	0.0017	I	0.0014	0.0050	mg/L	1	03/26/04 19:38	18241
Sodium	700	*	0.46	2.0	mg/L	2	03/29/04 17:02	18241
Tin	0.0027	U	0.0027	0.050	mg/L	1	03/26/04 19:38	18241
Vanadium	0.039		0.00040	0.010	mg/L	1	03/26/04 19:38	18241
Zinc	0.0061	I	0.0023	0.020	mg/L	1	03/26/04 19:38	18241
<b>MERCURY</b>								
			<b>SW7470</b>				PrepDate: 3/29/2004 2:21:00 P	Analyst: TPE
Mercury	0.000055	IV	0.000036	0.00020	mg/L	1	03/30/04 08:55	18283
<b>THALLIUM BY GFAA</b>								
			<b>SW7841</b>				PrepDate: 3/26/2004 9:30:00 A	Analyst: TPE
Thallium	0.00027	IV	0.00025	0.0010	mg/L	1	03/30/04	18238
<b>8011: EDB AND DBCP</b>								
			<b>SW8011</b>				PrepDate: 3/31/2004 7:50:00 A	Analyst: EM
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	04/01/04	18325
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	04/01/04	18325
Surr: 4-Bromofluorobenzene	111		0		%REC	1	04/01/04	18325
<b>8081: PESTICIDES, ORGANOCHLORINE</b>								
			<b>SW8081</b>				PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
Aldrin	0.010	U	0.010	0.0050	µg/L	1	03/30/04	18243
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/30/04	18243
beta-BHC	0.0080	U	0.0080	0.020	µg/L	1	03/30/04	18243
delta-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/30/04	18243
gamma-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/30/04	18243
Chlordane	0.14	U	0.14	0.50	µg/L	1	03/30/04	18243
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/30/04	18243
4,4'-DDD	0.017	U	0.017	0.020	µg/L	1	03/30/04	18243
4,4'-DDE	0.030		0.010	0.020	µg/L	1	03/30/04	18243
4,4'-DDT	0.044		0.013	0.020	µg/L	1	03/30/04	18243
Dieldrin	0.0080	U	0.0080	0.0050	µg/L	1	03/30/04	18243
Endosulfan I	0.0090	U	0.0090	0.020	µg/L	1	03/30/04	18243
Endosulfan II	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Endosulfan sulfate	0.012	U	0.012	0.020	µg/L	1	03/30/04	18243
Endrin	0.013	U	0.013	0.020	µg/L	1	03/30/04	18243
Endrin aldehyde	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Heptachlor	0.0070	U	0.0070	0.020	µg/L	1	03/30/04	18243

<b>Data</b>	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V Analyte detected in the associated Method Blank		



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030699  
**Project:** CCSWD Annual Pump Leach  
**Lab ID:** F04030699-001

**Client Sample ID:** 3-24-04CLLEAP  
**Collection Date:** 3/24/2004 12:30:00 PM  
**Sample Description:** Leachate Pump  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8081: PESTICIDES, ORGANOCHLORINE</b>		<b>SW8081</b>					PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
Heptachlor epoxide	0.0080	U	0.0080	0.020	µg/L	1	03/30/04	18243
Hexachlorobenzene	0.0090	U	0.0090	0.020	µg/L	1	03/30/04	18243
Hexachlorocyclopentadiene	0.0060	U	0.0060	0.020	µg/L	1	03/30/04	18243
Methoxychlor	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/30/04	18243
Toxaphene	0.43	U	0.43	0.50	µg/L	1	03/30/04	18243
Surr: Decachlorobiphenyl	30.0		0		%REC	1	03/30/04	18243
Surr: Tetrachloro-m-xylene	150		0		%REC	1	03/30/04	18243
<b>8082: POLYCHLORINATED BIPHENYLS</b>		<b>SW8082</b>					PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/30/04	18243
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/30/04	18243
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/30/04	18243
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/30/04	18243
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/30/04	18243
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/30/04	18243
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/30/04	18243
Surr: Decachlorobiphenyl	30.1		0		%REC	1	03/30/04	18243
Surr: Tetrachloro-m-xylene	58.6		0		%REC	1	03/30/04	18243
<b>8141: PESTICIDES, ORGANOPHOSPHORUS</b>		<b>SW8141</b>					PrepDate: 3/25/2004 2:30:00 P	Analyst: JZV
Chlorfenvinphos	0.22	U	0.22	0.50	µg/L	1	03/28/04	18191
Dimethoate	0.14	U	0.14	0.50	µg/L	1	03/28/04	18191
Disulfoton	0.20	U	0.20	0.50	µg/L	1	03/28/04	18191
Famphur	0.22	U	0.22	0.50	µg/L	1	03/28/04	18191
Parathion, Ethyl	0.34	U	0.34	1.0	µg/L	1	03/28/04	18191
Parathion, Methyl	0.19	U	0.19	0.50	µg/L	1	03/28/04	18191
Phorate	0.38	U	0.38	1.0	µg/L	1	03/28/04	18191
Surr: 4-Chloro-3-nitrobenzotrifluoride	51.2		0		%REC	1	03/28/04	18191
<b>8151: HERBICIDES, CHLORINATED BY GC</b>		<b>SW8151</b>					PrepDate: 3/26/2004 1:00:00 P	Analyst: EM
2,4-D	0.15	U	0.15	0.10	µg/L	1	04/02/04	18255
Dinoseb	0.090	U	0.090	0.20	µg/L	1	04/02/04	18255
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	04/02/04	18255
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	04/02/04	18255
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	04/02/04	18255
Surr: DCAA	77.4		0		%REC	1	04/02/04	18255

**Data** \* Value exceeds Maximum Contaminant Level  
**Qualifier** Q Holding times for preparation or analysis exceeded  
**Code Key:** V Analyte detected in the associated Method Blank

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



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030699  
**Project:** CCSWD Annual Pump Leach  
**Lab ID:** F04030699-001

**Client Sample ID:** 3-24-04CLEAP  
**Collection Date:** 3/24/2004 12:30:00 PM  
**Sample Description:** Leachate Pump  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	<b>PrepDate: 3/29/2004</b>		<b>Analyst: LGO</b>			
Acetone	20		0.91	10	µg/L	1	03/30/04 04:56	18313
Acetonitrile	2.4	U	2.4	10	µg/L	1	03/30/04 04:56	18313
Acrolein	2.0	U	2.0	10	µg/L	1	03/30/04 04:56	18313
Acrylonitrile	0.93	U	0.93	10	µg/L	1	03/30/04 04:56	18313
Allyl chloride	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:56	18313
Benzene	11	U	0.31	1.0	µg/L	1	03/30/04 04:56	18313
Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	03/30/04 04:56	18313
Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	03/30/04 04:56	18313
Bromoform	0.11	U	0.11	1.0	µg/L	1	03/30/04 04:56	18313
Bromomethane	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:56	18313
2-Butanone	0.29	U	0.29	10	µg/L	1	03/30/04 04:56	18313
Carbon disulfide	9.1		0.25	1.0	µg/L	1	03/30/04 04:56	18313
Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	03/30/04 04:56	18313
Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:56	18313
Chloroethane	0.16	U	0.16	1.0	µg/L	1	03/30/04 04:56	18313
Chloroform	0.28	U	0.28	1.0	µg/L	1	03/30/04 04:56	18313
Chloromethane	0.31	U	0.31	1.0	µg/L	1	03/30/04 04:56	18313
Chloroprene	0.27	U	0.27	1.0	µg/L	1	03/30/04 04:56	18313
Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	03/30/04 04:56	18313
Dibromomethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 04:56	18313
trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	03/30/04 04:56	18313
Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	03/30/04 04:56	18313
1,1-Dichloroethane	2.6		0.30	1.0	µg/L	1	03/30/04 04:56	18313
1,2-Dichloroethane	1.1		0.10	1.0	µg/L	1	03/30/04 04:56	18313
1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:56	18313
cis-1,2-Dichloroethene	1.3		0.15	1.0	µg/L	1	03/30/04 04:56	18313
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/30/04 04:56	18313
1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:56	18313
1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	03/30/04 04:56	18313
2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:56	18313
1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	03/30/04 04:56	18313
cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	03/30/04 04:56	18313
trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	03/30/04 04:56	18313
Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	03/30/04 04:56	18313
Ethylbenzene	110		0.12	1.0	µg/L	1	03/30/04 04:56	18313
Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	03/30/04 04:56	18313

**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:** V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030699  
Project: CCSWD Annual Pump Leach  
Lab ID: F04030699-001

Client Sample ID: 3-24-04CLLEAP  
Collection Date: 3/24/2004 12:30:00 PM  
Sample Description: Leachate Pump  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 3/29/2004		Analyst: LGO			
2-Hexanone	0.26	U	0.26	10	µg/L	1	03/30/04 04:56	18313
Iodomethane	0.38	U	0.38	1.0	µg/L	1	03/30/04 04:56	18313
Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	03/30/04 04:56	18313
Methacrylonitrile	0.71	U	0.71	10	µg/L	1	03/30/04 04:56	18313
Methyl methacrylate	0.15	U	0.15	10	µg/L	1	03/30/04 04:56	18313
4-Methyl-2-pentanone	2.0	I	0.21	10	µg/L	1	03/30/04 04:56	18313
Methylene chloride	0.26	U	0.26	5.0	µg/L	1	03/30/04 04:56	18313
Propionitrile	1.8	U	1.8	10	µg/L	1	03/30/04 04:56	18313
Styrene	0.17	U	0.17	1.0	µg/L	1	03/30/04 04:56	18313
1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 04:56	18313
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	03/30/04 04:56	18313
Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	03/30/04 04:56	18313
Toluene	8.1		0.10	1.0	µg/L	1	03/30/04 04:56	18313
1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	03/30/04 04:56	18313
1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 04:56	18313
Trichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 04:56	18313
Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	03/30/04 04:56	18313
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	03/30/04 04:56	18313
Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	03/30/04 04:56	18313
Vinyl chloride	4.6	*	0.14	1.0	µg/L	1	03/30/04 04:56	18313
Xylenes, Total	210		0.29	1.0	µg/L	1	03/30/04 04:56	18313
Surr: 4-Bromofluorobenzene	101		0		%REC	1	03/30/04 04:56	18313
Surr: Dibromofluoromethane	108		0		%REC	1	03/30/04 04:56	18313
Surr: Toluene-d8	98.8		0		%REC	1	03/30/04 04:56	18313
Surr: 1,2-Dichloroethane-d4	108		0		%REC	1	03/30/04 04:56	18313
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
Kepone	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:18	18251
Acenaphthene	0.80	U	0.80	5.0	µg/L	1	04/09/04 00:18	18251
Acenaphthylene	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Acetophenone	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
2-Acetylaminofluorene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	04/09/04 00:18	18251
Anthracene	0.57	U	0.57	5.0	µg/L	1	04/09/04 00:18	18251
Benzo(a)anthracene	0.64	U	0.64	5.0	µg/L	1	04/09/04 00:18	18251
Benzo(a)pyrene	0.69	U	0.69	1.0	µg/L	1	04/09/04 00:18	18251

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: V Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030699  
**Project:** CCSWD Annual Pump Leach  
**Lab ID:** F04030699-001

**Client Sample ID:** 3-24-04CLLEAP  
**Collection Date:** 3/24/2004 12:30:00 PM  
**Sample Description:** Leachate Pump  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
Benzo(b)fluoranthene	0.81	U	0.81	2.0	µg/L	1	04/09/04 00:18	18251
Benzo(g,h,i)perylene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
Benzo(k)fluoranthene	0.66	U	0.66	4.0	µg/L	1	04/09/04 00:18	18251
Benzyl alcohol	0.65	U	0.65	5.0	µg/L	1	04/09/04 00:18	18251
Bis(2-chloroethoxy)methane	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
Bis(2-chloroethyl)ether	1.3	U	1.3	4.0	µg/L	1	04/09/04 00:18	18251
Bis(2-chloroisopropyl)ether	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Bis(2-ethylhexyl)phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 00:18	18251
4-Bromophenyl phenyl ether	0.64	U	0.64	5.0	µg/L	1	04/09/04 00:18	18251
Butyl benzyl phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 00:18	18251
4-Chloro-3-methylphenol	1.8	U	1.8	20	µg/L	1	04/09/04 00:18	18251
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
2-Chloronaphthalene	0.65	U	0.65	5.0	µg/L	1	04/09/04 00:18	18251
2-Chlorophenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
4-Chlorophenyl phenyl ether	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
Chrysene	0.58	U	0.58	5.0	µg/L	1	04/09/04 00:18	18251
Diallate	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
Dibenzo(a,h)anthracene	0.85	U	0.85	2.0	µg/L	1	04/09/04 00:18	18251
Dibenzofuran	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
1,2-Dichlorobenzene	0.95	U	0.95	5.0	µg/L	1	04/09/04 00:18	18251
1,3-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
1,4-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
3,3'-Dichlorobenzidine	0.58	U	0.58	10	µg/L	1	04/09/04 00:18	18251
2,4-Dichlorophenol	0.98	U	0.98	2.0	µg/L	1	04/09/04 00:18	18251
2,6-Dichlorophenol	1.2	U	1.2	4.0	µg/L	1	04/09/04 00:18	18251
Diethyl phthalate	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:18	18251
Dimethyl phthalate	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
p-Dimethylaminoazobenzene	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	04/09/04 00:18	18251
3,3'-Dimethylbenzidine	2.3	U	2.3	10	µg/L	1	04/09/04 00:18	18251
2,4-Dimethylphenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
Di-n-butyl phthalate	0.70	U	0.70	5.0	µg/L	1	04/09/04 00:18	18251
4,6-Dinitro-2-methylphenol	1.1	U	1.1	20	µg/L	1	04/09/04 00:18	18251
1,2-Dinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
1,3-Dinitrobenzene	1.2	U	1.2	8.0	µg/L	1	04/09/04 00:18	18251
2,4-Dinitrophenol	2.0	U	2.0	20	µg/L	1	04/09/04 00:18	18251

**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:** V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030699  
**Project:** CCSWD Annual Pump Leach  
**Lab ID:** F04030699-001

**Client Sample ID:** 3-24-04CLLEAP  
**Collection Date:** 3/24/2004 12:30:00 PM  
**Sample Description:** Leachate Pump  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>								
			<b>SW8270</b>				<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
2,4-Dinitrotoluene	1.4	U	1.4	2.0	µg/L	1	04/09/04 00:18	18251
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	04/09/04 00:18	18251
Di-n-octyl phthalate	0.69	U	0.69	5.0	µg/L	1	04/09/04 00:18	18251
1,2-Diphenylhydrazine	0.94	U	0.94	5.0	µg/L	1	04/09/04 00:18	18251
Ethyl methanesulfonate	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Fluoranthene	0.53	U	0.53	5.0	µg/L	1	04/09/04 00:18	18251
Fluorene	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:18	18251
Hexachlorobenzene	0.59	U	0.59	1.0	µg/L	1	04/09/04 00:18	18251
Hexachlorocyclopentadiene	3.6	U	3.6	5.0	µg/L	1	04/09/04 00:18	18251
Hexachloroethane	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:18	18251
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:18	18251
Indeno(1,2,3-cd)pyrene	1.2	U	1.2	2.0	µg/L	1	04/09/04 00:18	18251
Isodrin	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Isophorone	0.99	U	0.99	5.0	µg/L	1	04/09/04 00:18	18251
Isosafrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
Methapyrilene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
Methyl methanesulfonate	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:18	18251
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
2-Methylnaphthalene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
2-Methylphenol	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:18	18251
3&4-Methylphenol	2.2	U	2.2	10	µg/L	1	04/09/04 00:18	18251
Naphthalene	6.9		0.86	5.0	µg/L	1	04/09/04 00:18	18251
1-Naphthylamine	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:18	18251
2-Naphthylamine	1.7	U	1.7	5.0	µg/L	1	04/09/04 00:18	18251
1,4-Napthoquinone	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:18	18251
2-Nitroaniline	1.6	U	1.6	5.0	µg/L	1	04/09/04 00:18	18251
3-Nitroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
4-Nitroaniline	1.5	U	1.5	4.0	µg/L	1	04/09/04 00:18	18251
Nitrobenzene	1.4	U	1.4	4.0	µg/L	1	04/09/04 00:18	18251
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
2-Nitrophenol	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
4-Nitrophenol	0.99	U	0.99	20	µg/L	1	04/09/04 00:18	18251
N-Nitrosodiethylamine	1.5	U	1.5	4.0	µg/L	1	04/09/04 00:18	18251
N-Nitrosodimethylamine	0.63	U	0.63	2.0	µg/L	1	04/09/04 00:18	18251
N-Nitroso-di-n-butylamine	1.0	U	1.0	4.0	µg/L	1	04/09/04 00:18	18251
N-Nitroso-di-n-propylamine	1.2	U	1.2	4.0	µg/L	1	04/09/04 00:18	18251

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: V Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030699  
**Project:** CCSWD Annual Pump Leach  
**Lab ID:** F04030699-001

**Client Sample ID:** 3-24-04CLLEAP  
**Collection Date:** 3/24/2004 12:30:00 PM  
**Sample Description:** Leachate Pump  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
N-Nitrosodiphenylamine	0.67	U	0.67	5.0	µg/L	1	04/09/04 00:18	18251
N-Nitrosomethylethylamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
N-Nitrosopiperidine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
N-Nitrosopyrrolidine	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Pentachlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
Phenacetin	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
Phenanthrene	0.73	U	0.73	5.0	µg/L	1	04/09/04 00:18	18251
Phenol	0.55	U	0.55	5.0	µg/L	1	04/09/04 00:18	18251
1,4-Phenylenediamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
Pronamide	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:18	18251
Pyrene	0.72	U	0.72	5.0	µg/L	1	04/09/04 00:18	18251
Safrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	04/09/04 00:18	18251
Thionazin	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:18	18251
o-Toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
1,2,4-Trichlorobenzene	0.85	U	0.85	5.0	µg/L	1	04/09/04 00:18	18251
2,4,5-Trichlorophenol	1.7	U	1.7	4.0	µg/L	1	04/09/04 00:18	18251
2,4,6-Trichlorophenol	0.93	U	0.93	2.0	µg/L	1	04/09/04 00:18	18251
o,o,o-Triethylphosphorothioate	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:18	18251
1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:18	18251
Surr: 2-Fluorobiphenyl	74.3		0		%REC	1	04/09/04 00:18	18251
Surr: 2-Fluorophenol	29.0		0		%REC	1	04/09/04 00:18	18251
Surr: Nitrobenzene-d5	73.3		0		%REC	1	04/09/04 00:18	18251
Surr: Phenol-d6	21.2		0		%REC	1	04/09/04 00:18	18251
Surr: p-Terphenyl-d14	87.4		0		%REC	1	04/09/04 00:18	18251
Surr: 2,4,6-Tribromophenol	67.0		0		%REC	1	04/09/04 00:18	18251
<b>NITROGEN, NITRITE (SUBCONTRACT)</b>		<b>SM4500-NO2 B</b>	PrepDate:		Analyst: SUB			
Nitrogen, Nitrite	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24608

**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:** V Analyte detected in the associated Method Blank

# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

Submission Number 4030778

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

Project Name: ANNUAL LEACH P  
Date Received: 03/24/2004  
Time Received: 1605

Attn: Jamie Rexroat

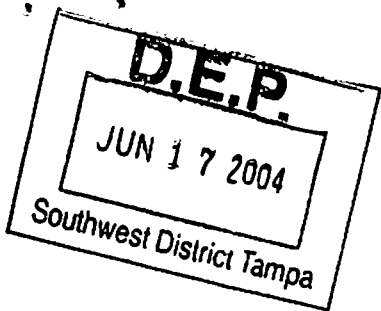
*F04030699*

Submission Number 4030778

Sample Number: 1      Sample Description: C C L E A 4  
Sample Date: 03/24/2004      Sample Method: Grab  
Sample Time: 1150

Parameter	Result	Units	Detection Limit	Procedure	Analysis		Analyst
					Date	Time	
PH	7.34	UNITS	0.1	150.1	03/24/2003	16:20	TB
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	03/25/2004	08:55	KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	03/29/2004		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	03/25/2004	08:55	KJG





**CCSWD Annual Leach I**  
**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: F04030700  
 Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate I	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
<b>INORGANICS</b>									
00403	pH	Grab	N	E150.1	3/24/2004	6.99	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	3/29/2004	1500		mg/L	1.2
00940	Chloride	Grab	N	E300.0	3/30/2004	230		mg/L	0.72
00945	Sulfate	Grab	N	E300.0	3/30/2004	0.28	U	mg/L	0.26
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	3/26/2004	120	V	mg/L	0.040
00620	Nitrogen, Nitrate	Grab	N	E353.2	3/25/2004	0.010	U	mg/L	0.010
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	3/29/2004	0.017	I	mg/L	0.010
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	1200		mg/L	0.16
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	0.16	U	mg/L	0.16
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	3/30/2004	1200		mg/L	0.16
00720	Cyanide	Grab	N	SW9012	4/2/2004	0.0040	I	mg/L	0.0027
00745	Sulfide	Grab	N	SW9034	3/25/2004	0.54		mg/L	0.32
<b>METALS</b>									
01002	Arsenic	Grab	N	SW6010	3/26/2004	25		µg/L	2.0
01007	Barium	Grab	N	SW6010	3/26/2004	110		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	3/26/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	3/26/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	3/26/2004	10		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	3/26/2004	8.5	I	µg/L	1.5
01042	Copper	Grab	N	SW6010	3/26/2004	11		µg/L	0.58
01045	Iron	Grab	N	SW6010	3/26/2004	1200		µg/L	13
01051	Lead	Grab	N	SW6010	3/26/2004	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	3/26/2004	23		µg/L	2.0
01147	Selenium	Grab	N	SW6010	3/26/2004	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	3/26/2004	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	3/26/2004	260000		µg/L	230
01102	Tin	Grab	N	SW6010	3/26/2004	2.7	U	µg/L	2.7
01087	Vanadium	Grab	N	SW6010	3/26/2004	14		µg/L	0.40
01092	Zinc	Grab	N	SW6010	3/26/2004	25		µg/L	2.3
01097	Antimony	Grab	N	SW7041	3/30/2004	0.35	U	µg/L	0.35
71900	Mercury	Grab	N	SW7470	4/1/2004	0.036	U	µg/L	0.036

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 1**

**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: F04030700

Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEAI	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
01059	Thallium	Grab	N	SW7841	3/30/2004	0.25	U	µg/L	0.25
<b>ORGANICS</b>									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	4/1/2004	0.0041	U	µg/L	0.0041
77651	Ethylene Dibromide	Grab	N	SW8011	4/1/2004	0.0038	U	µg/L	0.0038
39330	Aldrin	Grab	N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39337	alpha-BHC	Grab	N	SW8081	3/29/2004	0.0040	U	µg/L	0.0040
39338	beta-BHC	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
46323	delta-BHC	Grab	N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39340	gamma-BHC	Grab	N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39350	Chlordane	Grab	N	SW8081	3/29/2004	0.14	U	µg/L	0.14
39460	Chlorobenzilate	Grab	N	SW8081	3/29/2004	0.080	U	µg/L	0.080
39360	4,4'-DDD	Grab	N	SW8081	3/29/2004	0.017	U	µg/L	0.017
39365	4,4'-DDE	Grab	N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39370	4,4'-DDT	Grab	N	SW8081	3/29/2004	0.013	U	µg/L	0.013
39380	Dieldrin	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
34361	Endosulfan I	Grab	N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34356	Endosulfan II	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
34351	Endosulfan sulfate	Grab	N	SW8081	3/29/2004	0.012	U	µg/L	0.012
39390	Endrin	Grab	N	SW8081	3/29/2004	0.013	U	µg/L	0.013
34366	Endrin aldehyde	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
39410	Heptachlor	Grab	N	SW8081	3/29/2004	0.0070	U	µg/L	0.0070
39420	Heptachlor epoxide	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
39700	Hexachlorobenzene	Grab	N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34386	Hexachlorocyclopentadiene	Grab	N	SW8081	3/29/2004	0.0060	U	µg/L	0.0060
39480	Methoxychlor	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
81316	Pentachloronitrobenzene	Grab	N	SW8081	3/29/2004	0.027	U	µg/L	0.027
39400	Toxaphene	Grab	N	SW8081	3/29/2004	0.43	U	µg/L	0.43
34671	Aroclor 1016	Grab	N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39488	Aroclor 1221	Grab	N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39492	Aroclor 1232	Grab	N	SW8082	3/29/2004	0.11	U	µg/L	0.11
39496	Aroclor 1242	Grab	N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39500	Aroclor 1248	Grab	N	SW8082	3/29/2004	0.13	U	µg/L	0.13

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

**CCSWD Annual Leach I**

**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: F04030700

Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate I	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
39504	Aroclor 1254	Grab	N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39508	Aroclor 1260	Grab	N	SW8082	3/29/2004	0.11	U	µg/L	0.11
	Chlorfenvinphos	Grab	N	SW8141	3/28/2004	0.22	U	µg/L	0.22
46314	Dimethoate	Grab	N	SW8141	3/28/2004	0.14	U	µg/L	0.14
81888	Disulfoton	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
38462	Famphur	Grab	N	SW8141	3/28/2004	0.22	U	µg/L	0.22
39540	Parathion, Ethyl	Grab	N	SW8141	3/28/2004	0.34	U	µg/L	0.34
39600	Parathion, Methyl	Grab	N	SW8141	3/28/2004	0.19	U	µg/L	0.19
46313	Phorate	Grab	N	SW8141	3/28/2004	0.38	U	µg/L	0.38
39730	2,4-D	Grab	N	SW8151	4/2/2004	0.15	U	µg/L	0.15
81287	Dinoseb	Grab	N	SW8151	4/2/2004	0.090	U	µg/L	0.090
39032	Pentachlorophenol	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
39740	2,4,5-T	Grab	N	SW8151	4/2/2004	0.020	U	µg/L	0.020
39760	2,4,5-TP (Silvex)	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
81552	Acetone	Grab	N	SW8260	3/30/2004	16		µg/L	0.91
76997	Acetonitrile	Grab	N	SW8260	3/30/2004	2.4	U	µg/L	2.4
34210	Acrolein	Grab	N	SW8260	3/30/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile	Grab	N	SW8260	3/30/2004	0.93	U	µg/L	0.93
78109	Allyl chloride	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34030	Benzene	Grab	N	SW8260	3/30/2004	7.3		µg/L	0.31
73085	Bromochloromethane	Grab	N	SW8260	3/30/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
32104	Bromoform	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34413	Bromomethane	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
81595	2-Butanone	Grab	N	SW8260	3/30/2004	0.29	U	µg/L	0.29
77041	Carbon disulfide	Grab	N	SW8260	3/30/2004	0.25	U	µg/L	0.25
32102	Carbon tetrachloride	Grab	N	SW8260	3/30/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34311	Chloroethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16
32106	Chloroform	Grab	N	SW8260	3/30/2004	0.28	U	µg/L	0.28
34418	Chloromethane	Grab	N	SW8260	3/30/2004	0.31	U	µg/L	0.31
81520	Chloroprene	Grab	N	SW8260	3/30/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16

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: V Analyte detected in the associated Method Blank

CCSWD Annual Leach 1

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: F04030700  
 Sample Number: F04030700-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CLEA1	Well Purged:	YES
Classification of Groundwater:	G-11	Well Type:	Leachate
Ground Water Elevation: (NGVD):			

Storet	Parameter	Monitored	Method	Y/N	Filtered	Analysis	Method	Date	Analysis	Result	Q	Units	Detection Limits
77596	Dibromomethane		Grab	N		SW8260	SW8260	3/30/2004		0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene		Grab	N		SW8260	SW8260	3/30/2004		0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane		Grab	N		SW8260	SW8260	3/30/2004		0.52	U	µg/L	0.52
34496	1,1-Dichloroethane		Grab	N		SW8260	SW8260	3/30/2004		1.9	I	µg/L	0.30
34531	1,2-Dichloroethane		Grab	N		SW8260	SW8260	3/30/2004		0.68	I	µg/L	0.10
34501	1,1-Dichloroethene		Grab	N		SW8260	SW8260	3/30/2004		0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene		Grab	N		SW8260	SW8260	3/30/2004		1.4	U	µg/L	0.15
34546	trans-1,2-Dichloroethene		Grab	N		SW8260	SW8260	3/30/2004		0.17	U	µg/L	0.17
34541	1,2-Dichloropropane		Grab	N		SW8260	SW8260	3/30/2004		0.12	U	µg/L	0.12
77173	1,3-Dichloropropane		Grab	N		SW8260	SW8260	3/30/2004		0.50	U	µg/L	0.50
77170	2,2-Dichloropropane		Grab	N		SW8260	SW8260	3/30/2004		0.10	U	µg/L	0.10
77168	1,1-Dichloropropane		Grab	N		SW8260	SW8260	3/30/2004		0.060	U	µg/L	0.060
34704	cis-1,3-Dichloropropene		Grab	N		SW8260	SW8260	3/30/2004		0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene		Grab	N		SW8260	SW8260	3/30/2004		0.11	U	µg/L	0.11
73570	Ethyl methacrylate		Grab	N		SW8260	SW8260	3/30/2004		0.48	U	µg/L	0.48
34371	Ethylbenzene		Grab	N		SW8260	SW8260	3/30/2004		67	U	µg/L	0.12
34391	Hexachlorobutadiene		Grab	N		SW8260	SW8260	3/30/2004		0.34	U	µg/L	0.34
77103	2-Hexanone		Grab	N		SW8260	SW8260	3/30/2004		0.26	U	µg/L	0.26
77424	Iodomethane		Grab	N		SW8260	SW8260	3/30/2004		0.38	U	µg/L	0.38
77033	Isobutyl Alcohol		Grab	N		SW8260	SW8260	3/30/2004		2.7	U	µg/L	2.7
81593	Methacrylonitrile		Grab	N		SW8260	SW8260	3/30/2004		0.71	U	µg/L	0.71
81597	Methyl methacrylate		Grab	N		SW8260	SW8260	3/30/2004		0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone		Grab	N		SW8260	SW8260	3/30/2004		0.81	I	µg/L	0.21
34423	Methylene chloride		Grab	N		SW8260	SW8260	3/30/2004		0.26	U	µg/L	0.26
77007	Propionitrile		Grab	N		SW8260	SW8260	3/30/2004		1.8	U	µg/L	1.8
77128	Styrene		Grab	N		SW8260	SW8260	3/30/2004		0.17	U	µg/L	0.17
77562	1,1,1,2-Tetrachloroethane		Grab	N		SW8260	SW8260	3/30/2004		0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane		Grab	N		SW8260	SW8260	3/30/2004		0.11	U	µg/L	0.11
34475	Tetrachloroethene		Grab	N		SW8260	SW8260	3/30/2004		0.11	U	µg/L	0.11
34010	Toluene		Grab	N		SW8260	SW8260	3/30/2004		6.8	U	µg/L	0.10
34506	1,1,1-Trichloroethane		Grab	N		SW8260	SW8260	3/30/2004		0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane		Grab	N		SW8260	SW8260	3/30/2004		0.13	U	µg/L	0.13
39180	Trichloroethene		Grab	N		SW8260	SW8260	3/30/2004		0.15	U	µg/L	0.15

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

**CCSWD Annual Leach 1**

**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: F04030700

Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
34488	Trichlorofluoromethane	Grab	N	SW8260	3/30/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane	Grab	N	SW8260	3/30/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride	Grab	N	SW8260	3/30/2004	1.4		µg/L	0.14
34020	Xylenes, Total	Grab	N	SW8260	3/30/2004	150		µg/L	0.29
	Kepone	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34205	Acenaphthene	Grab	N	SW8270	4/9/2004	0.80	U	µg/L	0.80
34200	Acenaphthylene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
81553	Acetophenone	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
82204	2-Acetylaminofluorene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
77581	4-Aminobiphenyl	Grab	N	SW8270	4/9/2004	2.8	U	µg/L	2.8
34220	Anthracene	Grab	N	SW8270	4/9/2004	0.57	U	µg/L	0.57
34526	Benzo(a)anthracene	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34247	Benzo(a)pyrene	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34230	Benzo(b)fluoranthene	Grab	N	SW8270	4/9/2004	0.81	U	µg/L	0.81
34521	Benzo(g,h,i)perylene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34242	Benzo(k)fluoranthene	Grab	N	SW8270	4/9/2004	0.66	U	µg/L	0.66
77147	Benzyl alcohol	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34278	Bis(2-chloroethoxy)methane	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34273	Bis(2-chloroethyl)ether	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73522	Bis(2-chloroisopropyl)ether	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
39100	Bis(2-ethylhexyl)phthalate	Grab	N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34636	4-Bromophenyl phenyl ether	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34292	Butyl benzyl phthalate	Grab	N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34452	4-Chloro-3-methylphenol	Grab	N	SW8270	4/9/2004	1.8	U	µg/L	1.8
73529	4-Chloroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34581	2-Chloronaphthalene	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34586	2-Chlorophenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34641	4-Chlorophenyl phenyl ether	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34320	Chrysene	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
73540	Diallate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34556	Dibenzo(a,h)anthracene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
81302	Dibenzofuran	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 1**

**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: F04030700

Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
34536	1,2-Dichlorobenzene	Grab	N	SW8270	4/9/2004	0.95	U	µg/L	0.95
34566	1,3-Dichlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34571	1,4-Dichlorobenzene	Grab	N	SW8270	4/9/2004	11		µg/L	1.0
34631	3,3'-Dichlorobenzidine	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
34601	2,4-Dichlorophenol	Grab	N	SW8270	4/9/2004	0.98	U	µg/L	0.98
77541	2,6-Dichlorophenol	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34336	Diethyl phthalate	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73558	p-Dimethylaminoazobenzene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73559	7,12-Dimethylbenz(a)anthracene	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
73560	3,3'-Dimethylbenzidine	Grab	N	SW8270	4/9/2004	2.3	U	µg/L	2.3
34606	2,4-Dimethylphenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
39110	Di-n-butyl phthalate	Grab	N	SW8270	4/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
	1,2-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
45622	1,3-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34616	2,4-Dinitrophenol	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
34611	2,4-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34626	2,6-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34596	Di-n-octyl phthalate	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34346	1,2-Diphenylhydrazine	Grab	N	SW8270	4/9/2004	0.94	U	µg/L	0.94
73571	Ethyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34376	Fluoranthene	Grab	N	SW8270	4/9/2004	0.53	U	µg/L	0.53
34381	Fluorene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
39700	Hexachlorobenzene	Grab	N	SW8270	4/9/2004	0.59	U	µg/L	0.59
34386	Hexachlorocyclopentadiene	Grab	N	SW8270	4/9/2004	3.6	U	µg/L	3.6
34396	Hexachloroethane	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73576	Hexachloropropene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34403	Indeno(1,2,3-cd)pyrene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39430	Isodrin	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34408	Isophorone	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73582	Isosafrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73589	Methapyrilene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 1**

**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: F04030700

Sample Number: F04030700-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
73595	Methyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73591	3-Methylcholanthrene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77416	2-Methylnaphthalene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77152	2-Methylphenol	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
77146	3&4-Methylphenol	Grab	N	SW8270	4/9/2004	2.2	U	µg/L	2.2
34696	Naphthalene	Grab	N	SW8270	4/9/2004	9.2	Q	µg/L	0.86
73600	1-Naphthylamine	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73601	2-Naphthylamine	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
73599	1,4-Napthoquinone	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
78142	2-Nitroaniline	Grab	N	SW8270	4/9/2004	1.6	U	µg/L	1.6
78300	3-Nitroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73605	4-Nitroaniline	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34447	Nitrobenzene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73622	5-Nitro-o-toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34591	2-Nitrophenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34646	4-Nitrophenol	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73611	N-Nitrosodiethylamine	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34438	N-Nitrosodimethylamine	Grab	N	SW8270	4/9/2004	0.63	U	µg/L	0.63
73609	N-Nitroso-di-n-butylamine	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34428	N-Nitroso-di-n-propylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34433	N-Nitrosodiphenylamine	Grab	N	SW8270	4/9/2004	0.67	U	µg/L	0.67
73613	N-Nitrosomethylethylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73619	N-Nitrosopiperidine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
78206	N-Nitrosopyrrolidine	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
77793	Pentachlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73626	Phenacetin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34461	Phenanthrene	Grab	N	SW8270	4/9/2004	0.73	U	µg/L	0.73
34694	Phenol	Grab	N	SW8270	4/9/2004	0.55	U	µg/L	0.55
73628	1,4-Phenylenediamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39080	Pronamide	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34469	Pyrene	Grab	N	SW8270	4/9/2004	0.72	U	µg/L	0.72
77545	Safrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77734	1,2,4,5-Tetrachlorobenzene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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: V Analyte detected in the associated Method Blank



**CCSWD Annual Leach I**

**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: F04030700

Sample Number: F04030700-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 8:25:00 AM
Well/Sampling Point WACS:	Leachate 1	Report Period:	Annual 2004
Well/Sampling Point Name:	3-24-04CCLEA1	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
77770	2,3,4,6/2,3,4,5-Tetrachlorophenol	Grab	N	SW8270	4/9/2004	3.8	U	µg/L	3.8
73553	Thionazin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77142	o-Toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34551	1,2,4-Trichlorobenzene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
77687	2,4,5-Trichlorophenol	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
34621	2,4,6-Trichlorophenol	Grab	N	SW8270	4/9/2004	0.93	U	µg/L	0.93
73652	o,o,o-Triethylphosphorothioate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73653	1,3,5-Trinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
<b>SUB</b>									
00615	Nitrogen, Nitrite	Grab	N	SM4500-	3/25/2004	0.012	I	mg/L	0.010

Data Qualifier Code Key:

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





## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 3-24-04CCLEA1
<b>Lab Order:</b> F04030700	<b>Collection Date:</b> 3/24/2004 8:25:00 AM
<b>Project:</b> CCSWD Annual Leach I	<b>Sample Description:</b> Leachate I
<b>Lab ID:</b> F04030700-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ALKALINITY AS CaCO3</b>		<b>SM2320 B</b>		<b>PrepDate:</b>		<b>Analyst: MMA</b>		
Alkalinity, Bicarbonate (As CaCO3)	1200		0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Carbonate (As CaCO3)	0.16	U	0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Total (As CaCO3)	1200		0.16	5.0	mg/L	1	03/30/04	R24580
<b>ANIONS BY ION CHROMATOGRAPHY</b>		<b>E300.0</b>		<b>PrepDate:</b>		<b>Analyst: ACO</b>		
Chloride	230		0.72	10	mg/L	20	03/30/04 01:07	R24524-B
Sulfate	0.26	U	0.26	2.5	mg/L	5	03/30/04 15:59	R24575-A
<b>CYANIDE, TOTAL</b>		<b>SW9012</b>		<b>PrepDate: 4/2/2004 10:00:00 A</b>		<b>Analyst: SST</b>		
Cyanide	0.0040	I	0.0027	0.010	mg/L	1	04/02/04 15:12	18401
<b>NITROGEN, AMMONIA</b>		<b>E350.1</b>		<b>PrepDate:</b>		<b>Analyst: SST</b>		
Nitrogen, Ammonia (As N)	120	V	0.040	0.20	mg/L	10	03/26/04 14:06	R24457
<b>NITROGEN, NITRATE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24604
<b>NITROGEN, NITRATE-NITRITE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate-Nitrite	0.017	I	0.010	0.040	mg/L	1	03/29/04	R24604
<b>PH</b>		<b>E150.1</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
pH	6.99	Q	0.100	0.100	pH units	1	03/24/04 16:20	R24604
<b>SOLIDS, TOTAL DISSOLVED</b>		<b>E160.1</b>		<b>PrepDate: 3/29/2004</b>		<b>Analyst: MMA</b>		
Solids, Total Dissolved	1500	*	1.2	5.0	mg/L	1	03/29/04	18267
<b>SULFIDE</b>		<b>SW9034</b>		<b>PrepDate:</b>		<b>Analyst: TSHE</b>		
Sulfide	0.54		0.32	0.10	mg/L	1	03/25/04	R24418
<b>ANTIMONY BY GFAA</b>		<b>SW7041</b>		<b>PrepDate: 3/26/2004 9:30:00 A</b>		<b>Analyst: TPE</b>		
Antimony	0.00035	U	0.00035	0.0030	mg/L	1	03/30/04 10:44	18238
<b>ICP METALS</b>		<b>SW6010</b>		<b>PrepDate: 3/26/2004 9:21:00 A</b>		<b>Analyst: JCO</b>		
Arsenic	0.025		0.0020	0.010	mg/L	1	03/26/04 19:42	18241
Barium	0.11		0.000074	0.010	mg/L	1	03/26/04 19:42	18241
Beryllium	0.00012	U	0.00012	0.0010	mg/L	1	03/26/04 19:42	18241
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	03/26/04 19:42	18241
Chromium	0.010		0.00060	0.0050	mg/L	1	03/26/04 19:42	18241
Cobalt	0.0085	I	0.0015	0.010	mg/L	1	03/26/04 19:42	18241
Copper	0.011		0.00058	0.0050	mg/L	1	03/26/04 19:42	18241
Iron	1.2	*	0.013	0.040	mg/L	1	03/26/04 19:42	18241

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:	V Analyte detected in the associated Method Blank		



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030700  
**Project:** CCSWD Annual Leach I  
**Lab ID:** F04030700-001

**Client Sample ID:** 3-24-04CCLEA1  
**Collection Date:** 3/24/2004 8:25:00 AM  
**Sample Description:** Leachate I  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ICP METALS</b>		<b>SW6010</b>		PrepDate: 3/28/2004 9:21:00 A		Analyst: JCO		
/ Lead	0.0018	U	0.0018	0.010	mg/L	1	03/26/04 19:42	18241
/ Nickel	0.023		0.0020	0.0050	mg/L	1	03/26/04 19:42	18241
/ Selenium	0.0040	U	0.0040	0.015	mg/L	1	03/26/04 19:42	18241
/ Silver	0.0014	U	0.0014	0.0050	mg/L	1	03/26/04 19:42	18241
/ Sodium	260		0.23	1.0	mg/L	1	03/26/04 19:42	18241
/ Tin	0.0027	U	0.0027	0.050	mg/L	1	03/26/04 19:42	18241
/ Vanadium	0.014		0.00040	0.010	mg/L	1	03/26/04 19:42	18241
/ Zinc	0.025		0.0023	0.020	mg/L	1	03/26/04 19:42	18241
<b>MERCURY</b>		<b>SW7470</b>		PrepDate: 3/31/2004 11:45:00		Analyst: TPE		
/ Mercury	0.000036	U	0.000036	0.00020	mg/L	1	04/01/04 09:04	18335
<b>THALLIUM BY GFAA</b>		<b>SW7841</b>		PrepDate: 3/28/2004 9:30:00 A		Analyst: TPE		
/ Thallium	0.00025	U	0.00025	0.0010	mg/L	1	03/30/04	18238
<b>8011: EDB AND DBCP</b>		<b>SW8011</b>		PrepDate: 3/31/2004 7:50:00 A		Analyst: EM		
/ 1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	04/01/04	18325
/ Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	04/01/04	18325
Surr: 4-Bromofluorobenzene	110		0		%REC	1	04/01/04	18325
<b>8081: PESTICIDES, ORGANOCHLORINE</b>		<b>SW8081</b>		PrepDate: 3/26/2004 8:30:00 A		Analyst: DVA		
/ Aldrin	0.010	U	0.010	0.0050	µg/L	1	03/29/04	18243
/ alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/29/04	18243
/ beta-BHC	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
/ delta-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
/ gamma-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
/ Chlordane	0.14	U	0.14	0.50	µg/L	1	03/29/04	18243
/ Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/29/04	18243
/ 4,4'-DDD	0.017	U	0.017	0.020	µg/L	1	03/29/04	18243
/ 4,4'-DDE	0.010	U	0.010	0.020	µg/L	1	03/29/04	18243
/ 4,4'-DDT	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
/ Dieldrin	0.0080	U	0.0080	0.0050	µg/L	1	03/29/04	18243
/ Endosulfan I	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
/ Endosulfan II	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
/ Endosulfan sulfate	0.012	U	0.012	0.020	µg/L	1	03/29/04	18243
/ Endrin	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
/ Endrin aldehyde	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
/ Heptachlor	0.0070	U	0.0070	0.020	µg/L	1	03/29/04	18243

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: V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030700  
 Project: CCSWD Annual Leach 1  
 Lab ID: F04030700-001

Client Sample ID: 3-24-04CCLEA1  
 Collection Date: 3/24/2004 8:25:00 AM  
 Sample Description: Leachate 1  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8081: PESTICIDES, ORGANOCHLORINE</b>		<b>SW8081</b>					PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
✓ Heptachlor epoxide	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
✓ Hexachlorobenzene	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
✓ Hexachlorocyclopentadiene	0.0060	U	0.0060	0.020	µg/L	1	03/29/04	18243
✓ Methoxychlor	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
✓ Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/29/04	18243
✓ Toxaphene	0.43	U	0.43	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	66.6		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	62.1		0		%REC	1	03/29/04	18243
<b>8082: POLYCHLORINATED BIPHENYLS</b>		<b>SW8082</b>					PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
✓ Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/29/04	18243
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	66.6		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	62.1		0		%REC	1	03/29/04	18243
<b>8141: PESTICIDES, ORGANOPHOSPHORUS</b>		<b>SW8141</b>					PrepDate: 3/25/2004 2:30:00 P	Analyst: JZV
✓ Chlorfenvinphos	0.22	U	0.22	0.51	µg/L	1	03/28/04	18191
✓ Dimethoate	0.14	U	0.14	0.51	µg/L	1	03/28/04	18191
✓ Disulfoton	0.20	U	0.20	0.51	µg/L	1	03/28/04	18191
✓ Famphur	0.22	U	0.22	0.51	µg/L	1	03/28/04	18191
✓ Parathion, Ethyl	0.34	U	0.34	1.0	µg/L	1	03/28/04	18191
✓ Parathion, Methyl	0.19	U	0.19	0.51	µg/L	1	03/28/04	18191
✓ Phorate	0.38	U	0.38	1.0	µg/L	1	03/28/04	18191
Surr: 4-Chloro-3-nitrobenzotrifluoride	128		0		%REC	1	03/28/04	18191
<b>8151: HERBICIDES, CHLORINATED BY GC</b>		<b>SW8151</b>					PrepDate: 3/26/2004 1:00:00 P	Analyst: EM
✓ 2,4-D	0.15	U	0.15	0.10	µg/L	1	04/02/04	18255
✓ Dinoseb	0.090	U	0.090	0.20	µg/L	1	04/02/04	18255
✓ Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	04/02/04	18255
✓ 2,4,5-T	0.020	U	0.020	0.20	µg/L	1	04/02/04	18255
✓ 2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	04/02/04	18255
Surr: DCAA	83.5		0		%REC	1	04/02/04	18255

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: V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030700  
 Project: CCSWD Annual Leach I  
 Lab ID: F04030700-001

Client Sample ID: 3-24-04CCLEA I  
 Collection Date: 3/24/2004 8:25:00 AM  
 Sample Description: Leachate I  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>					<b>PrepDate: 3/29/2004</b>	<b>Analyst: LGO</b>
/ Acetone	16	✓	0.91	10	µg/L	1	03/30/04 05:32	18313
/ Acetonitrile	2.4	U	2.4	10	µg/L	1	03/30/04 05:32	18313
/ Acrolein	2.0	U	2.0	10	µg/L	1	03/30/04 05:32	18313
/ Acrylonitrile	0.93	U	0.93	10	µg/L	1	03/30/04 05:32	18313
/ Allyl chloride	0.12	U	0.12	1.0	µg/L	1	03/30/04 05:32	18313
/ Benzene	7.3	U	0.31	1.0	µg/L	1	03/30/04 05:32	18313
/ Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	03/30/04 05:32	18313
/ Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	03/30/04 05:32	18313
/ Bromoform	0.11	U	0.11	1.0	µg/L	1	03/30/04 05:32	18313
/ Bromomethane	0.12	U	0.12	1.0	µg/L	1	03/30/04 05:32	18313
/ 2-Butanone	0.29	U	0.29	10	µg/L	1	03/30/04 05:32	18313
/ Carbon disulfide	0.25	U	0.25	1.0	µg/L	1	03/30/04 05:32	18313
/ Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	03/30/04 05:32	18313
/ Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	03/30/04 05:32	18313
/ Chloroethane	0.16	U	0.16	1.0	µg/L	1	03/30/04 05:32	18313
/ Chloroform	0.28	U	0.28	1.0	µg/L	1	03/30/04 05:32	18313
/ Chloromethane	0.31	U	0.31	1.0	µg/L	1	03/30/04 05:32	18313
/ Chloroprene	0.27	U	0.27	1.0	µg/L	1	03/30/04 05:32	18313
/ Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	03/30/04 05:32	18313
/ Dibromomethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 05:32	18313
/ trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	03/30/04 05:32	18313
/ Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,1-Dichloroethane	1.9	✓	0.30	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,2-Dichloroethane	0.68	✓	0.10	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	03/30/04 05:32	18313
/ cis-1,2-Dichloroethene	1.4	✓	0.15	1.0	µg/L	1	03/30/04 05:32	18313
/ trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	03/30/04 05:32	18313
/ 2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	03/30/04 05:32	18313
/ 1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	03/30/04 05:32	18313
/ cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	03/30/04 05:32	18313
/ trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	03/30/04 05:32	18313
/ Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	03/30/04 05:32	18313
/ Ethylbenzene	67	U	0.12	1.0	µg/L	1	03/30/04 05:32	18313
/ Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	03/30/04 05:32	18313

*Handwritten initials: N9/W*

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: V Analyte detected in the associated Method Blank

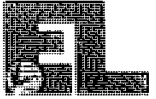


## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 3-24-04CCLEA1
<b>Lab Order:</b> F04030700	<b>Collection Date:</b> 3/24/2004 8:25:00 AM
<b>Project:</b> CCSWD Annual Leach 1	<b>Sample Description:</b> Leachate 1
<b>Lab ID:</b> F04030700-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>		<b>PrepDate: 3/29/2004</b>		<b>Analyst: LGO</b>		
✓ 2-Hexanone	0.26	U	0.26	10	µg/L	1	03/30/04 05:32	18313
✓ Iodomethane	0.38	U	0.38	1.0	µg/L	1	03/30/04 05:32	18313
✓ Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	03/30/04 05:32	18313
✓ Methacrylonitrile	0.71	U	0.71	10	µg/L	1	03/30/04 05:32	18313
✓ Methyl methacrylate	0.15	U	0.15	10	µg/L	1	03/30/04 05:32	18313
✓ 4-Methyl-2-pentanone	0.81	I	0.21	10	µg/L	1	03/30/04 05:32	18313
✓ Methylene chloride	0.26	U	0.26	5.0	µg/L	1	03/30/04 05:32	18313
✓ Propionitrile	1.8	U	1.8	10	µg/L	1	03/30/04 05:32	18313
✓ Styrene	0.17	U	0.17	1.0	µg/L	1	03/30/04 05:32	18313
✓ 1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 05:32	18313
✓ 1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	03/30/04 05:32	18313
✓ Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	03/30/04 05:32	18313
✓ Toluene	6.8	/	0.10	1.0	µg/L	1	03/30/04 05:32	18313
✓ 1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	03/30/04 05:32	18313
✓ 1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 05:32	18313
✓ Trichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 05:32	18313
✓ Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	03/30/04 05:32	18313
✓ 1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	03/30/04 05:32	18313
✓ Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	03/30/04 05:32	18313
✓ Vinyl chloride	1.4	/	0.14	1.0	µg/L	1	03/30/04 05:32	18313
✓ Xylenes, Total	150	/	0.29	1.0	µg/L	1	03/30/04 05:32	18313
Surr: 4-Bromofluorobenzene	103		0		%REC	1	03/30/04 05:32	18313
Surr: Dibromofluoromethane	106		0		%REC	1	03/30/04 05:32	18313
Surr: Toluene-d8	97.4		0		%REC	1	03/30/04 05:32	18313
Surr: 1,2-Dichloroethane-d4	117		0		%REC	1	03/30/04 05:32	18313
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>		<b>PrepDate: 3/26/2004 2:20:00 P</b>		<b>Analyst: TKA</b>		
✓ Kepone	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:52	18251
✓ Acenaphthene	0.80	U	0.80	5.0	µg/L	1	04/09/04 00:52	18251
✓ Acenaphthylene	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
✓ Acetophenone	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
✓ 2-Acetylaminofluorene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
✓ 4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	04/09/04 00:52	18251
✓ Anthracene	0.57	U	0.57	5.0	µg/L	1	04/09/04 00:52	18251
✓ Benzo(a)anthracene	0.64	U	0.64	5.0	µg/L	1	04/09/04 00:52	18251
✓ Benzo(a)pyrene	0.69	U	0.69	1.0	µg/L	1	04/09/04 00:52	18251

Data	* Value exceeds Maximum Contaminant Level	1	Analyte detected below quantitation limits
Qualifier	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
Code Key:	V Analyte detected in the associated Method Blank		

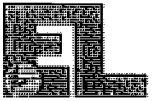


## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 3-24-04CCLEA1
<b>Lab Order:</b> F04030700	<b>Collection Date:</b> 3/24/2004 8:25:00 AM
<b>Project:</b> CCSWD Annual Leach I	<b>Sample Description:</b> Leachate I
<b>Lab ID:</b> F04030700-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>		<b>PrepDate: 3/26/2004 2:20:00 P</b>		<b>Analyst: TKA</b>		
✓ Benzo(b)fluoranthene	0.81	U	0.81	2.0	µg/L	1	04/09/04 00:52	18251
✓ Benzo(g,h,i)perylene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
✓ Benzo(k)fluoranthene	0.66	U	0.66	4.0	µg/L	1	04/09/04 00:52	18251
✓ Benzyl alcohol	0.65	U	0.65	5.0	µg/L	1	04/09/04 00:52	18251
✓ Bis(2-chloroethoxy)methane	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
✓ Bis(2-chloroethyl)ether	1.3	U	1.3	4.0	µg/L	1	04/09/04 00:52	18251
✓ Bis(2-chloroisopropyl)ether	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
✓ Bis(2-ethylhexyl)phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 00:52	18251
✓ 4-Bromophenyl phenyl ether	0.64	U	0.64	5.0	µg/L	1	04/09/04 00:52	18251
✓ Butyl benzyl phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 00:52	18251
✓ 4-Chloro-3-methylphenol - <i>p etloro m-2420</i>	1.8	U	1.8	20	µg/L	1	04/09/04 00:52	18251
- 4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
✓ 2-Chloronaphthalene	0.65	U	0.65	5.0	µg/L	1	04/09/04 00:52	18251
✓ 2-Chlorophenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
✓ 4-Chlorophenyl phenyl ether	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
✓ Chrysene	0.58	U	0.58	5.0	µg/L	1	04/09/04 00:52	18251
✓ Diallate	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
✓ Dibenzo(a,h)anthracene	0.85	U	0.85	2.0	µg/L	1	04/09/04 00:52	18251
✓ Dibenzofuran	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
✓ 1,2-Dichlorobenzene	0.95	U	0.95	5.0	µg/L	1	04/09/04 00:52	18251
✓ 1,3-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
✓ 1,4-Dichlorobenzene	1.1	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
✓ 3,3'-Dichlorobenzidine	0.58	U	0.58	10	µg/L	1	04/09/04 00:52	18251
✓ 2,4-Dichlorophenol	0.98	U	0.98	2.0	µg/L	1	04/09/04 00:52	18251
✓ 2,6-Dichlorophenol	1.2	U	1.2	4.0	µg/L	1	04/09/04 00:52	18251
✓ Diethyl phthalate	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:52	18251
✓ Dimethyl phthalate	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
✓ p-Dimethylaminoazobenzene	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
✓ 7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	04/09/04 00:52	18251
✓ 3,3'-Dimethylbenzidine	2.3	U	2.3	10	µg/L	1	04/09/04 00:52	18251
✓ 2,4-Dimethylphenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
✓ Di-n-butyl phthalate	0.70	U	0.70	5.0	µg/L	1	04/09/04 00:52	18251
✓ 4,6-Dinitro-2-methylphenol - <i>0.81</i>	1.1	U	1.1	20	µg/L	1	04/09/04 00:52	18251
- 1,2-Dinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
- 1,3-Dinitrobenzene	1.2	U	1.2	8.0	µg/L	1	04/09/04 00:52	18251
✓ 2,4-Dinitrophenol	2.0	U	2.0	20	µg/L	1	04/09/04 00:52	18251

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:	V Analyte detected in the associated Method Blank		



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030700  
**Project:** CCSWD Annual Leach 1  
**Lab ID:** F04030700-001

**Client Sample ID:** 3-24-04CCLEA1  
**Collection Date:** 3/24/2004 8:25:00 AM  
**Sample Description:** Leachate 1  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
2,4-Dinitrotoluene	1.4	U	1.4	2.0	µg/L	1	04/09/04 00:52	18251
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	04/09/04 00:52	18251
Di-n-octyl phthalate	0.69	U	0.69	5.0	µg/L	1	04/09/04 00:52	18251
1,2-Diphenylhydrazine	0.94	U	0.94	5.0	µg/L	1	04/09/04 00:52	18251
Ethyl methanesulfonate	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
Fluoranthene	0.53	U	0.53	5.0	µg/L	1	04/09/04 00:52	18251
Fluorene	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:52	18251
Hexachlorobenzene	0.59	U	0.59	1.0	µg/L	1	04/09/04 00:52	18251
Hexachlorocyclopentadiene	3.6	U	3.6	5.0	µg/L	1	04/09/04 00:52	18251
Hexachloroethane	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:52	18251
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:52	18251
Indeno(1,2,3-cd)pyrene	1.2	U	1.2	2.0	µg/L	1	04/09/04 00:52	18251
Isodrin	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
Isophorone	0.99	U	0.99	5.0	µg/L	1	04/09/04 00:52	18251
Isosafrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
Methapyrilene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
Methyl methanesulfonate	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:52	18251
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
2-Methylnaphthalene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
2-Methylphenol	1.5	U	1.5	5.0	µg/L	1	04/09/04 00:52	18251
3&4-Methylphenol	2.2	U	2.2	10	µg/L	1	04/09/04 00:52	18251
Naphthalene	9.2	U	0.86	5.0	µg/L	1	04/09/04 00:52	18251
1-Naphthylamine	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:52	18251
2-Naphthylamine	1.7	U	1.7	5.0	µg/L	1	04/09/04 00:52	18251
1,4-Napthoquinone	1.4	U	1.4	5.0	µg/L	1	04/09/04 00:52	18251
2-Nitroaniline	1.6	U	1.6	5.0	µg/L	1	04/09/04 00:52	18251
3-Nitroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
4-Nitroaniline	1.5	U	1.5	4.0	µg/L	1	04/09/04 00:52	18251
Nitrobenzene	1.4	U	1.4	4.0	µg/L	1	04/09/04 00:52	18251
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
2-Nitrophenol	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
4-Nitrophenol	0.99	U	0.99	20	µg/L	1	04/09/04 00:52	18251
N-Nitrosodiethylamine	1.5	U	1.5	4.0	µg/L	1	04/09/04 00:52	18251
N-Nitrosodimethylamine	0.63	U	0.63	2.0	µg/L	1	04/09/04 00:52	18251
N-Nitroso-di-n-butylamine	1.0	U	1.0	4.0	µg/L	1	04/09/04 00:52	18251
N-Nitroso-di-n-propylamine	1.2	U	1.2	4.0	µg/L	1	04/09/04 00:52	18251

**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:** V Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County

**Client Sample ID:** 3-24-04CCLEA1

**Lab Order:** F04030700

**Collection Date:** 3/24/2004 8:25:00 AM

**Project:** CCSWD Annual Leach 1

**Sample Description:** Leachate 1

**Lab ID:** F04030700-001

**Matrix:** Groundwater

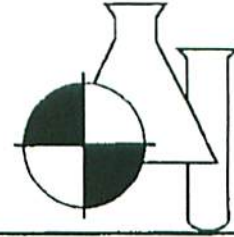
Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>		PrepDate: 3/26/2004 2:20:00 P			Analyst: TKA	
/ N-Nitrosodiphenylamine	0.67	U	0.67	5.0	µg/L	1	04/09/04 00:52	18251
/ N-Nitrosomethylethylamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
/ N-Nitrosopiperidine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
/ N-Nitrosopyrrolidine	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
/ Pentachlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
/ Phenacetin	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
/ Phenanthrene	0.73	U	0.73	5.0	µg/L	1	04/09/04 00:52	18251
/ Phenol	0.55	U	0.55	5.0	µg/L	1	04/09/04 00:52	18251
/ 1,4-Phenylenediamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
/ Pronamide	1.1	U	1.1	5.0	µg/L	1	04/09/04 00:52	18251
/ Pyrene	0.72	U	0.72	5.0	µg/L	1	04/09/04 00:52	18251
/ Safrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
/ 1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
/ 2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	04/09/04 00:52	18251
/ Thionazin	1.0	U	1.0	5.0	µg/L	1	04/09/04 00:52	18251
/ o-Toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
/ 1,2,4-Trichlorobenzene	0.85	U	0.85	5.0	µg/L	1	04/09/04 00:52	18251
/ 2,4,5-Trichlorophenol	1.7	U	1.7	4.0	µg/L	1	04/09/04 00:52	18251
/ 2,4,6-Trichlorophenol	0.93	U	0.93	2.0	µg/L	1	04/09/04 00:52	18251
/ o,o-Triethylphosphorothioate	1.3	U	1.3	5.0	µg/L	1	04/09/04 00:52	18251
/ 1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 00:52	18251
Surr: 2-Fluorobiphenyl	90.7		0		%REC	1	04/09/04 00:52	18251
Surr: 2-Fluorophenol	36.9		0		%REC	1	04/09/04 00:52	18251
Surr: Nitrobenzene-d5	86.4		0		%REC	1	04/09/04 00:52	18251
Surr: Phenol-d6	24.0		0		%REC	1	04/09/04 00:52	18251
Surr: p-Terphenyl-d14	103		0		%REC	1	04/09/04 00:52	18251
Surr: 2,4,6-Tribromophenol	83.5		0		%REC	1	04/09/04 00:52	18251
<b>NITROGEN, NITRITE (SUBCONTRACT)</b>		<b>SM4500-NO2 B</b>		PrepDate:			Analyst: SUB	
Nitrogen, Nitrite	0.012	I	0.010	0.040	mg/L	1	03/25/04 08:55	R24604

<b>Data</b>	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V Analyte detected in the associated Method Blank		



# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

Submission Number 4030775

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

Project Name: ANNUAL LEACH 1  
Date Received: 03/24/2004  
Time Received: 1605

Attn: Jamie Rexroat

F04030700

Submission Number 4030775

Sample Number: 1      Sample Description: C C L E A  
Sample Date: 03/24/2004      Sample Method: Grab  
Sample Time: 0825

Parameter	Result	Units	Detection Limit	Procedure	Analysis		Analyst
					Date	Time	
PH	6.99	UNITS	0.1	150.1	03/24/2003	16:20	TB
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	03/25/2004	08:55	KJG
NITRATE+NITRITE	0.017 I	MG/L	0.01	353.2	03/29/2004		KJG
NITRITE NITROGEN	0.012 I	MG/L	0.01	SM4500NO2B	03/25/2004	08:55	KJG



D.E.P.  
 JUN 17 2004  
 Southwest District Tampa

**CCSWD Annual Leach 2**

**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: F04030704

Sample Number: F04030704-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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	Analysis Q	Units	Detection Limits
<b>INORGANICS</b>									
00403	pH	Grab	N	E150.1	3/24/2004	7.22	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	3/29/2004	2800		mg/L	1.2
00940	Chloride	Grab	N	E300.0	3/30/2004	600		mg/L	1.8
00945	Sulfate	Grab	N	E300.0	3/30/2004	3.0		mg/L	0.26
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	3/26/2004	0.20	U	mg/L	0.20
00620	Nitrogen, Nitrate	Grab	N	E353.2	3/25/2004	0.010	U	mg/L	0.010
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	3/29/2004	0.010	U	mg/L	0.010
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	2500		mg/L	0.16
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	0.16	U	mg/L	0.16
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	3/30/2004	2500		mg/L	0.16
00720	Cyanide	Grab	N	SW9012	4/2/2004	0.0050	I	mg/L	0.0027
00745	Sulfide	Grab	N	SW9034	3/25/2004	5.2		mg/L	1.6
<b>METALS</b>									
01002	Arsenic	Grab	N	SW6010	3/26/2004	54		µg/L	2.0
01007	Barium	Grab	N	SW6010	3/26/2004	76		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	3/26/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	3/26/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	3/26/2004	72		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	3/26/2004	17		µg/L	1.5
01042	Copper	Grab	N	SW6010	3/26/2004	82		µg/L	0.58
01045	Iron	Grab	N	SW6010	3/26/2004	2500		µg/L	13
01051	Lead	Grab	N	SW6010	3/26/2004	2.2	I	µg/L	1.8
01067	Nickel	Grab	N	SW6010	3/26/2004	29		µg/L	2.0
01147	Selenium	Grab	N	SW6010	3/26/2004	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	3/26/2004	1.4	U	µg/L	1.4
00929	Sodium	Grab	N	SW6010	3/29/2004	640000		µg/L	460
01102	Tin	Grab	N	SW6010	3/26/2004	2.7	U	µg/L	2.7
01087	Vanadium	Grab	N	SW6010	3/26/2004	39		µg/L	0.40
01092	Zinc	Grab	N	SW6010	3/26/2004	20	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	3/30/2004	0.47	I	µg/L	0.35
71900	Mercury	Grab	N	SW7470	4/1/2004	0.036	U	µg/L	0.036

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

**CCSWD Annual Leach 2**  
**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: F04030704

Sample Number: F04030704-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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
01059	Thallium	Grab	N	SW7841	3/30/2004	0.25	U	µg/L	0.25
<b>ORGANICS</b>									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	4/1/2004	0.0041	U	µg/L	0.0041
77651	Ethylene Dibromide	Grab	N	SW8011	4/1/2004	0.0038	U	µg/L	0.0038
39330	Aldrin	Grab	N	SW8081	3/30/2004	0.060	U	µg/L	0.010
39337	alpha-BHC	Grab	N	SW8081	3/30/2004	0.0040	U	µg/L	0.0040
39338	beta-BHC	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
46323	delta-BHC	Grab	N	SW8081	3/30/2004	0.0050	U	µg/L	0.0050
39340	gamma-BHC	Grab	N	SW8081	3/30/2004	0.0050	U	µg/L	0.0050
39350	Chlordane	Grab	N	SW8081	3/30/2004	0.14	U	µg/L	0.14
39460	Chlorobenzilate	Grab	N	SW8081	3/30/2004	0.080	U	µg/L	0.080
39360	4,4'-DDD	Grab	N	SW8081	3/30/2004	0.060	U	µg/L	0.017
39365	4,4'-DDE	Grab	N	SW8081	3/30/2004	0.010	U	µg/L	0.010
39370	4,4'-DDT	Grab	N	SW8081	3/30/2004	0.064	U	µg/L	0.013
39380	Dieldrin	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
34361	Endosulfan I	Grab	N	SW8081	3/30/2004	0.0090	U	µg/L	0.0090
34356	Endosulfan II	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
34351	Endosulfan sulfate	Grab	N	SW8081	3/30/2004	0.012	U	µg/L	0.012
39390	Endrin	Grab	N	SW8081	3/30/2004	0.013	U	µg/L	0.013
34366	Endrin aldehyde	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
39410	Heptachlor	Grab	N	SW8081	3/30/2004	0.0070	U	µg/L	0.0070
39420	Heptachlor epoxide	Grab	N	SW8081	3/30/2004	0.0080	U	µg/L	0.0080
39700	Hexachlorobenzene	Grab	N	SW8081	3/30/2004	0.0090	U	µg/L	0.0090
34386	Hexachlorocyclopentadiene	Grab	N	SW8081	3/30/2004	0.0060	U	µg/L	0.0060
39480	Methoxychlor	Grab	N	SW8081	3/30/2004	0.011	U	µg/L	0.011
81316	Pentachloronitrobenzene	Grab	N	SW8081	3/30/2004	0.027	U	µg/L	0.027
39400	Toxaphene	Grab	N	SW8081	3/30/2004	0.43	U	µg/L	0.43
34671	Aroclor 1016	Grab	N	SW8082	3/30/2004	0.10	U	µg/L	0.10
39488	Aroclor 1221	Grab	N	SW8082	3/30/2004	0.16	U	µg/L	0.16
39492	Aroclor 1232	Grab	N	SW8082	3/30/2004	0.11	U	µg/L	0.11
39496	Aroclor 1242	Grab	N	SW8082	3/30/2004	0.16	U	µg/L	0.16
39500	Aroclor 1248	Grab	N	SW8082	3/30/2004	0.13	U	µg/L	0.13

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



**CCSWD Annual Leach 2**

**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: F04030704

Sample Number: F04030704-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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
39504	Aroclor 1254	Grab	N	SW8082	3/30/2004	0.10	U	µg/L	0.10
39508	Aroclor 1260	Grab	N	SW8082	3/30/2004	0.11	U	µg/L	0.11
	Chlorfenvinphos	Grab	N	SW8141	3/28/2004	0.23	U	µg/L	0.23
46314	Dimethoate	Grab	N	SW8141	3/28/2004	0.14	U	µg/L	0.14
81888	Disulfoton	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
38462	Famphur	Grab	N	SW8141	3/28/2004	0.23	U	µg/L	0.23
39540	Parathion, Ethyl	Grab	N	SW8141	3/28/2004	0.35	U	µg/L	0.35
39600	Parathion, Methyl	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
46313	Phorate	Grab	N	SW8141	3/28/2004	0.38	U	µg/L	0.38
39730	2,4-D	Grab	N	SW8151	4/2/2004	0.15	U	µg/L	0.15
81287	Dinoseb	Grab	N	SW8151	4/2/2004	0.090	U	µg/L	0.090
39032	Pentachlorophenol	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
39740	2,4,5-T	Grab	N	SW8151	4/2/2004	0.020	U	µg/L	0.020
39760	2,4,5-TP (Silvax)	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
81552	Acetone	Grab	N	SW8260	4/3/2004	✓37		µg/L	0.91
76997	Acetonitrile	Grab	N	SW8260	4/3/2004	2.4	U	µg/L	2.4
34210	Acrolein	Grab	N	SW8260	4/3/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile	Grab	N	SW8260	4/3/2004	0.93	U	µg/L	0.93
78109	Allyl chloride	Grab	N	SW8260	4/3/2004	0.12	U	µg/L	0.12
34030	Benzene	Grab	N	SW8260	4/3/2004	✓4.6		µg/L	0.31
73085	Bromochloromethane	Grab	N	SW8260	4/3/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane	Grab	N	SW8260	4/3/2004	0.10	U	µg/L	0.10
32104	Bromofom	Grab	N	SW8260	4/3/2004	0.11	U	µg/L	0.11
34413	Bromomethane	Grab	N	SW8260	4/3/2004	0.12	U	µg/L	0.12
81595	2-Butanone	Grab	N	SW8260	4/3/2004	37		µg/L	0.29
77041	Carbon disulfide	Grab	N	SW8260	4/3/2004	0.25	U	µg/L	0.25
32102	Carbon tetrachloride	Grab	N	SW8260	4/3/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene	Grab	N	SW8260	4/3/2004	0.10	U	µg/L	0.10
34311	Chloroethane	Grab	N	SW8260	4/3/2004	0.16	U	µg/L	0.16
32106	Chloroform	Grab	N	SW8260	4/3/2004	0.28	U	µg/L	0.28
34418	Chloromethane	Grab	N	SW8260	4/3/2004	0.31	U	µg/L	0.31
81520	Chloroprene	Grab	N	SW8260	4/3/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane	Grab	N	SW8260	4/3/2004	0.16	U	µg/L	0.16

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

CCSWD Annual Leach 2

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: F04030704

Sample Number: F04030704-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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			Detection Limits
						Result	Q	Units	
77596	Dibromomethane	Grab	N	SW8260	4/3/2004	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	4/3/2004	0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane	Grab	N	SW8260	4/3/2004	0.52	U	µg/L	0.52
34496	1,1-Dichloroethane	Grab	N	SW8260	4/3/2004	√1.2		µg/L	0.30
34531	1,2-Dichloroethane	Grab	N	SW8260	4/3/2004	0.10	U	µg/L	0.10
34501	1,1-Dichloroethene	Grab	N	SW8260	4/3/2004	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	4/3/2004	10 0.52	I	µg/L	0.15
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	4/3/2004	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane	Grab	N	SW8260	4/3/2004	0.12	U	µg/L	0.12
77173	1,3-Dichloropropane	Grab	N	SW8260	4/3/2004	0.50	U	µg/L	0.50
77170	2,2-Dichloropropane	Grab	N	SW8260	4/3/2004	0.10	U	µg/L	0.10
77168	1,1-Dichloropropene	Grab	N	SW8260	4/3/2004	0.060	U	µg/L	0.060
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	4/3/2004	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	4/3/2004	0.11	U	µg/L	0.11
73570	Ethyl methacrylate	Grab	N	SW8260	4/3/2004	0.48	U	µg/L	0.48
34371	Ethylbenzene	Grab	N	SW8260	4/3/2004	50		µg/L	0.12
34391	Hexachlorobutadiene	Grab	N	SW8260	4/3/2004	0.34	U	µg/L	0.34
77103	2-Hexanone	Grab	N	SW8260	4/3/2004	0.26	U	µg/L	0.26
77424	Iodomethane	Grab	N	SW8260	4/3/2004	0.38	U	µg/L	0.38
77033	Isobutyl Alcohol	Grab	N	SW8260	4/3/2004	2.7	U	µg/L	2.7
81593	Methacrylonitrile	Grab	N	SW8260	4/3/2004	0.71	U	µg/L	0.71
81597	Methyl methacrylate	Grab	N	SW8260	4/3/2004	0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone	Grab	N	SW8260	4/3/2004	5.4	I	µg/L	0.21
34423	Methylene chloride	Grab	N	SW8260	4/3/2004	0.26	U	µg/L	0.26
77007	Propionitrile	Grab	N	SW8260	4/3/2004	1.8	U	µg/L	1.8
77128	Styrene	Grab	N	SW8260	4/3/2004	100 3.3		µg/L	0.17
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	4/3/2004	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	4/3/2004	0.11	U	µg/L	0.11
34475	Tetrachloroethene	Grab	N	SW8260	4/3/2004	0.11	U	µg/L	0.11
34010	Toluene	Grab	N	SW8260	4/3/2004	√4.0		µg/L	0.10
34506	1,1,1-Trichloroethane	Grab	N	SW8260	4/3/2004	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane	Grab	N	SW8260	4/3/2004	0.13	U	µg/L	0.13
39180	Trichloroethene	Grab	N	SW8260	4/3/2004	0.15	U	µg/L	0.15

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

**CCSWD Annual Leach 2**  
**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: F04030704

Sample Number: F04030704-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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			Detection Limits
						Result	Q	Units	
34488	Trichlorofluoromethane	Grab	N	SW8260	4/3/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane	Grab	N	SW8260	4/3/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	4/3/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride	Grab	N	SW8260	4/3/2004	0.14	U	µg/L	0.14
34020	Xylenes, Total	Grab	N	SW8260	4/3/2004	✓88		µg/L	0.29
	Kepone	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34205	Acenaphthene	Grab	N	SW8270	4/9/2004	0.80	U	µg/L	0.80
34200	Acenaphthylene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
81553	Acetophenone	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
82204	2-Acetylaminofluorene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
77581	4-Aminobiphenyl	Grab	N	SW8270	4/9/2004	2.8	U	µg/L	2.8
34220	Anthracene	Grab	N	SW8270	4/9/2004	0.57	U	µg/L	0.57
34526	Benzo(a)anthracene	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34247	Benzo(a)pyrene	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34230	Benzo(b)fluoranthene	Grab	N	SW8270	4/9/2004	0.81	U	µg/L	0.81
34521	Benzo(g,h,i)perylene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34242	Benzo(k)fluoranthene	Grab	N	SW8270	4/9/2004	0.66	U	µg/L	0.66
77147	Benzyl alcohol	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34278	Bis(2-chloroethoxy)methane	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34273	Bis(2-chloroethyl)ether	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73522	Bis(2-chloroisopropyl)ether	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
39100	Bis(2-ethylhexyl)phthalate	Grab	N	SW8270	4/9/2004	0.99	I	µg/L	0.78
34636	4-Bromophenyl phenyl ether	Grab	N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34292	Butyl benzyl phthalate	Grab	N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34452	4-Chloro-3-methylphenol	Grab	N	SW8270	4/9/2004	1.8	U	µg/L	1.8
73529	4-Chloroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34581	2-Chloronaphthalene	Grab	N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34586	2-Chlorophenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34641	4-Chlorophenyl phenyl ether	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34320	Chrysene	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
73540	Diallate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34556	Dibenzo(a,h)anthracene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
81302	Dibenzofuran	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1

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



**CCSWD Annual Leach 2**  
**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:** F04030704  
**Sample Number:** F04030704-001

<b>Facility WACS:</b>	4058C02034	<b>Sample Date/Time:</b>	3/24/2004 9:20:00 AM
<b>Well/Sampling Point WACS:</b>	Leachate 2	<b>Report Period:</b>	Annual 2004
<b>Well/Sampling Point Name:</b>	032404CCLEA2	<b>Well Purged:</b>	YES
<b>Classification of Groundwater:</b>	G-II	<b>Well Type:</b>	Leachate
<b>Ground Water Elevation: (NGVD):</b>			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34536	1,2-Dichlorobenzene	Grab	N	SW8270	4/9/2004	0.95	U	µg/L	0.95
34566	1,3-Dichlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34571	1,4-Dichlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34631	3,3'-Dichlorobenzidine	Grab	N	SW8270	4/9/2004	0.58	U	µg/L	0.58
34601	2,4-Dichlorophenol	Grab	N	SW8270	4/9/2004	0.98	U	µg/L	0.98
77541	2,6-Dichlorophenol	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34336	Diethyl phthalate	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73558	p-Dimethylaminoazobenzene	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73559	7,12-Dimethylbenz(a)anthracene	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
73560	3,3'-Dimethylbenzidine	Grab	N	SW8270	4/9/2004	2.3	U	µg/L	2.3
34606	2,4-Dimethylphenol	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
39110	Di-n-butyl phthalate	Grab	N	SW8270	4/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
	1,2-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
45622	1,3-Dinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34616	2,4-Dinitrophenol	Grab	N	SW8270	4/9/2004	2.0	U	µg/L	2.0
34611	2,4-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34626	2,6-Dinitrotoluene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34596	Di-n-octyl phthalate	Grab	N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34346	1,2-Diphenylhydrazine	Grab	N	SW8270	4/9/2004	0.94	U	µg/L	0.94
73571	Ethyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34376	Fluoranthene	Grab	N	SW8270	4/9/2004	0.53	U	µg/L	0.53
34381	Fluorene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
39700	Hexachlorobenzene	Grab	N	SW8270	4/9/2004	0.59	U	µg/L	0.59
34386	Hexachlorocyclopentadiene	Grab	N	SW8270	4/9/2004	3.6	U	µg/L	3.6
34396	Hexachloroethane	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73576	Hexachloropropene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34403	Indeno(1,2,3-cd)pyrene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39430	Isodrin	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34408	Isophorone	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73582	Isosafrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73589	Methapyrilene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	<b>I</b>	Analyte detected below quantitation limits
<b>Qualifier</b>	Q	Holding times for preparation or analysis exceeded	<b>S</b>	Spike Recovery outside accepted recovery limits
<b>Code Key:</b>	U	Not Detected Above the MDL		

CCSWD Annual Leach 2

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: F04030704

Sample Number: F04030704-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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
73595	Methyl methanesulfonate	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73591	3-Methylcholanthrene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77416	2-Methylnaphthalene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77152	2-Methylphenol	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
77146	3&4-Methylphenol	Grab	N	SW8270	4/9/2004	2.2	U	µg/L	2.2
34696	Naphthalene	Grab	N	SW8270	4/9/2004	7.4	U	µg/L	0.86
73600	1-Naphthylamine	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73601	2-Naphthylamine	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
73599	1,4-Napthoquinone	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
78142	2-Nitroaniline	Grab	N	SW8270	4/9/2004	1.6	U	µg/L	1.6
78300	3-Nitroaniline	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73605	4-Nitroaniline	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34447	Nitrobenzene	Grab	N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73622	5-Nitro-o-toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34591	2-Nitrophenol	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34646	4-Nitrophenol	Grab	N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73611	N-Nitrosodiethylamine	Grab	N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34438	N-Nitrosodimethylamine	Grab	N	SW8270	4/9/2004	0.63	U	µg/L	0.63
73609	N-Nitroso-di-n-butylamine	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34428	N-Nitroso-di-n-propylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34433	N-Nitrosodiphenylamine	Grab	N	SW8270	4/9/2004	0.67	U	µg/L	0.67
73613	N-Nitrosomethylethylamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73619	N-Nitrosopiperidine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
78206	N-Nitrosopyrrolidine	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
77793	Pentachlorobenzene	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73626	Phenacetin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34461	Phenanthrene	Grab	N	SW8270	4/9/2004	0.73	U	µg/L	0.73
34694	Phenol	Grab	N	SW8270	4/9/2004	0.55	U	µg/L	0.55
73628	1,4-Phenylenediamine	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39080	Pronamide	Grab	N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34469	Pyrene	Grab	N	SW8270	4/9/2004	0.72	U	µg/L	0.72
77545	Safrrole	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77734	1,2,4,5-Tetrachlorobenzene	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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





**CCSWD Annual Leach 2**

**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: F04030704

Sample Number: F04030704-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 9:20:00 AM
Well/Sampling Point WACS:	Leachate 2	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CCLEA2	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
77770	2,3,4,6/2,3,4,5-Tetrachlorophenol	Grab	N	SW8270	4/9/2004	3.8	U	µg/L	3.8
73553	Thionazin	Grab	N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77142	o-Toluidine	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34551	1,2,4-Trichlorobenzene	Grab	N	SW8270	4/9/2004	0.85	U	µg/L	0.85
77687	2,4,5-Trichlorophenol	Grab	N	SW8270	4/9/2004	1.7	U	µg/L	1.7
34621	2,4,6-Trichlorophenol	Grab	N	SW8270	4/9/2004	0.93	U	µg/L	0.93
73652	o,o,o-Triethylphosphorothioate	Grab	N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73653	1,3,5-Trinitrobenzene	Grab	N	SW8270	4/9/2004	1.2	U	µg/L	1.2
<b>SUB</b>									
00615	Nitrogen, Nitrite	Grab	N	SM4500-	3/25/2004	0.010	U	mg/L	0.010

Data Qualifier Code Key:

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



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030704  
Project: CCSWD Annual Leach 2  
Lab ID: F04030704-001

Client Sample ID: 032404CCLEA2  
Collection Date: 3/24/2004 9:20:00 AM  
Sample Description: Leachate 2  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ALKALINITY AS CaCO3</b>		<b>SM2320 B</b>					PrepDate:	Analyst: MMA
Alkalinity, Bicarbonate (As CaCO3)	2500		0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Carbonate (As CaCO3)	0.16	U	0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Total (As CaCO3)	2500		0.16	5.0	mg/L	1	03/30/04	R24580
<b>ANIONS BY ION CHROMATOGRAPHY</b>		<b>E300.0</b>					PrepDate:	Analyst: ACO
Chloride	600	*	1.8	25	mg/L	50	03/30/04 01:38	r24524-B
Sulfate	3.0		0.26	2.5	mg/L	5	03/30/04 16:14	r24575-A
<b>CYANIDE, TOTAL</b>		<b>SW9012</b>					PrepDate: 4/2/2004 10:00:00 A	Analyst: SST
Cyanide	0.0050	I	0.0027	0.010	mg/L	1	04/02/04 15:55	18401
<b>NITROGEN, AMMONIA</b>		<b>E350.1</b>					PrepDate:	Analyst: SST
Nitrogen, Ammonia (As N)	0.20	U	0.20	1.0	mg/L	50	03/26/04 15:05	R24457
<b>NITROGEN, NITRATE</b>		<b>E353.2</b>					PrepDate:	Analyst: SUB
Nitrogen, Nitrate	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24606
<b>NITROGEN, NITRATE-NITRITE</b>		<b>E353.2</b>					PrepDate:	Analyst: SUB
Nitrogen, Nitrate-Nitrite	0.010	U	0.010	0.040	mg/L	1	03/29/04	R24606
<b>PH</b>		<b>E150.1</b>					PrepDate:	Analyst: SUB
pH	7.22	Q	0.100	0.100	pH units	1	03/24/04 16:20	R24606
<b>SOLIDS, TOTAL DISSOLVED</b>		<b>E160.1</b>					PrepDate: 3/29/2004	Analyst: MMA
Solids, Total Dissolved	2800	*	1.2	5.0	mg/L	1	03/29/04	18267
<b>SULFIDE</b>		<b>SW9034</b>					PrepDate:	Analyst: TSHE
Sulfide	5.2		1.6	0.50	mg/L	5	03/25/04	R24418
<b>ANTIMONY BY GFAA</b>		<b>SW7041</b>					PrepDate: 3/26/2004 9:30:00 A	Analyst: TPE
Antimony	0.00047	I	0.00035	0.0030	mg/L	1	03/30/04 10:44	18238
<b>ICP METALS</b>		<b>SW6010</b>					PrepDate: 3/26/2004 9:21:00 A	Analyst: JCO
Arsenic	0.054	*	0.0020	0.010	mg/L	1	03/26/04 19:49	18241
Barium	0.076		0.000074	0.010	mg/L	1	03/26/04 19:49	18241
Beryllium	0.00012	U	0.00012	0.0010	mg/L	1	03/26/04 19:49	18241
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	03/26/04 19:49	18241
Chromium	0.072		0.00060	0.0050	mg/L	1	03/26/04 19:49	18241
Cobalt	0.017		0.0015	0.010	mg/L	1	03/26/04 19:49	18241
Copper	0.082		0.00058	0.0050	mg/L	1	03/26/04 19:49	18241
Iron	2.5	*	0.013	0.040	mg/L	1	03/26/04 19:49	18241

Data \* Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits  
 Qualifier L Value above quantitation range Q Holding times for preparation or analysis exceeded  
 Code Key: S Spike Recovery outside accepted recovery limits U Not Detected Above the MDL



## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 032404CCLEA2
<b>Lab Order:</b> F04030704	<b>Collection Date:</b> 3/24/2004 9:20:00 AM
<b>Project:</b> CCSWD Annual Leach 2	<b>Sample Description:</b> Leachate 2
<b>Lab ID:</b> F04030704-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ICP METALS</b>		<b>SW6010</b>		<b>PrepDate: 3/26/2004 9:21:00 A</b>		<b>Analyst: JCO</b>		
Lead	0.0022	I	0.0018	0.010	mg/L	1	03/26/04 19:49	18241
Nickel	0.029		0.0020	0.0050	mg/L	1	03/26/04 19:49	18241
Selenium	0.0040	U	0.0040	0.015	mg/L	1	03/26/04 19:49	18241
Silver	0.0014	U	0.0014	0.0050	mg/L	1	03/26/04 19:49	18241
Sodium	640	*	0.46	2.0	mg/L	2	03/29/04 17:06	18241
Tin	0.0027	U	0.0027	0.050	mg/L	1	03/26/04 19:49	18241
Vanadium	0.039		0.00040	0.010	mg/L	1	03/26/04 19:49	18241
Zinc	0.020	I	0.0023	0.020	mg/L	1	03/26/04 19:49	18241
<b>MERCURY</b>		<b>SW7470</b>		<b>PrepDate: 3/31/2004 11:45:00</b>		<b>Analyst: TPE</b>		
Mercury	0.000036	U	0.000036	0.00020	mg/L	1	04/01/04 09:04	18335
<b>THALLIUM BY GFAA</b>		<b>SW7841</b>		<b>PrepDate: 3/26/2004 9:30:00 A</b>		<b>Analyst: TPE</b>		
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	03/30/04	18238
<b>8011: EDB AND DBCP</b>		<b>SW8011</b>		<b>PrepDate: 3/31/2004 7:50:00 A</b>		<b>Analyst: EM</b>		
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	04/01/04	18325
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	04/01/04	18325
Surr: 4-Bromofluorobenzene	112		0		%REC	1	04/01/04	18325
<b>8081: PESTICIDES, ORGANOCHLORINE</b>		<b>SW8081</b>		<b>PrepDate: 3/26/2004 8:30:00 A</b>		<b>Analyst: DVA</b>		
Aldrin	0.060		0.010	0.0050	µg/L	1	03/30/04	18243
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/30/04	18243
beta-BHC	0.0080	U	0.0080	0.020	µg/L	1	03/30/04	18243
delta-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/30/04	18243
gamma-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/30/04	18243
Chlordane	0.14	U	0.14	0.50	µg/L	1	03/30/04	18243
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/30/04	18243
4,4'-DDD	0.060		0.017	0.020	µg/L	1	03/30/04	18243
4,4'-DDE	0.010	U	0.010	0.020	µg/L	1	03/30/04	18243
4,4'-DDT	0.064		0.013	0.020	µg/L	1	03/30/04	18243
Dieldrin	0.0080	U	0.0080	0.0050	µg/L	1	03/30/04	18243
Endosulfan I	0.0090	U	0.0090	0.020	µg/L	1	03/30/04	18243
Endosulfan II	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Endosulfan sulfate	0.012	U	0.012	0.020	µg/L	1	03/30/04	18243
Endrin	0.013	U	0.013	0.020	µg/L	1	03/30/04	18243
Endrin aldehyde	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Heptachlor	0.0070	U	0.0070	0.020	µg/L	1	03/30/04	18243

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	L	Value above quantitation range	Q	Holding times for preparation or analysis exceeded
<b>Code Key:</b>	S	Spike Recovery outside accepted recovery limits	U	Not Detected Above the MDL



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030704  
Project: CCSWD Annual Leach 2  
Lab ID: F04030704-001

Client Sample ID: 032404CCLEA2  
Collection Date: 3/24/2004 9:20:00 AM  
Sample Description: Leachate 2  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8081: PESTICIDES, ORGANOCHLORINE</b>			<b>SW8081</b>				PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
Heptachlor epoxide	0.0080	U	0.0080	0.020	µg/L	1	03/30/04	18243
Hexachlorobenzene	0.0090	U	0.0090	0.020	µg/L	1	03/30/04	18243
Hexachlorocyclopentadiene	0.0060	U	0.0060	0.020	µg/L	1	03/30/04	18243
Methoxychlor	0.011	U	0.011	0.020	µg/L	1	03/30/04	18243
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/30/04	18243
Toxaphene	0.43	U	0.43	0.50	µg/L	1	03/30/04	18243
Surr: Decachlorobiphenyl	26.9		0		%REC	1	03/30/04	18243
Surr: Tetrachloro-m-xylene	42.9		0		%REC	1	03/30/04	18243
<b>8082: POLYCHLORINATED BIPHENYLS</b>			<b>SW8082</b>				PrepDate: 3/26/2004 8:30:00 A	Analyst: DVA
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/30/04	18243
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/30/04	18243
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/30/04	18243
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/30/04	18243
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/30/04	18243
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/30/04	18243
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/30/04	18243
Surr: Decachlorobiphenyl	31.5		0		%REC	1	03/30/04	18243
Surr: Tetrachloro-m-xylene	499	LS	0		%REC	1	03/30/04	18243
<b>8141: PESTICIDES, ORGANOPHOSPHORUS</b>			<b>SW8141</b>				PrepDate: 3/25/2004 2:30:00 P	Analyst: JZV
Chlorfenvinphos	0.23	U	0.23	0.51	µg/L	1	03/28/04	18191
Dimethoate	0.14	U	0.14	0.51	µg/L	1	03/28/04	18191
Disulfoton	0.20	U	0.20	0.51	µg/L	1	03/28/04	18191
Famphur	0.23	U	0.23	0.51	µg/L	1	03/28/04	18191
Parathion, Ethyl	0.35	U	0.35	1.0	µg/L	1	03/28/04	18191
Parathion, Methyl	0.20	U	0.20	0.51	µg/L	1	03/28/04	18191
Phorate	0.38	U	0.38	1.0	µg/L	1	03/28/04	18191
Surr: 4-Chloro-3-nitrobenzotrifluoride	111		0		%REC	1	03/28/04	18191
<b>8151: HERBICIDES, CHLORINATED BY GC</b>			<b>SW8151</b>				PrepDate: 3/26/2004 1:00:00 P	Analyst: EM
2,4-D	0.15	U	0.15	0.10	µg/L	1	04/02/04	18255
Dinoseb	0.090	U	0.090	0.20	µg/L	1	04/02/04	18255
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	04/02/04	18255
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	04/02/04	18255
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	04/02/04	18255
Surr: DCAA	94.4		0		%REC	1	04/02/04	18255

Data \* Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits  
 Qualifier L Value above quantitation range Q Holding times for preparation or analysis exceeded  
 Code Key: S Spike Recovery outside accepted recovery limits U Not Detected Above the MDL



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030704  
 Project: CCSWD Annual Leach 2  
 Lab ID: F04030704-001

Client Sample ID: 032404CCLEA2  
 Collection Date: 3/24/2004 9:20:00 AM  
 Sample Description: Leachate 2  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>					<b>PrepDate: 4/2/2004</b>	<b>Analyst: LGO</b>
Acetone	37		0.91	10	µg/L	1	04/03/04 10:10	18440
Acetonitrile	2.4	U	2.4	10	µg/L	1	04/03/04 10:10	18440
Acrolein	2.0	U	2.0	10	µg/L	1	04/03/04 10:10	18440
Acrylonitrile	0.93	U	0.93	10	µg/L	1	04/03/04 10:10	18440
Allyl chloride	0.12	U	0.12	1.0	µg/L	1	04/03/04 10:10	18440
Benzene	4.6	*	0.31	1.0	µg/L	1	04/03/04 10:10	18440
Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	04/03/04 10:10	18440
Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	04/03/04 10:10	18440
Bromoform	0.11	U	0.11	1.0	µg/L	1	04/03/04 10:10	18440
Bromomethane	0.12	U	0.12	1.0	µg/L	1	04/03/04 10:10	18440
2-Butanone	37		0.29	10	µg/L	1	04/03/04 10:10	18440
Carbon disulfide	0.25	U	0.25	1.0	µg/L	1	04/03/04 10:10	18440
Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	04/03/04 10:10	18440
Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	04/03/04 10:10	18440
Chloroethane	0.16	U	0.16	1.0	µg/L	1	04/03/04 10:10	18440
Chloroform	0.28	U	0.28	1.0	µg/L	1	04/03/04 10:10	18440
Chloromethane	0.31	U	0.31	1.0	µg/L	1	04/03/04 10:10	18440
Chloroprene	0.27	U	0.27	1.0	µg/L	1	04/03/04 10:10	18440
Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	04/03/04 10:10	18440
Dibromomethane	0.13	U	0.13	1.0	µg/L	1	04/03/04 10:10	18440
trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	04/03/04 10:10	18440
Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	04/03/04 10:10	18440
1,1-Dichloroethane	1.2		0.30	1.0	µg/L	1	04/03/04 10:10	18440
1,2-Dichloroethane	0.10	U	0.10	1.0	µg/L	1	04/03/04 10:10	18440
1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	04/03/04 10:10	18440
cis-1,2-Dichloroethene	0.52	I	0.15	1.0	µg/L	1	04/03/04 10:10	18440
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	04/03/04 10:10	18440
1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	04/03/04 10:10	18440
1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	04/03/04 10:10	18440
2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	04/03/04 10:10	18440
1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	04/03/04 10:10	18440
cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	04/03/04 10:10	18440
trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	04/03/04 10:10	18440
Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	04/03/04 10:10	18440
Ethylbenzene	50		0.12	1.0	µg/L	1	04/03/04 10:10	18440
Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	04/03/04 10:10	18440

Data \* Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits  
 Qualifier L Value above quantitation range Q Holding times for preparation or analysis exceeded  
 Code Key: S Spike Recovery outside accepted recovery limits U Not Detected Above the MDL



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030704  
**Project:** CCSWD Annual Leach 2  
**Lab ID:** F04030704-001

**Client Sample ID:** 032404CCLEA2  
**Collection Date:** 3/24/2004 9:20:00 AM  
**Sample Description:** Leachate 2  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 4/2/2004		Analyst: LGO			
2-Hexanone	0.26	U	0.26	10	µg/L	1	04/03/04 10:10	18440
Iodomethane	0.38	U	0.38	1.0	µg/L	1	04/03/04 10:10	18440
Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	04/03/04 10:10	18440
Methacrylonitrile	0.71	U	0.71	10	µg/L	1	04/03/04 10:10	18440
Methyl methacrylate	0.15	U	0.15	10	µg/L	1	04/03/04 10:10	18440
4-Methyl-2-pentanone	5.4	I	0.21	10	µg/L	1	04/03/04 10:10	18440
Methylene chloride	0.26	U	0.26	5.0	µg/L	1	04/03/04 10:10	18440
Propionitrile	1.8	U	1.8	10	µg/L	1	04/03/04 10:10	18440
Styrene	3.3		0.17	1.0	µg/L	1	04/03/04 10:10	18440
1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	04/03/04 10:10	18440
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	04/03/04 10:10	18440
Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	04/03/04 10:10	18440
Toluene	4.0		0.10	1.0	µg/L	1	04/03/04 10:10	18440
1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	04/03/04 10:10	18440
1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	04/03/04 10:10	18440
Trichloroethene	0.15	U	0.15	1.0	µg/L	1	04/03/04 10:10	18440
Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	04/03/04 10:10	18440
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	04/03/04 10:10	18440
Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	04/03/04 10:10	18440
Vinyl chloride	0.14	U	0.14	1.0	µg/L	1	04/03/04 10:10	18440
Xylenes, Total	88		0.29	1.0	µg/L	1	04/03/04 10:10	18440
Surr: 4-Bromofluorobenzene	106		0		%REC	1	04/03/04 10:10	18440
Surr: Dibromofluoromethane	92.2		0		%REC	1	04/03/04 10:10	18440
Surr: Toluene-d8	98.4		0		%REC	1	04/03/04 10:10	18440
Surr: 1,2-Dichloroethane-d4	95.3		0		%REC	1	04/03/04 10:10	18440
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/28/2004 2:20:00 P		Analyst: TKA			
Kepona	1.5	U	1.5	5.0	µg/L	1	04/09/04 02:02	18251
Acenaphthene	0.80	U	0.80	5.0	µg/L	1	04/09/04 02:02	18251
Acenaphthylene	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Acetophenone	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
2-Acetylaminofluorene	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	04/09/04 02:02	18251
Anthracene	0.57	U	0.57	5.0	µg/L	1	04/09/04 02:02	18251
Benzo(a)anthracene	0.64	U	0.64	5.0	µg/L	1	04/09/04 02:02	18251
Benzo(a)pyrene	0.69	U	0.69	1.0	µg/L	1	04/09/04 02:02	18251

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	L	Value above quantitation range	Q	Holding times for preparation or analysis exceeded
<b>Code Key:</b>	S	Spike Recovery outside accepted recovery limits	U	Not Detected Above the MDL



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030704  
 Project: CCSWD Annual Leach 2  
 Lab ID: F04030704-001

Client Sample ID: 032404CCLEA2  
 Collection Date: 3/24/2004 9:20:00 AM  
 Sample Description: Leachate 2  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>						
							PrepDate: 3/26/2004 2:20:00 P	Analyst: TKA
Benzo(b)fluoranthene	0.81	U	0.81	2.0	µg/L	1	04/09/04 02:02	18251
Benzo(g,h,i)perylene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
Benzo(k)fluoranthene	0.66	U	0.66	4.0	µg/L	1	04/09/04 02:02	18251
Benzyl alcohol	0.65	U	0.65	5.0	µg/L	1	04/09/04 02:02	18251
Bis(2-chloroethoxy)methane	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
Bis(2-chloroethyl)ether	1.3	U	1.3	4.0	µg/L	1	04/09/04 02:02	18251
Bis(2-chloroisopropyl)ether	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Bis(2-ethylhexyl)phthalate	0.99	I	0.78	5.0	µg/L	1	04/09/04 02:02	18251
4-Bromophenyl phenyl ether	0.64	U	0.64	5.0	µg/L	1	04/09/04 02:02	18251
Butyl benzyl phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 02:02	18251
4-Chloro-3-methylphenol	1.8	U	1.8	20	µg/L	1	04/09/04 02:02	18251
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
2-Chloronaphthalene	0.65	U	0.65	5.0	µg/L	1	04/09/04 02:02	18251
2-Chlorophenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
4-Chlorophenyl phenyl ether	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
Chrysene	0.58	U	0.58	5.0	µg/L	1	04/09/04 02:02	18251
Diallate	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
Dibenzo(a,h)anthracene	0.85	U	0.85	2.0	µg/L	1	04/09/04 02:02	18251
Dibenzofuran	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
1,2-Dichlorobenzene	0.95	U	0.95	5.0	µg/L	1	04/09/04 02:02	18251
1,3-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
1,4-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
3,3'-Dichlorobenzidine	0.58	U	0.58	10	µg/L	1	04/09/04 02:02	18251
2,4-Dichlorophenol	0.98	U	0.98	2.0	µg/L	1	04/09/04 02:02	18251
2,6-Dichlorophenol	1.2	U	1.2	4.0	µg/L	1	04/09/04 02:02	18251
Diethyl phthalate	1.4	U	1.4	5.0	µg/L	1	04/09/04 02:02	18251
Dimethyl phthalate	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
p-Dimethylaminoazobenzene	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	04/09/04 02:02	18251
3,3'-Dimethylbenzidine	2.3	U	2.3	10	µg/L	1	04/09/04 02:02	18251
2,4-Dimethylphenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
Di-n-butyl phthalate	0.70	U	0.70	5.0	µg/L	1	04/09/04 02:02	18251
4,6-Dinitro-2-methylphenol	1.1	U	1.1	20	µg/L	1	04/09/04 02:02	18251
1,2-Dinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
1,3-Dinitrobenzene	1.2	U	1.2	8.0	µg/L	1	04/09/04 02:02	18251
2,4-Dinitrophenol	2.0	U	2.0	20	µg/L	1	04/09/04 02:02	18251

Data	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Qualifier	L	Value above quantitation range	Q	Holding times for preparation or analysis exceeded
Code Key:	S	Spike Recovery outside accepted recovery limits	U	Not Detected Above the MDL



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030704  
Project: CCSWD Annual Leach 2  
Lab ID: F04030704-001

Client Sample ID: 032404CCLEA2  
Collection Date: 3/24/2004 9:20:00 AM  
Sample Description: Leachate 2  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>								
		<b>SW8270</b>					<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
2,4-Dinitrotoluene	1.4	U	1.4	2.0	µg/L	1	04/09/04 02:02	18251
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	04/09/04 02:02	18251
Di-n-octyl phthalate	0.69	U	0.69	5.0	µg/L	1	04/09/04 02:02	18251
1,2-Diphenylhydrazine	0.94	U	0.94	5.0	µg/L	1	04/09/04 02:02	18251
Ethyl methanesulfonate	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Fluoranthene	0.53	U	0.53	5.0	µg/L	1	04/09/04 02:02	18251
Fluorene	1.4	U	1.4	5.0	µg/L	1	04/09/04 02:02	18251
Hexachlorobenzene	0.59	U	0.59	1.0	µg/L	1	04/09/04 02:02	18251
Hexachlorocyclopentadiene	3.6	U	3.6	5.0	µg/L	1	04/09/04 02:02	18251
Hexachloroethane	1.5	U	1.5	5.0	µg/L	1	04/09/04 02:02	18251
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	04/09/04 02:02	18251
Indeno(1,2,3-cd)pyrene	1.2	U	1.2	2.0	µg/L	1	04/09/04 02:02	18251
Isodrin	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Isophorone	0.99	U	0.99	5.0	µg/L	1	04/09/04 02:02	18251
Isosafrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
Methapyrilene	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
Methyl methanesulfonate	1.5	U	1.5	5.0	µg/L	1	04/09/04 02:02	18251
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
2-Methylnaphthalene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
2-Methylphenol	1.5	U	1.5	5.0	µg/L	1	04/09/04 02:02	18251
3&4-Methylphenol	2.2	U	2.2	10	µg/L	1	04/09/04 02:02	18251
Naphthalene	7.4		0.86	5.0	µg/L	1	04/09/04 02:02	18251
1-Naphthylamine	1.4	U	1.4	5.0	µg/L	1	04/09/04 02:02	18251
2-Naphthylamine	1.7	U	1.7	5.0	µg/L	1	04/09/04 02:02	18251
1,4-Napthoquinone	1.4	U	1.4	5.0	µg/L	1	04/09/04 02:02	18251
2-Nitroaniline	1.6	U	1.6	5.0	µg/L	1	04/09/04 02:02	18251
3-Nitroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
4-Nitroaniline	1.5	U	1.5	4.0	µg/L	1	04/09/04 02:02	18251
Nitrobenzene	1.4	U	1.4	4.0	µg/L	1	04/09/04 02:02	18251
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
2-Nitrophenol	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
4-Nitrophenol	0.99	U	0.99	20	µg/L	1	04/09/04 02:02	18251
N-Nitrosodiethylamine	1.5	U	1.5	4.0	µg/L	1	04/09/04 02:02	18251
N-Nitrosodimethylamine	0.63	U	0.63	2.0	µg/L	1	04/09/04 02:02	18251
N-Nitroso-di-n-butylamine	1.0	U	1.0	4.0	µg/L	1	04/09/04 02:02	18251
N-Nitroso-di-n-propylamine	1.2	U	1.2	4.0	µg/L	1	04/09/04 02:02	18251

Data \* Value exceeds Maximum Contaminant Level I Analyte detected below quantitation limits  
 Qualifier L Value above quantitation range Q Holding times for preparation or analysis exceeded  
 Code Key: S Spike Recovery outside accepted recovery limits U Not Detected Above the MDL





ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County

Client Sample ID: 032404CCLEA2

Lab Order: F04030704

Collection Date: 3/24/2004 9:20:00 AM

Project: CCSWD Annual Leach 2

Sample Description: Leachate 2

Lab ID: F04030704-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>			<b>SW8270</b>				<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
N-Nitrosodiphenylamine	0.67	U	0.67	5.0	µg/L	1	04/09/04 02:02	18251
N-Nitrosomethylethylamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
N-Nitrosopiperidine	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
N-Nitrosopyrrolidine	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Pentachlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
Phenacetin	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
Phenanthrene	0.73	U	0.73	5.0	µg/L	1	04/09/04 02:02	18251
Phenol	0.55	U	0.55	5.0	µg/L	1	04/09/04 02:02	18251
1,4-Phenylenediamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
Pronamide	1.1	U	1.1	5.0	µg/L	1	04/09/04 02:02	18251
Pyrene	0.72	U	0.72	5.0	µg/L	1	04/09/04 02:02	18251
Safrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	04/09/04 02:02	18251
Thionazin	1.0	U	1.0	5.0	µg/L	1	04/09/04 02:02	18251
o-Toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
1,2,4-Trichlorobenzene	0.85	U	0.85	5.0	µg/L	1	04/09/04 02:02	18251
2,4,5-Trichlorophenol	1.7	U	1.7	4.0	µg/L	1	04/09/04 02:02	18251
2,4,6-Trichlorophenol	0.93	U	0.93	2.0	µg/L	1	04/09/04 02:02	18251
o,o,o-Triethylphosphorothioate	1.3	U	1.3	5.0	µg/L	1	04/09/04 02:02	18251
1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 02:02	18251
Surr: 2-Fluorobiphenyl	82.1		0		%REC	1	04/09/04 02:02	18251
Surr: 2-Fluorophenol	34.6		0		%REC	1	04/09/04 02:02	18251
Surr: Nitrobenzene-d5	78.9		0		%REC	1	04/09/04 02:02	18251
Surr: Phenol-d6	25.6		0		%REC	1	04/09/04 02:02	18251
Surr: p-Terphenyl-d14	103		0		%REC	1	04/09/04 02:02	18251
Surr: 2,4,6-Tribromophenol	70.1		0		%REC	1	04/09/04 02:02	18251
<b>NITROGEN, NITRITE (SUBCONTRACT)</b>			<b>SM4500-NO2 B</b>				<b>PrepDate:</b>	<b>Analyst: SUB</b>
Nitrogen, Nitrite	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24606

Data	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
Qualifier	L	Value above quantitation range	Q	Holding times for preparation or analysis exceeded
Code Key:	S	Spike Recovery outside accepted recovery limits	U	Not Detected Above the MDL

# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

Submission Number 4030776

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

Project Name: ANNUAL LEACH 2  
Date Received: 03/24/2004  
Time Received: 1605

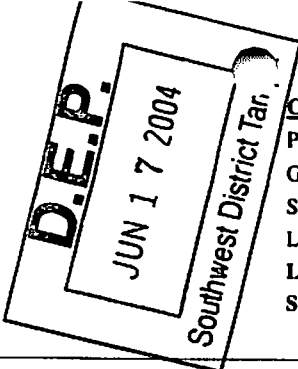
Attn: Jamie Rexroat

*F04030704*

Submission Number 4030776

Sample Number: 1                      Sample Description: C C L E A 2  
Sample Date: 03/24/2004              Sample Method: Grab  
Sample Time: 0920

Parameter	Result	Units	Detection Limit	Procedure	Analysis		Analyst
					Date	Time	
PH	7.22	UNITS	0.1	150.1	03/24/2004	16:20	TB
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	03/25/2004	08:55	KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	03/29/2004		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	03/25/2004	08:55	KJG



CCSWD Annual Leach 3

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: F04030694

Sample Number: F04030694-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
<b>INORGANICS</b>									
00403	pH	Grab	N	E150.1	3/24/2004	7.40	Q	pH units	0.100
70300	Solids, Total Dissolved	Grab	N	E160.1	3/25/2004	4600		mg/L	1.2
00940	Chloride	Grab	N	E300.0	3/30/2004	940		mg/L	3.6
00945	Sulfate	Grab	N	E300.0	3/30/2004	21	I	mg/L	5.1
00610	Nitrogen, Ammonia (As N)	Grab	N	E350.1	3/26/2004	0.40	U	mg/L	0.40
00620	Nitrogen, Nitrate	Grab	N	E353.2	3/25/2004	0.010	U	mg/L	0.010
00630	Nitrogen, Nitrate-Nitrite	Grab	N	E353.2	4/2/2004	0.049		mg/L	0.010
00440	Alkalinity, Bicarbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	4100		mg/L	0.16
00430	Alkalinity, Carbonate (As CaCO3)	Grab	N	SM2320	3/30/2004	0.16	U	mg/L	0.16
00410	Alkalinity, Total (As CaCO3)	Grab	N	SM2320	3/30/2004	4100		mg/L	0.16
00720	Cyanide	Grab	N	SW9012	4/2/2004	0.0050	I	mg/L	0.0027
00745	Sulfide	Grab	N	SW9034	3/25/2004	1.6	U	mg/L	1.6
<b>METALS</b>									
01002	Arsenic	Grab	N	SW6010	3/26/2004	41		µg/L	2.0
01007	Barium	Grab	N	SW6010	3/26/2004	90		µg/L	0.074
01012	Beryllium	Grab	N	SW6010	3/26/2004	0.12	U	µg/L	0.12
01027	Cadmium	Grab	N	SW6010	3/26/2004	0.24	U	µg/L	0.24
01034	Chromium	Grab	N	SW6010	3/26/2004	42		µg/L	0.60
01037	Cobalt	Grab	N	SW6010	3/26/2004	21		µg/L	1.5
01042	Copper	Grab	N	SW6010	3/26/2004	7.6		µg/L	0.58
01045	Iron	Grab	N	SW6010	3/26/2004	3800		µg/L	13
01051	Lead	Grab	N	SW6010	3/26/2004	1.8	U	µg/L	1.8
01067	Nickel	Grab	N	SW6010	3/26/2004	58		µg/L	2.0
01147	Selenium	Grab	N	SW6010	3/26/2004	4.0	U	µg/L	4.0
01077	Silver	Grab	N	SW6010	3/26/2004	1.6	I	µg/L	1.4
00929	Sodium	Grab	N	SW6010	3/29/2004	870000		µg/L	460
01102	Tin	Grab	N	SW6010	3/26/2004	2.7	U	µg/L	2.7
01087	Vanadium	Grab	N	SW6010	3/26/2004	33		µg/L	0.40
01092	Zinc	Grab	N	SW6010	3/26/2004	6.0	I	µg/L	2.3
01097	Antimony	Grab	N	SW7041	3/30/2004	0.35	U	µg/L	0.35
71900	Mercury	Grab	N	SW7470	3/30/2004	0.054	IV	µg/L	0.036

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 3**

**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: F04030694

Sample Number: F04030694-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
01059	Thallium	Grab	N	SW7841	3/30/2004	0.25	U	µg/L	0.25
<b>ORGANICS</b>									
49146	1,2-Dibromo-3-chloropropane	Grab	N	SW8011	4/1/2004	0.0041	U	µg/L	0.0041
77651	Ethylene Dibromide	Grab	N	SW8011	4/1/2004	0.0038	U	µg/L	0.0038
39330	Aldrin	Grab	N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39337	alpha-BHC	Grab	N	SW8081	3/29/2004	0.0040	U	µg/L	0.0040
39338	beta-BHC	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
46323	delta-BHC	Grab	N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39340	gamma-BHC	Grab	N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39350	Chlordane	Grab	N	SW8081	3/29/2004	0.14	U	µg/L	0.14
39460	Chlorobenzilate	Grab	N	SW8081	3/29/2004	0.080	U	µg/L	0.080
39380	4,4'-DDD	Grab	N	SW8081	3/29/2004	0.017	U	µg/L	0.017
39365	4,4'-DDE	Grab	N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39370	4,4'-DDT	Grab	N	SW8081	3/29/2004	0.013	U	µg/L	0.013
39380	Dieldrin	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
34361	Endosulfan I	Grab	N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34356	Endosulfan II	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
34351	Endosulfan sulfate	Grab	N	SW8081	3/29/2004	0.012	U	µg/L	0.012
39390	Endrin	Grab	N	SW8081	3/29/2004	0.013	U	µg/L	0.013
34366	Endrin aldehyde	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
39410	Heptachlor	Grab	N	SW8081	3/29/2004	0.0070	U	µg/L	0.0070
39420	Heptachlor epoxide	Grab	N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
39700	Hexachlorobenzene	Grab	N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34386	Hexachlorocyclopentadiene	Grab	N	SW8081	3/29/2004	0.0060	U	µg/L	0.0060
39480	Methoxychlor	Grab	N	SW8081	3/29/2004	0.011	U	µg/L	0.011
81316	Pentachloronitrobenzene	Grab	N	SW8081	3/29/2004	0.027	U	µg/L	0.027
39400	Toxaphene	Grab	N	SW8081	3/29/2004	0.43	U	µg/L	0.43
34671	Aroclor 1016	Grab	N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39488	Aroclor 1221	Grab	N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39492	Aroclor 1232	Grab	N	SW8082	3/29/2004	0.11	U	µg/L	0.11
39498	Aroclor 1242	Grab	N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39500	Aroclor 1248	Grab	N	SW8082	3/29/2004	0.13	U	µg/L	0.13

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 3**

**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: F04030694

Sample Number: F04030694-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
39504	Aroclor 1254	Grab	N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39508	Aroclor 1260	Grab	N	SW8082	3/29/2004	0.11	U	µg/L	0.11
	Chlorfenvinphos	Grab	N	SW8141	3/28/2004	0.23	U	µg/L	0.23
46314	Dimethoate	Grab	N	SW8141	3/28/2004	0.14	U	µg/L	0.14
81888	Disulfoton	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
38462	Famphur	Grab	N	SW8141	3/28/2004	0.23	U	µg/L	0.23
39540	Parathion, Ethyl	Grab	N	SW8141	3/28/2004	0.35	U	µg/L	0.35
39600	Parathion, Methyl	Grab	N	SW8141	3/28/2004	0.20	U	µg/L	0.20
46313	Phorate	Grab	N	SW8141	3/28/2004	0.38	U	µg/L	0.38
39730	2,4-D	Grab	N	SW8151	4/2/2004	0.15	U	µg/L	0.15
81287	Dinoseb	Grab	N	SW8151	4/2/2004	0.090	U	µg/L	0.090
39032	Pentachlorophenol	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
39740	2,4,5-T	Grab	N	SW8151	4/2/2004	0.020	U	µg/L	0.020
39760	2,4,5-TP (Silvex)	Grab	N	SW8151	4/2/2004	0.030	U	µg/L	0.030
81552	Acetone	Grab	N	SW8260	3/30/2004	✓ 43		µg/L	0.91
76997	Acetonitrile	Grab	N	SW8260	3/30/2004	2.4	U	µg/L	2.4
34210	Acrolein	Grab	N	SW8260	3/30/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile	Grab	N	SW8260	3/30/2004	0.93	U	µg/L	0.93
78109	Allyl chloride	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34030	Benzene	Grab	N	SW8260	3/30/2004	✓ 10		µg/L	0.31
73085	Bromochloromethane	Grab	N	SW8260	3/30/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
32104	Bromoform	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34413	Bromomethane	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
81595	2-Butanone	Grab	N	SW8260	3/30/2004	12.00 50		µg/L	0.29
77041	Carbon disulfide	Grab	N	SW8260	3/30/2004	0.25	U	µg/L	0.25
32102	Carbon tetrachloride	Grab	N	SW8260	3/30/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34311	Chloroethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16
32106	Chloroform	Grab	N	SW8260	3/30/2004	0.28	U	µg/L	0.28
34418	Chloromethane	Grab	N	SW8260	3/30/2004	0.31	U	µg/L	0.31
81520	Chloroprene	Grab	N	SW8260	3/30/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane	Grab	N	SW8260	3/30/2004	0.16	U	µg/L	0.16

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 3**  
**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:** F04030694  
**Sample Number:** F04030694-001

<b>Facility WACS:</b>	4058C02034	<b>Sample Date/Time:</b>	3/24/2004 11:00:00 AM
<b>Well/Sampling Point WACS:</b>	Leachate 3	<b>Report Period:</b>	Annual 2004
<b>Well/Sampling Point Name:</b>	03-24-04CCLEA3	<b>Well Purged:</b>	YES
<b>Classification of Groundwater:</b>	G-II	<b>Well Type:</b>	Leachate
<b>Ground Water Elevation: (NGVD):</b>			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis			Detection Limits
						Result	Q	Units	
77596	Dibromomethane	Grab	N	SW8260	3/30/2004	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene	Grab	N	SW8260	3/30/2004	0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane	Grab	N	SW8260	3/30/2004	0.52	U	µg/L	0.52
34496	1,1-Dichloroethane	Grab	N	SW8260	3/30/2004	✓ 1.8		µg/L	0.30
34531	1,2-Dichloroethane	Grab	N	SW8260	3/30/2004	✓ 2.7		µg/L	0.10
34501	1,1-Dichloroethene	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34546	trans-1,2-Dichloroethene	Grab	N	SW8260	3/30/2004	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane	Grab	N	SW8260	3/30/2004	0.12	U	µg/L	0.12
77173	1,3-Dichloropropane	Grab	N	SW8260	3/30/2004	0.50	U	µg/L	0.50
77170	2,2-Dichloropropane	Grab	N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77168	1,1-Dichloropropene	Grab	N	SW8260	3/30/2004	0.060	U	µg/L	0.060
34704	cis-1,3-Dichloropropene	Grab	N	SW8260	3/30/2004	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
73570	Ethyl methacrylate	Grab	N	SW8260	3/30/2004	0.48	U	µg/L	0.48
34371	Ethylbenzene	Grab	N	SW8260	3/30/2004	✓ 57		µg/L	0.12
34391	Hexachlorobutadiene	Grab	N	SW8260	3/30/2004	0.34	U	µg/L	0.34
77103	2-Hexanone	Grab	N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77424	Iodomethane	Grab	N	SW8260	3/30/2004	0.38	U	µg/L	0.38
77033	Isobutyl Alcohol	Grab	N	SW8260	3/30/2004	2.7	U	µg/L	2.7
81593	Methacrylonitrile	Grab	N	SW8260	3/30/2004	0.71	U	µg/L	0.71
81597	Methyl methacrylate	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone	Grab	N	SW8260	3/30/2004	3.50 2.3	I	µg/L	0.21
34423	Methylene chloride	Grab	N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77007	Propionitrile	Grab	N	SW8260	3/30/2004	1.8	U	µg/L	1.8
77128	Styrene	Grab	N	SW8260	3/30/2004	1.2		µg/L	0.17
77562	1,1,1,2-Tetrachloroethane	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34475	Tetrachloroethene	Grab	N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34010	Toluene	Grab	N	SW8260	3/30/2004	✓ 7.8		µg/L	0.10
34506	1,1,1-Trichloroethane	Grab	N	SW8260	3/30/2004	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane	Grab	N	SW8260	3/30/2004	0.13	U	µg/L	0.13
39180	Trichloroethene	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15

**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:** **V** Analyte detected in the associated Method Blank

**CCSWD Annual Leach 3**

**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: F04030694

Sample Number: F04030694-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
34488	Trichlorofluoromethane	Grab	N	SW8260	3/30/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane	Grab	N	SW8260	3/30/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate	Grab	N	SW8260	3/30/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride	Grab	N	SW8260	3/30/2004	✓ 1.2		µg/L	0.14
34020	Xylenes, Total	Grab	N	SW8260	3/30/2004	✓ 150		µg/L	0.29
	Kepone	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
34205	Acenaphthene	Grab	N	SW8270	4/8/2004	0.80	U	µg/L	0.80
34200	Acenaphthylene	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
81553	Acetophenone	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
82204	2-Acetylaminofluorene	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
77581	4-Aminobiphenyl	Grab	N	SW8270	4/8/2004	2.8	U	µg/L	2.8
34220	Anthracene	Grab	N	SW8270	4/8/2004	0.57	U	µg/L	0.57
34526	Benzo(a)anthracene	Grab	N	SW8270	4/8/2004	0.64	U	µg/L	0.64
34247	Benzo(a)pyrene	Grab	N	SW8270	4/8/2004	0.69	U	µg/L	0.69
34230	Benzo(b)fluoranthene	Grab	N	SW8270	4/8/2004	0.81	U	µg/L	0.81
34521	Benzo(g,h,i)perylene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
34242	Benzo(k)fluoranthene	Grab	N	SW8270	4/8/2004	0.66	U	µg/L	0.66
77147	Benzyl alcohol	Grab	N	SW8270	4/8/2004	0.65	U	µg/L	0.65
34278	Bis(2-chloroethoxy)methane	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34273	Bis(2-chloroethyl)ether	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
73522	Bis(2-chloroisopropyl)ether	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
39100	Bis(2-ethylhexyl)phthalate	Grab	N	SW8270	4/8/2004	0.78	U	µg/L	0.78
34836	4-Bromophenyl phenyl ether	Grab	N	SW8270	4/8/2004	0.64	U	µg/L	0.64
34292	Butyl benzyl phthalate	Grab	N	SW8270	4/8/2004	0.78	U	µg/L	0.78
34452	4-Chloro-3-methylphenol	Grab	N	SW8270	4/8/2004	1.8	U	µg/L	1.8
73529	4-Chloroaniline	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34581	2-Chloronaphthalene	Grab	N	SW8270	4/8/2004	0.65	U	µg/L	0.65
34586	2-Chlorophenol	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
34641	4-Chlorophenyl phenyl ether	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34320	Chrysene	Grab	N	SW8270	4/8/2004	0.58	U	µg/L	0.58
73540	Diallate	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
34556	Dibenzo(a,h)anthracene	Grab	N	SW8270	4/8/2004	0.85	U	µg/L	0.85
81302	Dibenzofuran	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 3**  
**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: F04030694

Sample Number: F04030694-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
34536	1,2-Dichlorobenzene	Grab	N	SW8270	4/8/2004	0.95	U	µg/L	0.95
34566	1,3-Dichlorobenzene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
34571	1,4-Dichlorobenzene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
34631	3,3'-Dichlorobenzidine	Grab	N	SW8270	4/8/2004	0.58	U	µg/L	0.58
34601	2,4-Dichlorophenol	Grab	N	SW8270	4/8/2004	0.98	U	µg/L	0.98
77541	2,6-Dichlorophenol	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34336	Diethyl phthalate	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
73558	p-Dimethylaminoazobenzene	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
73559	7,12-Dimethylbenz(a)anthracene	Grab	N	SW8270	4/8/2004	2.0	U	µg/L	2.0
73560	3,3'-Dimethylbenzidine	Grab	N	SW8270	4/8/2004	2.3	U	µg/L	2.3
34606	2,4-Dimethylphenol	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
39110	Di-n-butyl phthalate	Grab	N	SW8270	4/8/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
	1,2-Dinitrobenzene	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
45622	1,3-Dinitrobenzene	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34616	2,4-Dinitrophenol	Grab	N	SW8270	4/8/2004	2.0	U	µg/L	2.0
34611	2,4-Dinitrotoluene	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
34626	2,6-Dinitrotoluene	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34596	Di-n-octyl phthalate	Grab	N	SW8270	4/8/2004	0.69	U	µg/L	0.69
34346	1,2-Diphenylhydrazine	Grab	N	SW8270	4/8/2004	0.94	U	µg/L	0.94
73571	Ethyl methanesulfonate	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
34376	Fluoranthene	Grab	N	SW8270	4/8/2004	0.53	U	µg/L	0.53
34381	Fluorene	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
39700	Hexachlorobenzene	Grab	N	SW8270	4/8/2004	0.59	U	µg/L	0.59
34386	Hexachlorocyclopentadiene	Grab	N	SW8270	4/8/2004	3.6	U	µg/L	3.6
34396	Hexachloroethane	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
73576	Hexachloropropene	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
34403	Indeno(1,2,3-cd)pyrene	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
39430	Isodrin	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
34408	Isophorone	Grab	N	SW8270	4/8/2004	0.99	U	µg/L	0.99
73582	Isosafrole	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
73589	Methapyrene	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3

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:	V Analyte detected in the associated Method Blank		



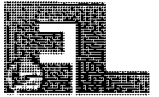


**CCSWD Annual Leach 3**  
**PARAMETER MONITORING REPORT**  
 Ground Water (Rule 62-520.400, .420, .460)  
 Surface Water (Rule 62-302.500, .510, .503)  
 Leachate (Rule 62-701.510)  
 LAB Submission Number: F04030694  
 Sample Number: F04030694-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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			Detection Limits
						Result	Q	Units	
73595	Methyl methanesulfonate	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
73591	3-Methylcholanthrene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
77416	2-Methylnaphthalene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
77152	2-Methylphenol	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
77146	3&4-Methylphenol	Grab	N	SW8270	4/8/2004	2.2	U	µg/L	2.2
34698	Naphthalene	Grab	N	SW8270	4/8/2004	4.2	I	µg/L	0.86
73600	1-Naphthylamine	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
73601	2-Naphthylamine	Grab	N	SW8270	4/8/2004	1.7	U	µg/L	1.7
73599	1,4-Naphthoquinone	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
78142	2-Nitroaniline	Grab	N	SW8270	4/8/2004	1.6	U	µg/L	1.8
78300	3-Nitroaniline	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
73605	4-Nitroaniline	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
34447	Nitrobenzene	Grab	N	SW8270	4/8/2004	1.4	U	µg/L	1.4
73622	5-Nitro-o-toluidine	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
34591	2-Nitrophenol	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
34646	4-Nitrophenol	Grab	N	SW8270	4/8/2004	0.99	U	µg/L	0.99
73611	N-Nitrosodiethylamine	Grab	N	SW8270	4/8/2004	1.5	U	µg/L	1.5
34438	N-Nitrosodimethylamine	Grab	N	SW8270	4/8/2004	0.63	U	µg/L	0.63
73609	N-Nitroso-di-n-butylamine	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
34428	N-Nitroso-di-n-propylamine	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
34433	N-Nitrosodiphenylamine	Grab	N	SW8270	4/8/2004	0.67	U	µg/L	0.67
73613	N-Nitrosomethylethylamine	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
73619	N-Nitrosopiperidine	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
78206	N-Nitrosopyrrolidine	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
77793	Pentachlorobenzene	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
73626	Phenacetin	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
34461	Phenanthrene	Grab	N	SW8270	4/8/2004	0.73	U	µg/L	0.73
34694	Phenol	Grab	N	SW8270	4/8/2004	0.55	U	µg/L	0.55
73628	1,4-Phenylenediamine	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
39080	Pronamide	Grab	N	SW8270	4/8/2004	1.1	U	µg/L	1.1
34469	Pyrene	Grab	N	SW8270	4/8/2004	0.72	U	µg/L	0.72
77545	Safrole	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
77734	1,2,4,5-Tetrachlorobenzene	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3

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: V Analyte detected in the associated Method Blank

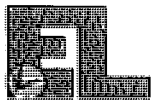


**CCSWD Annual Leach 3**  
**PARAMETER MONITORING REPORT**  
 Ground Water (Rule 62-520.400, .420, .460)  
 Surface Water (Rule 62-302.500, .510, .503)  
 Leachate (Rule 62-701.510)  
 LAB Submission Number: F04030694  
 Sample Number: F04030694-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:00:00 AM
Well/Sampling Point WACS:	Leachate 3	Report Period:	Annual 2004
Well/Sampling Point Name:	03-24-04CCLEA3	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
77770	2,3,4,6/2,3,4,5-Tetrachlorophenol	Grab	N	SW8270	4/8/2004	3.8	U	µg/L	3.8
73553	Thionazin	Grab	N	SW8270	4/8/2004	1.0	U	µg/L	1.0
77142	o-Toluidine	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
34551	1,2,4-Trichlorobenzene	Grab	N	SW8270	4/8/2004	0.85	U	µg/L	0.85
77687	2,4,5-Trichlorophenol	Grab	N	SW8270	4/8/2004	1.7	U	µg/L	1.7
34621	2,4,6-Trichlorophenol	Grab	N	SW8270	4/8/2004	0.93	U	µg/L	0.93
73652	o,o,o-Triethylphosphorothioate	Grab	N	SW8270	4/8/2004	1.3	U	µg/L	1.3
73653	1,3,5-Trinitrobenzene	Grab	N	SW8270	4/8/2004	1.2	U	µg/L	1.2
<b><u>SUB</u></b>									
00615	Nitrogen, Nitrite	Grab	N	SM4500-	3/25/2004	0.23		mg/L	0.010

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier Code Key:</b>	Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
	V	Analyte detected in the associated Method Blank		



## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 03-24-04CCLEA3
<b>Lab Order:</b> F04030694	<b>Collection Date:</b> 3/24/2004 11:00:00 AM
<b>Project:</b> CCSWD Annual Leach 3	<b>Sample Description:</b> Leachate 3
<b>Lab ID:</b> F04030694-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ALKALINITY AS CaCO3</b>		<b>SM2320 B</b>		<b>PrepDate:</b>		<b>Analyst: MMA</b>		
Alkalinity, Bicarbonate (As CaCO3)	4100		0.16	5.0	mg/L	1	03/30/04 ✓	R24580
Alkalinity, Carbonate (As CaCO3)	0.16	U	0.16	5.0	mg/L	1	03/30/04 ✓	R24580
Alkalinity, Total (As CaCO3)	4100		0.16	5.0	mg/L	1	03/30/04 ✓	R24580
<b>ANIONS BY ION CHROMATOGRAPHY</b>		<b>E300.0</b>		<b>PrepDate:</b>		<b>Analyst: ACO</b>		
Chloride	940	*	3.6	50	mg/L	100	03/30/04 00:36 ✓	R24524-B
Sulfate	21	I	5.1	50	mg/L	100	03/30/04 00:36 ✓	R24524-B
<b>CYANIDE, TOTAL</b>		<b>SW9012</b>		<b>PrepDate: 4/2/2004 10:00:00 A</b>		<b>Analyst: SST</b>		
Cyanide	0.0050	I	0.0027	0.010	mg/L	1	04/02/04 15:08 ✓	18401
<b>NITROGEN, AMMONIA</b>		<b>E350.1</b>		<b>PrepDate:</b>		<b>Analyst: SST</b>		
Nitrogen, Ammonia (As N)	0.40	U	0.40	2.0	mg/L	100	03/26/04 15:07 ✓	R24457
<b>NITROGEN, NITRATE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55 ✓	R24849
<b>NITROGEN, NITRATE-NITRITE</b>		<b>E353.2</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
Nitrogen, Nitrate-Nitrite	0.049		0.010	0.040	mg/L	1	04/02/04 ✓	R24849 -
<b>PH</b>		<b>E150.1</b>		<b>PrepDate:</b>		<b>Analyst: SUB</b>		
pH	7.40	Q	0.100	0.100	pH units	1	03/24/04 16:20 ✓	R24849
<b>SOLIDS, TOTAL DISSOLVED</b>		<b>E160.1</b>		<b>PrepDate: 3/25/2004</b>		<b>Analyst: MMA</b>		
Solids, Total Dissolved	4600	*	1.2	5.0	mg/L	1	03/25/04 -	18230
<b>SULFIDE</b>		<b>SW9034</b>		<b>PrepDate:</b>		<b>Analyst: TSHE</b>		
Sulfide	1.6	U	1.6	0.50	mg/L	5	03/25/04 ✓	R24418
<b>ANTIMONY BY GFAA</b>		<b>SW7041</b>		<b>PrepDate: 3/26/2004 9:30:00 A</b>		<b>Analyst: TPE</b>		
Antimony	0.00035	U	0.00035	0.0030	mg/L	1	03/30/04 10:44 ✓	18238
<b>ICP METALS</b>		<b>SW6010</b>		<b>PrepDate: 3/26/2004 9:21:00 A</b>		<b>Analyst: JCO</b>		
Arsenic	0.041		0.0020	0.010	mg/L	1	03/26/04 19:34 ✓	18241
Barium	0.090		0.000074	0.010	mg/L	1	03/26/04 19:34	18241
Beryllium	0.00012	U	0.00012	0.0010	mg/L	1	03/26/04 19:34	18241
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	03/26/04 19:34	18241
Chromium	0.042		0.00060	0.0050	mg/L	1	03/26/04 19:34	18241
Cobalt	0.021		0.0015	0.010	mg/L	1	03/26/04 19:34	18241
Copper	0.0076		0.00058	0.0050	mg/L	1	03/26/04 19:34	18241
Iron	3.8	*	0.013	0.040	mg/L	1	03/26/04 19:34	18241

<b>Data</b>	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V Analyte detected in the associated Method Blank		



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030694  
**Project:** CCSWD Annual Leach 3  
**Lab ID:** F04030694-001

**Client Sample ID:** 03-24-04CCLEA3  
**Collection Date:** 3/24/2004 11:00:00 AM  
**Sample Description:** Leachate 3  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ICP METALS</b>		<b>SW6010</b>		<b>PrepDate: 3/26/2004 9:21:00 A</b>		<b>Analyst: JCO</b>		
Lead	0.0018	U	0.0018	0.010	mg/L	1	03/26/04 19:34	18241
Nickel	0.058		0.0020	0.0050	mg/L	1	03/26/04 19:34	18241
Selenium	0.0040	U	0.0040	0.015	mg/L	1	03/26/04 19:34	18241
Silver	0.0016	I	0.0014	0.0050	mg/L	1	03/26/04 19:34	18241
Sodium	870		0.46	2.0	mg/L	2	03/29/04 16:59	18241
Tin	0.0027	U	0.0027	0.050	mg/L	1	03/26/04 19:34	18241
Vanadium	0.033		0.00040	0.010	mg/L	1	03/26/04 19:34	18241
Zinc	0.0060	I	0.0023	0.020	mg/L	1	03/26/04 19:34	18241
<b>MERCURY</b>		<b>SW7470</b>		<b>PrepDate: 3/29/2004 2:21:00 P</b>		<b>Analyst: TPE</b>		
Mercury	0.000054	IV	0.000036	0.00020	mg/L	1	03/30/04 08:55	-18283
<b>THALLIUM BY GFAA</b>		<b>SW7841</b>		<b>PrepDate: 3/26/2004 9:30:00 A</b>		<b>Analyst: TPE</b>		
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	03/30/04	18238
<b>8011: EDB AND DBCP</b>		<b>SW8011</b>		<b>PrepDate: 3/31/2004 7:50:00 A</b>		<b>Analyst: EM</b>		
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	04/01/04	18325
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	04/01/04	18325
Surr: 4-Bromofluorobenzene	109		0		%REC	1	04/01/04	18325
<b>8081: PESTICIDES, ORGANOCHLORINE</b>		<b>SW8081</b>		<b>PrepDate: 3/26/2004 8:30:00 A</b>		<b>Analyst: DVA</b>		
Aldrin	0.010	U	0.010	0.0050	µg/L	1	03/29/04	18243
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/29/04	18243
beta-BHC	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
delta-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
gamma-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
Chlordane	0.14	U	0.14	0.50	µg/L	1	03/29/04	18243
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/29/04	18243
4,4'-DDD	0.017	U	0.017	0.020	µg/L	1	03/29/04	18243
4,4'-DDE	0.010	U	0.010	0.020	µg/L	1	03/29/04	18243
4,4'-DDT	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
Dieldrin	0.0080	U	0.0080	0.0050	µg/L	1	03/29/04	18243
Endosulfan I	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
Endosulfan II	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Endosulfan sulfate	0.012	U	0.012	0.020	µg/L	1	03/29/04	18243
Endrin	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
Endrin aldehyde	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Heptachlor	0.0070	U	0.0070	0.020	µg/L	1	03/29/04	18243

**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:** **V** Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030694  
**Project:** CCSWD Annual Leach 3  
**Lab ID:** F04030694-001

**Client Sample ID:** 03-24-04CCLEA3  
**Collection Date:** 3/24/2004 11:00:00 AM  
**Sample Description:** Leachate 3  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8081: PESTICIDES, ORGANOCHLORINE</b>			<b>SW8081</b>	PrepDate: 3/26/2004 8:30:00 A		Analyst: DVA		
Heptachlor epoxide	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
Hexachlorobenzene	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
Hexachlorocyclopentadiene	0.0060	U	0.0060	0.020	µg/L	1	03/29/04	18243
Methoxychlor	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/29/04	18243
Toxaphene	0.43	U	0.43	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	39.3		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	36.4		0		%REC	1	03/29/04	18243
<b>8082: POLYCHLORINATED BIPHENYLS</b>			<b>SW8082</b>	PrepDate: 3/26/2004 8:30:00 A		Analyst: DVA		
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/29/04	18243
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	39.3		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	36.4		0		%REC	1	03/29/04	18243
<b>8141: PESTICIDES, ORGANOPHOSPHORUS</b>			<b>SW8141</b>	PrepDate: 3/25/2004 2:30:00 P		Analyst: JZV		
Chlorfenvinphos	0.23	U	0.23	0.51	µg/L	1	03/28/04	18191
Dimethoate	0.14	U	0.14	0.51	µg/L	1	03/28/04	18191
Disulfoton	0.20	U	0.20	0.51	µg/L	1	03/28/04	18191
Famphur	0.23	U	0.23	0.51	µg/L	1	03/28/04	18191
Parathion, Ethyl	0.35	U	0.35	1.0	µg/L	1	03/28/04	18191
Parathion, Methyl	0.20	U	0.20	0.51	µg/L	1	03/28/04	18191
Phorate	0.38	U	0.38	1.0	µg/L	1	03/28/04	18191
Surr: 4-Chloro-3-nitrobenzotrifluoride	70.6		0		%REC	1	03/28/04	18191
<b>8151: HERBICIDES, CHLORINATED BY GC</b>			<b>SW8151</b>	PrepDate: 3/26/2004 1:00:00 P		Analyst: EM		
2,4-D	0.15	U	0.15	0.10	µg/L	1	04/02/04	18255
Dinoseb	0.090	U	0.090	0.20	µg/L	1	04/02/04	18255
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	04/02/04	18255
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	04/02/04	18255
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	04/02/04	18255
Surr: DCAA	92.7		0		%REC	1	04/02/04	18255

**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:** V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030694  
 Project: CCSWD Annual Leach 3  
 Lab ID: F04030694-001

Client Sample ID: 03-24-04CCLEA3  
 Collection Date: 3/24/2004 11:00:00 AM  
 Sample Description: Leachate 3  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>					<b>PrepDate: 3/29/2004</b>	<b>Analyst: LGO</b>
Acetone	43		0.91	10	µg/L	1	03/30/04 04:21	18313
Acetonitrile	2.4	U	2.4	10	µg/L	1	03/30/04 04:21	18313
Acrolein	2.0	U	2.0	10	µg/L	1	03/30/04 04:21	18313
Acrylonitrile	0.93	U	0.93	10	µg/L	1	03/30/04 04:21	18313
Allyl chloride	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:21	18313
Benzene	10	U	0.31	1.0	µg/L	1	03/30/04 04:21	18313
Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	03/30/04 04:21	18313
Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	03/30/04 04:21	18313
Bromoform	0.11	U	0.11	1.0	µg/L	1	03/30/04 04:21	18313
Bromomethane	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:21	18313
2-Butanone	50		0.29	10	µg/L	1	03/30/04 04:21	18313
Carbon disulfide	0.25	U	0.25	1.0	µg/L	1	03/30/04 04:21	18313
Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	03/30/04 04:21	18313
Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:21	18313
Chloroethane	0.16	U	0.16	1.0	µg/L	1	03/30/04 04:21	18313
Chloroform	0.28	U	0.28	1.0	µg/L	1	03/30/04 04:21	18313
Chloromethane	0.31	U	0.31	1.0	µg/L	1	03/30/04 04:21	18313
Chloroprene	0.27	U	0.27	1.0	µg/L	1	03/30/04 04:21	18313
Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	03/30/04 04:21	18313
Dibromomethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 04:21	18313
trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	03/30/04 04:21	18313
Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	03/30/04 04:21	18313
1,1-Dichloroethane	1.8		0.30	1.0	µg/L	1	03/30/04 04:21	18313
1,2-Dichloroethane	2.7		0.10	1.0	µg/L	1	03/30/04 04:21	18313
1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:21	18313
cis-1,2-Dichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 04:21	18313
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/30/04 04:21	18313
1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	03/30/04 04:21	18313
1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	03/30/04 04:21	18313
2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	03/30/04 04:21	18313
1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	03/30/04 04:21	18313
cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	03/30/04 04:21	18313
trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	03/30/04 04:21	18313
Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	03/30/04 04:21	18313
Ethylbenzene	57		0.12	1.0	µg/L	1	03/30/04 04:21	18313
Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	03/30/04 04:21	18313

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: V Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030694  
**Project:** CCSWD Annual Leach 3  
**Lab ID:** F04030694-001

**Client Sample ID:** 03-24-04CCLEA3  
**Collection Date:** 3/24/2004 11:00:00 AM  
**Sample Description:** Leachate 3  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 3/29/2004		Analyst: LGO			
2-Hexanone	0.26	U	0.26	10	µg/L	1	03/30/04 04:21	18313
Iodomethane	0.38	U	0.38	1.0	µg/L	1	03/30/04 04:21	18313
Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	03/30/04 04:21	18313
Methacrylonitrile	0.71	U	0.71	10	µg/L	1	03/30/04 04:21	18313
Methyl methacrylate	0.15	U	0.15	10	µg/L	1	03/30/04 04:21	18313
4-Methyl-2-pentanone	2.3	I	0.21	10	µg/L	1	03/30/04 04:21	18313
Methylene chloride	0.26	U	0.26	5.0	µg/L	1	03/30/04 04:21	18313
Propionitrile	1.8	U	1.8	10	µg/L	1	03/30/04 04:21	18313
Styrene	1.2		0.17	1.0	µg/L	1	03/30/04 04:21	18313
1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 04:21	18313
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	03/30/04 04:21	18313
Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	03/30/04 04:21	18313
Toluene	7.8		0.10	1.0	µg/L	1	03/30/04 04:21	18313
1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	03/30/04 04:21	18313
1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 04:21	18313
Trichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 04:21	18313
Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	03/30/04 04:21	18313
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	03/30/04 04:21	18313
Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	03/30/04 04:21	18313
Vinyl chloride	1.2	No	0.14	1.0	µg/L	1	03/30/04 04:21	18313
Xylenes, Total	150		0.29	1.0	µg/L	1	03/30/04 04:21	18313
Surr: 4-Bromofluorobenzene	102		0		%REC	1	03/30/04 04:21	18313
Surr: Dibromofluoromethane	106		0		%REC	1	03/30/04 04:21	18313
Surr: Toluene-d8	97.3		0		%REC	1	03/30/04 04:21	18313
Surr: 1,2-Dichloroethane-d4	116		0		%REC	1	03/30/04 04:21	18313
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
Kepone	1.5	U	1.5	5.0	µg/L	1	04/08/04 23:43	18251
Acenaphthene	0.80	U	0.80	5.0	µg/L	1	04/08/04 23:43	18251
Acenaphthylene	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Acetophenone	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
2-Acetylaminofluorene	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	04/08/04 23:43	18251
Anthracene	0.57	U	0.57	5.0	µg/L	1	04/08/04 23:43	18251
Benzo(a)anthracene	0.64	U	0.64	5.0	µg/L	1	04/08/04 23:43	18251
Benzo(a)pyrene	0.69	U	0.69	1.0	µg/L	1	04/08/04 23:43	18251

**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:** V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030694  
 Project: CCSWD Annual Leach 3  
 Lab ID: F04030694-001

Client Sample ID: 03-24-04CCLEA3  
 Collection Date: 3/24/2004 11:00:00 AM  
 Sample Description: Leachate 3  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>								
		<b>SW8270</b>					<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
Benzo(b)fluoranthene	0.81	U	0.81	2.0	µg/L	1	04/08/04 23:43	18251
Benzo(g,h,i)perylene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
Benzo(k)fluoranthene	0.66	U	0.66	4.0	µg/L	1	04/08/04 23:43	18251
Benzyl alcohol	0.65	U	0.65	5.0	µg/L	1	04/08/04 23:43	18251
Bis(2-chloroethoxy)methane	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
Bis(2-chloroethyl)ether	1.3	U	1.3	4.0	µg/L	1	04/08/04 23:43	18251
Bis(2-chloroisopropyl)ether	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Bis(2-ethylhexyl)phthalate	0.78	U	0.78	5.0	µg/L	1	04/08/04 23:43	18251
4-Bromophenyl phenyl ether	0.64	U	0.64	5.0	µg/L	1	04/08/04 23:43	18251
Butyl benzyl phthalate	0.78	U	0.78	5.0	µg/L	1	04/08/04 23:43	18251
4-Chloro-3-methylphenol	1.8	U	1.8	20	µg/L	1	04/08/04 23:43	18251
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
2-Chloronaphthalene	0.65	U	0.65	5.0	µg/L	1	04/08/04 23:43	18251
2-Chlorophenol	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
4-Chlorophenyl phenyl ether	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
Chrysene	0.58	U	0.58	5.0	µg/L	1	04/08/04 23:43	18251
Diallate	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
Dibenzo(a,h)anthracene	0.85	U	0.85	2.0	µg/L	1	04/08/04 23:43	18251
Dibenzofuran	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
1,2-Dichlorobenzene	0.95	U	0.95	5.0	µg/L	1	04/08/04 23:43	18251
1,3-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
1,4-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
3,3'-Dichlorobenzidine	0.58	U	0.58	10	µg/L	1	04/08/04 23:43	18251
2,4-Dichlorophenol	0.98	U	0.98	2.0	µg/L	1	04/08/04 23:43	18251
2,6-Dichlorophenol	1.2	U	1.2	4.0	µg/L	1	04/08/04 23:43	18251
Diethyl phthalate	1.4	U	1.4	5.0	µg/L	1	04/08/04 23:43	18251
Dimethyl phthalate	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
p-Dimethylaminoazobenzene	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	04/08/04 23:43	18251
3,3'-Dimethylbenzidine	2.3	U	2.3	10	µg/L	1	04/08/04 23:43	18251
2,4-Dimethylphenol	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
Di-n-butyl phthalate	0.70	U	0.70	5.0	µg/L	1	04/08/04 23:43	18251
4,6-Dinitro-2-methylphenol	1.1	U	1.1	20	µg/L	1	04/08/04 23:43	18251
1,2-Dinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
1,3-Dinitrobenzene	1.2	U	1.2	8.0	µg/L	1	04/08/04 23:43	18251
2,4-Dinitrophenol	2.0	U	2.0	20	µg/L	1	04/08/04 23:43	18251

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: V Analyte detected in the associated Method Blank





ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030694  
 Project: CCSWD Annual Leach 3  
 Lab ID: F04030694-001

Client Sample ID: 03-24-04CCLEA3  
 Collection Date: 3/24/2004 11:00:00 AM  
 Sample Description: Leachate 3  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>					PrepDate: 3/26/2004 2:20:00 P	Analyst: TKA
2,4-Dinitrotoluene	1.4	U	1.4	2.0	µg/L	1	04/08/04 23:43	18251
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	04/08/04 23:43	18251
Di-n-octyl phthalate	0.69	U	0.69	5.0	µg/L	1	04/08/04 23:43	18251
1,2-Diphenylhydrazine	0.94	U	0.94	5.0	µg/L	1	04/08/04 23:43	18251
Ethyl methanesulfonate	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Fluoranthene	0.53	U	0.53	5.0	µg/L	1	04/08/04 23:43	18251
Fluorene	1.4	U	1.4	5.0	µg/L	1	04/08/04 23:43	18251
Hexachlorobenzene	0.59	U	0.59	1.0	µg/L	1	04/08/04 23:43	18251
Hexachlorocyclopentadiene	3.6	U	3.6	5.0	µg/L	1	04/08/04 23:43	18251
Hexachloroethane	1.5	U	1.5	5.0	µg/L	1	04/08/04 23:43	18251
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	04/08/04 23:43	18251
Indeno(1,2,3-cd)pyrene	1.2	U	1.2	2.0	µg/L	1	04/08/04 23:43	18251
Isodrin	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Isophorone	0.99	U	0.99	5.0	µg/L	1	04/08/04 23:43	18251
Isosafrole	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
Methapyrilene	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
Methyl methanesulfonate	1.5	U	1.5	5.0	µg/L	1	04/08/04 23:43	18251
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
2-Methylnaphthalene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
2-Methylphenol	1.5	U	1.5	5.0	µg/L	1	04/08/04 23:43	18251
3&4-Methylphenol	2.2	U	2.2	10	µg/L	1	04/08/04 23:43	18251
Naphthalene	4.2	I	0.86	5.0	µg/L	1	04/08/04 23:43	18251
1-Naphthylamine	1.4	U	1.4	5.0	µg/L	1	04/08/04 23:43	18251
2-Naphthylamine	1.7	U	1.7	5.0	µg/L	1	04/08/04 23:43	18251
1,4-Naphthoquinone	1.4	U	1.4	5.0	µg/L	1	04/08/04 23:43	18251
2-Nitroaniline	1.6	U	1.6	5.0	µg/L	1	04/08/04 23:43	18251
3-Nitroaniline	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
4-Nitroaniline	1.5	U	1.5	4.0	µg/L	1	04/08/04 23:43	18251
Nitrobenzene	1.4	U	1.4	4.0	µg/L	1	04/08/04 23:43	18251
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
2-Nitrophenol	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
4-Nitrophenol	0.99	U	0.99	20	µg/L	1	04/08/04 23:43	18251
N-Nitrosodiethylamine	1.5	U	1.5	4.0	µg/L	1	04/08/04 23:43	18251
N-Nitrosodimethylamine	0.63	U	0.63	2.0	µg/L	1	04/08/04 23:43	18251
N-Nitroso-di-n-butylamine	1.0	U	1.0	4.0	µg/L	1	04/08/04 23:43	18251
N-Nitroso-di-n-propylamine	1.2	U	1.2	4.0	µg/L	1	04/08/04 23:43	18251

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: V Analyte detected in the associated Method Blank



## Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030694  
**Project:** CCSWD Annual Leach 3  
**Lab ID:** F04030694-001

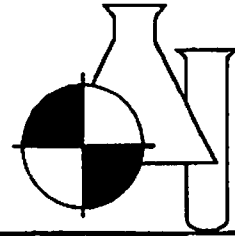
**Client Sample ID:** 03-24-04CCLEA3  
**Collection Date:** 3/24/2004 11:00:00 AM  
**Sample Description:** Leachate 3  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
N-Nitrosodiphenylamine	0.67	U	0.67	5.0	µg/L	1	04/08/04 23:43	18251
N-Nitrosomethylethylamine	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
N-Nitrosopiperidine	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
N-Nitrosopyrrolidine	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Pentachlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
Phenacetin	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
Phenanthrene	0.73	U	0.73	5.0	µg/L	1	04/08/04 23:43	18251
Phenol	0.55	U	0.55	5.0	µg/L	1	04/08/04 23:43	18251
1,4-Phenylenediamine	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
Pronamide	1.1	U	1.1	5.0	µg/L	1	04/08/04 23:43	18251
Pyrene	0.72	U	0.72	5.0	µg/L	1	04/08/04 23:43	18251
Safrole	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	04/08/04 23:43	18251
Thionazin	1.0	U	1.0	5.0	µg/L	1	04/08/04 23:43	18251
o-Toluidine	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
1,2,4-Trichlorobenzene	0.85	U	0.85	5.0	µg/L	1	04/08/04 23:43	18251
2,4,5-Trichlorophenol	1.7	U	1.7	4.0	µg/L	1	04/08/04 23:43	18251
2,4,6-Trichlorophenol	0.93	U	0.93	2.0	µg/L	1	04/08/04 23:43	18251
o,o,o-Triethylphosphorothioate	1.3	U	1.3	5.0	µg/L	1	04/08/04 23:43	18251
1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/08/04 23:43	18251
Surr: 2-Fluorobiphenyl	77.1		0		%REC	1	04/08/04 23:43	18251
Surr: 2-Fluorophenol	35.6		0		%REC	1	04/08/04 23:43	18251
Surr: Nitrobenzene-d5	85.8		0		%REC	1	04/08/04 23:43	18251
Surr: Phenol-d6	30.4		0		%REC	1	04/08/04 23:43	18251
Surr: p-Terphenyl-d14	89.0		0		%REC	1	04/08/04 23:43	18251
Surr: 2,4,6-Tribromophenol	72.1		0		%REC	1	04/08/04 23:43	18251
<b>NITROGEN, NITRITE (SUBCONTRACT)</b>		<b>SM4500-NO2 B</b>	PrepDate:		Analyst: SUB			
Nitrogen, Nitrite	0.23		0.010	0.040	mg/L	1	03/25/04 08:55	R24849

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V	Analyte detected in the associated Method Blank		

# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

FOA030694

Submission Number 4030777

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

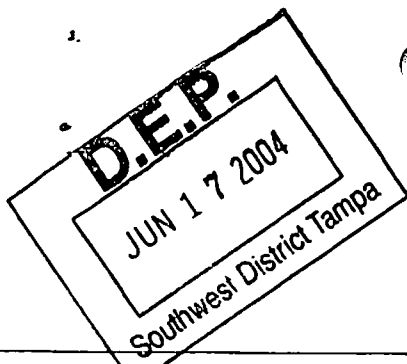
Project Name: ANNUAL LEACH 3  
Date Received: 03/24/2004  
Time Received: 1503

Attn: Jamie Rexroat

Submission Number 4030777

Sample Number: 1                      Sample Description: C C L E A 3  
Sample Date: 03/24/2004              Sample Method: Grab  
Sample Time: 1100

Parameter	Result	Units	Detection Limit	Procedure	Analysis		Analyst
					Date	Time	
PH	7.40	UNITS	0.1	150.1	03/24/2003	16:20	TB
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	03/25/2004	08:55	KJG
NITRATE+NITRITE	0.049	MG/L	0.01	353.2	04/02/2004		KJG
NITRITE NITROGEN	0.226 K	MG/L	0.01	SM4500NO2B	03/25/2004	08:55	KJG



CCSWD Annual Leach 4

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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
<b>INORGANICS</b>									
00403	pH		N	E150.1	3/24/2004	7.20	Q	pH units	0.100
70300	Solids, Total Dissolved		N	E160.1	3/29/2004	2700		mg/L	1.2
00940	Chloride		N	E300.0	3/30/2004	590		mg/L	1.8
00945	Sulfate		N	E300.0	3/30/2004	31		mg/L	2.6
00610	Nitrogen, Ammonia (As N)		N	E350.1	3/26/2004	0.20	U	mg/L	0.20
00620	Nitrogen, Nitrate		N	E353.2	3/25/2004	0.010	U	mg/L	0.010
00630	Nitrogen, Nitrate-Nitrite		N	E353.2	3/29/2004	0.010	U	mg/L	0.010
00440	Alkalinity, Bicarbonate (As CaCO3)		N	SM2320	3/30/2004	2700		mg/L	0.16
00430	Alkalinity, Carbonate (As CaCO3)		N	SM2320	3/30/2004	0.16	U	mg/L	0.16
00410	Alkalinity, Total (As CaCO3)		N	SM2320	3/30/2004	2700		mg/L	0.16
00720	Cyanide		N	SW9012	4/2/2004	0.0050	I	mg/L	0.0027
00745	Sulfide		N	SW9034	3/25/2004	6.1		mg/L	0.65
<b>METALS</b>									
01002	Arsenic		N	SW6010	3/26/2004	47		µg/L	2.0
01007	Barium		N	SW6010	3/26/2004	75		µg/L	0.074
01012	Beryllium		N	SW6010	3/26/2004	0.12	U	µg/L	0.12
01027	Cadmium		N	SW6010	3/26/2004	0.24	U	µg/L	0.24
01034	Chromium		N	SW6010	3/26/2004	56		µg/L	0.60
01037	Cobalt		N	SW6010	3/26/2004	15		µg/L	1.5
01042	Copper		N	SW6010	3/26/2004	4.1	I	µg/L	0.58
01045	Iron		N	SW6010	3/26/2004	240		µg/L	13
01051	Lead		N	SW6010	3/26/2004	1.8	U	µg/L	1.8
01067	Nickel		N	SW6010	3/26/2004	36		µg/L	2.0
01147	Selenium		N	SW6010	3/26/2004	4.0	U	µg/L	4.0
01077	Silver		N	SW6010	3/28/2004	1.4	U	µg/L	1.4
00929	Sodium		N	SW6010	3/26/2004	500000		µg/L	230
01102	Tin		N	SW6010	3/26/2004	2.7	U	µg/L	2.7
01087	Vanadium		N	SW6010	3/26/2004	29		µg/L	0.40
01092	Zinc		N	SW6010	3/26/2004	9.5	I	µg/L	2.3
01097	Antimony		N	SW7041	3/30/2004	1.4	I	µg/L	0.35
71900	Mercury		N	SW7470	4/1/2004	0.036	U	µg/L	0.036

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
01059	Thallium		N	SW7841	3/30/2004	/ 0.29	IV	µg/L	0.25
<b>ORGANICS</b>									
49146	1,2-Dibromo-3-chloropropane		N	SW8011	4/1/2004	0.0041	U	µg/L	0.0041
77651	Ethylene Dibromide		N	SW8011	4/1/2004	0.0038	U	µg/L	0.0038
39330	Aldrin		N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39337	alpha-BHC		N	SW8081	3/29/2004	0.0040	U	µg/L	0.0040
39338	beta-BHC		N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
46323	delta-BHC		N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39340	gamma-BHC		N	SW8081	3/29/2004	0.0050	U	µg/L	0.0050
39350	Chlordane		N	SW8081	3/29/2004	0.14	U	µg/L	0.14
39460	Chlorobenzilate		N	SW8081	3/29/2004	0.080	U	µg/L	0.080
39360	4,4'-DDD		N	SW8081	3/29/2004	0.017	U	µg/L	0.017
39365	4,4'-DDE		N	SW8081	3/29/2004	0.010	U	µg/L	0.010
39370	4,4'-DDT		N	SW8081	3/29/2004	0.013	U	µg/L	0.013
39380	Dieldrin		N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
34361	Endosulfan I		N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34356	Endosulfan II		N	SW8081	3/29/2004	0.011	U	µg/L	0.011
34351	Endosulfan sulfate		N	SW8081	3/29/2004	0.012	U	µg/L	0.012
39390	Endrin		N	SW8081	3/29/2004	0.013	U	µg/L	0.013
34366	Endrin aldehyde		N	SW8081	3/29/2004	0.011	U	µg/L	0.011
39410	Heptachlor		N	SW8081	3/29/2004	0.0070	U	µg/L	0.0070
39420	Heptachlor epoxide		N	SW8081	3/29/2004	0.0080	U	µg/L	0.0080
39700	Hexachlorobenzene		N	SW8081	3/29/2004	0.0090	U	µg/L	0.0090
34386	Hexachlorocyclopentadiene		N	SW8081	3/29/2004	0.0060	U	µg/L	0.0060
39480	Methoxychlor		N	SW8081	3/29/2004	0.011	U	µg/L	0.011
81316	Pentachloronitrobenzene		N	SW8081	3/29/2004	0.027	U	µg/L	0.027
39400	Toxaphene		N	SW8081	3/29/2004	0.43	U	µg/L	0.43
34671	Aroclor 1016		N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39488	Aroclor 1221		N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39492	Aroclor 1232		N	SW8082	3/29/2004	0.11	U	µg/L	0.11
39496	Aroclor 1242		N	SW8082	3/29/2004	0.16	U	µg/L	0.16
39500	Aroclor 1248		N	SW8082	3/29/2004	0.13	U	µg/L	0.13

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

**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis			Detection Limits
						Result	Q	Units	
39504	Aroclor 1254		N	SW8082	3/29/2004	0.10	U	µg/L	0.10
39508	Aroclor 1260		N	SW8082	3/29/2004	0.11	U	µg/L	0.11
	Chlorfenvinphos		N	SW8141	3/28/2004	0.23	U	µg/L	0.23
46314	Dimethoate		N	SW8141	3/28/2004	0.14	U	µg/L	0.14
81888	Disulfoton		N	SW8141	3/28/2004	0.21	U	µg/L	0.21
38462	Famphur		N	SW8141	3/28/2004	0.23	U	µg/L	0.23
39540	Parathion, Ethyl		N	SW8141	3/28/2004	0.36	U	µg/L	0.36
39600	Parathion, Methyl		N	SW8141	3/28/2004	0.20	U	µg/L	0.20
46313	Phorate		N	SW8141	3/28/2004	0.39	U	µg/L	0.39
39730	2,4-D		N	SW8151	4/2/2004	0.15	U	µg/L	0.15
81287	Dinoseb		N	SW8151	4/2/2004	0.090	U	µg/L	0.090
39032	Pentachlorophenol		N	SW8151	4/2/2004	0.030	U	µg/L	0.030
39740	2,4,5-T		N	SW8151	4/2/2004	0.020	U	µg/L	0.020
39760	2,4,5-TP (Silvex)		N	SW8151	4/2/2004	0.030	U	µg/L	0.030
81552	Acetone		N	SW8260	3/30/2004	✓26		µg/L	0.91
76997	Acetonitrile		N	SW8260	3/30/2004	2.4	U	µg/L	2.4
34210	Acrolein		N	SW8260	3/30/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile		N	SW8260	3/30/2004	0.93	U	µg/L	0.93
78109	Allyl chloride		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34030	Benzene		N	SW8260	3/30/2004	✓6.5		µg/L	0.31
73085	Bromochloromethane		N	SW8260	3/30/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
32104	Bromofom		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34413	Bromomethane		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
81595	2-Butanone		N	SW8260	3/30/2004	0.29	U	µg/L	0.29
77041	Carbon disulfide		N	SW8260	3/30/2004	7.0 6.9		µg/L	0.25
32102	Carbon tetrachloride		N	SW8260	3/30/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34311	Chloroethane		N	SW8260	3/30/2004	0.16	U	µg/L	0.16
32106	Chloroform		N	SW8260	3/30/2004	0.28	U	µg/L	0.28
34418	Chloromethane		N	SW8260	3/30/2004	0.31	U	µg/L	0.31
81520	Chloroprene		N	SW8260	3/30/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane		N	SW8260	3/30/2004	0.16	U	µg/L	0.16

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: V Analyte detected in the associated Method Blank



**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis			Detection Limits
						Result	Q	Units	
77596	Dibromomethane		N	SW8260	3/30/2004	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene		N	SW8260	3/30/2004	0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane		N	SW8260	3/30/2004	0.52	U	µg/L	0.52
34496	1,1-Dichloroethane		N	SW8260	3/30/2004	0.92	I	µg/L	0.30
34531	1,2-Dichloroethane		N	SW8260	3/30/2004	1.1		µg/L	0.10
34501	1,1-Dichloroethene		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34546	trans-1,2-Dichloroethene		N	SW8260	3/30/2004	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
77173	1,3-Dichloropropane		N	SW8260	3/30/2004	0.50	U	µg/L	0.50
77170	2,2-Dichloropropane		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77168	1,1-Dichloropropene		N	SW8260	3/30/2004	0.060	U	µg/L	0.060
34704	cis-1,3-Dichloropropene		N	SW8260	3/30/2004	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
73570	Ethyl methacrylate		N	SW8260	3/30/2004	0.48	U	µg/L	0.48
34371	Ethylbenzene		N	SW8260	3/30/2004	0.53		µg/L	0.12
34391	Hexachlorobutadiene		N	SW8260	3/30/2004	0.34	U	µg/L	0.34
77103	2-Hexanone		N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77424	Iodomethane		N	SW8260	3/30/2004	0.38	U	µg/L	0.38
77033	Isobutyl Alcohol		N	SW8260	3/30/2004	2.7	U	µg/L	2.7
81593	Methacrylonitrile		N	SW8260	3/30/2004	0.71	U	µg/L	0.71
81597	Methyl methacrylate		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone		N	SW8260	3/30/2004	0.87	I	µg/L	0.21
34423	Methylene chloride		N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77007	Propionitrile		N	SW8260	3/30/2004	1.8	U	µg/L	1.8
77128	Styrene		N	SW8260	3/30/2004	0.65	I	µg/L	0.17
77562	1,1,1,2-Tetrachloroethane		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34475	Tetrachloroethene		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34010	Toluene		N	SW8260	3/30/2004	0.9		µg/L	0.10
34506	1,1,1-Trichloroethane		N	SW8260	3/30/2004	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane		N	SW8260	3/30/2004	0.13	U	µg/L	0.13
39180	Trichloroethene		N	SW8260	3/30/2004	0.15	U	µg/L	0.15

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34488	Trichlorofluoromethane		N	SW8260	3/30/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane		N	SW8260	3/30/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride		N	SW8260	3/30/2004	2.1		µg/L	0.14
34020	Xylenes, Total		N	SW8260	3/30/2004	100		µg/L	0.29
	Kepona		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34205	Acenaphthene		N	SW8270	4/9/2004	0.80	U	µg/L	0.80
34200	Acenaphthylene		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
81553	Acetophenone		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
82204	2-Acetylaminofluorene		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
77581	4-Aminobiphenyl		N	SW8270	4/9/2004	2.8	U	µg/L	2.8
34220	Anthracene		N	SW8270	4/9/2004	0.57	U	µg/L	0.57
34526	Benzo(a)anthracene		N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34247	Benzo(a)pyrene		N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34230	Benzo(b)fluoranthene		N	SW8270	4/9/2004	0.81	U	µg/L	0.81
34521	Benzo(g,h,i)perylene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34242	Benzo(k)fluoranthene		N	SW8270	4/9/2004	0.66	U	µg/L	0.66
77147	Benzyl alcohol		N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34278	Bis(2-chloroethoxy)methane		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34273	Bis(2-chloroethyl)ether		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73522	Bis(2-chloroisopropyl)ether		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
39100	Bis(2-ethylhexyl)phthalate		N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34636	4-Bromophenyl phenyl ether		N	SW8270	4/9/2004	0.64	U	µg/L	0.64
34292	Butyl benzyl phthalate		N	SW8270	4/9/2004	0.78	U	µg/L	0.78
34452	4-Chloro-3-methylphenol		N	SW8270	4/9/2004	1.8	U	µg/L	1.8
73529	4-Chloroaniline		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34581	2-Chloronaphthalene		N	SW8270	4/9/2004	0.65	U	µg/L	0.65
34586	2-Chlorophenol		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34641	4-Chlorophenyl phenyl ether		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34320	Chrysene		N	SW8270	4/9/2004	0.58	U	µg/L	0.58
73540	Diallate		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34556	Dibenzo(a,h)anthracene		N	SW8270	4/9/2004	0.85	U	µg/L	0.85
81302	Dibenzofuran		N	SW8270	4/9/2004	1.1	U	µg/L	1.1

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: V Analyte detected in the associated Method Blank



**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34536	1,2-Dichlorobenzene		N	SW8270	4/9/2004	0.95	U	µg/L	0.95
34566	1,3-Dichlorobenzene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34571	1,4-Dichlorobenzene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34631	3,3'-Dichlorobenzidine		N	SW8270	4/9/2004	0.58	U	µg/L	0.58
34601	2,4-Dichlorophenol		N	SW8270	4/9/2004	0.98	U	µg/L	0.98
77541	2,6-Dichlorophenol		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34336	Diethyl phthalate		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34341	Dimethyl phthalate		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73558	p-Dimethylaminoazobenzene		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
73559	7,12-Dimethylbenz(a)anthracene		N	SW8270	4/9/2004	2.0	U	µg/L	2.0
73560	3,3'-Dimethylbenzidine		N	SW8270	4/9/2004	2.3	U	µg/L	2.3
34606	2,4-Dimethylphenol		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
39110	Di-n-butyl phthalate		N	SW8270	4/9/2004	0.70	U	µg/L	0.70
34657	4,6-Dinitro-2-methylphenol		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
	1,2-Dinitrobenzene		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
45622	1,3-Dinitrobenzene		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34616	2,4-Dinitrophenol		N	SW8270	4/9/2004	2.0	U	µg/L	2.0
34611	2,4-Dinitrotoluene		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34626	2,6-Dinitrotoluene		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34596	Di-n-octyl phthalate		N	SW8270	4/9/2004	0.69	U	µg/L	0.69
34346	1,2-Diphenylhydrazine		N	SW8270	4/9/2004	0.94	U	µg/L	0.94
73571	Ethyl methanesulfonate		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34376	Fluoranthene		N	SW8270	4/9/2004	0.53	U	µg/L	0.53
34381	Fluorene		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
39700	Hexachlorobenzene		N	SW8270	4/9/2004	0.59	U	µg/L	0.59
34386	Hexachlorocyclopentadiene		N	SW8270	4/9/2004	3.6	U	µg/L	3.6
34396	Hexachloroethane		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73576	Hexachloropropene		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
34403	Indeno(1,2,3-cd)pyrene		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39430	Isodrin		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34408	Isophorone		N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73582	Isosafrole		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73589	Methapyrilene		N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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: V Analyte detected in the associated Method Blank

**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
73595	Methyl methanesulfonate		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
73591	3-Methylcholanthrene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77416	2-Methylnaphthalene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77152	2-Methylphenol		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
77146	3&4-Methylphenol		N	SW8270	4/9/2004	2.2	U	µg/L	2.2
34696	Naphthalene		N	SW8270	4/9/2004	3.3	I	µg/L	0.86
73600	1-Naphthylamine		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73601	2-Naphthylamine		N	SW8270	4/9/2004	1.7	U	µg/L	1.7
73599	1,4-Napthoquinone		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
78142	2-Nitroaniline		N	SW8270	4/9/2004	1.6	U	µg/L	1.6
78300	3-Nitroaniline		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73605	4-Nitroaniline		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34447	Nitrobenzene		N	SW8270	4/9/2004	1.4	U	µg/L	1.4
73622	5-Nitro-o-toluidine		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34591	2-Nitrophenol		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34646	4-Nitrophenol		N	SW8270	4/9/2004	0.99	U	µg/L	0.99
73611	N-Nitrosodiethylamine		N	SW8270	4/9/2004	1.5	U	µg/L	1.5
34438	N-Nitrosodimethylamine		N	SW8270	4/9/2004	0.63	U	µg/L	0.63
73609	N-Nitroso-di-n-butylamine		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34428	N-Nitroso-di-n-propylamine		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
34433	N-Nitrosodiphenylamine		N	SW8270	4/9/2004	0.67	U	µg/L	0.67
73613	N-Nitrosomethylethylamine		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
73619	N-Nitrosopiperidine		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
78206	N-Nitrosopyrrolidine		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
77793	Pentachlorobenzene		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
73626	Phenacetin		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
34461	Phenanthrene		N	SW8270	4/9/2004	0.73	U	µg/L	0.73
34694	Phenol		N	SW8270	4/9/2004	0.55	U	µg/L	0.55
73628	1,4-Phenylenediamine		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
39080	Pronamide		N	SW8270	4/9/2004	1.1	U	µg/L	1.1
34469	Pyrene		N	SW8270	4/9/2004	0.72	U	µg/L	0.72
77545	Safrole		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77734	1,2,4,5-Tetrachlorobenzene		N	SW8270	4/9/2004	1.3	U	µg/L	1.3

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: V Analyte detected in the associated Method Blank



**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-001

Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004 11:50:00 AM
Well/Sampling Point WACS:	Leachate 4	Report Period:	Annual 2004
Well/Sampling Point Name:	032404CLEA4	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
77770	2,3,4,6/2,3,4,5-Tetrachlorophenol		N	SW8270	4/9/2004	3.8	U	µg/L	3.8
73553	Thionazin		N	SW8270	4/9/2004	1.0	U	µg/L	1.0
77142	o-Toluidine		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
34551	1,2,4-Trichlorobenzene		N	SW8270	4/9/2004	0.85	U	µg/L	0.85
77687	2,4,5-Trichlorophenol		N	SW8270	4/9/2004	1.7	U	µg/L	1.7
34821	2,4,6-Trichlorophenol		N	SW8270	4/9/2004	0.93	U	µg/L	0.93
73652	o,o,o-Triethylphosphorothioate		N	SW8270	4/9/2004	1.3	U	µg/L	1.3
73653	1,3,5-Trinitrobenzene		N	SW8270	4/9/2004	1.2	U	µg/L	1.2
<b>SUB</b>									
00615	Nitrogen, Nitrite		N	SM4500-	3/25/2004	0.010	U	mg/L	0.010

Data Qualifier Code Key:

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



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030701  
Project: CCSWD Annual Leach 4  
Lab ID: F04030701-001

Client Sample ID: 032404CLEA4  
Collection Date: 3/24/2004 11:50:00 AM  
Sample Description: Leachate 4  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ALKALINITY AS CaCO3</b>		<b>SM2320 B</b>					PrepDate:	Analyst: MMA
Alkalinity, Bicarbonate (As CaCO3)	2700		0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Carbonate (As CaCO3)	0.16	U	0.16	5.0	mg/L	1	03/30/04	R24580
Alkalinity, Total (As CaCO3)	2700		0.16	5.0	mg/L	1	03/30/04	R24580
<b>ANIONS BY ION CHROMATOGRAPHY</b>		<b>E300.0</b>					PrepDate:	Analyst: ACO
Chloride	590	.	1.8	25	mg/L	50	03/30/04 01:22	R24524-B
Sulfate	31		2.6	25	mg/L	50	03/30/04 01:22	R24524-B
<b>CYANIDE, TOTAL</b>		<b>SW9012</b>					PrepDate: 4/2/2004 10:00:00 A	Analyst: SST
Cyanide	0.0050	I	0.0027	0.010	mg/L	1	04/02/04 15:13	18401
<b>NITROGEN, AMMONIA</b>		<b>E350.1</b>					PrepDate:	Analyst: SST
Nitrogen, Ammonia (As N)	0.20	U	0.20	1.0	mg/L	50	03/26/04 15:03	R24457
<b>NITROGEN, NITRATE</b>		<b>E353.2</b>					PrepDate:	Analyst: SUB
Nitrogen, Nitrate	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24605
<b>NITROGEN, NITRATE-NITRITE</b>		<b>E353.2</b>					PrepDate:	Analyst: SUB
Nitrogen, Nitrate-Nitrite	0.010	U	0.010	0.040	mg/L	1	03/29/04	R24605
<b>PH</b>		<b>E150.1</b>					PrepDate:	Analyst: SUB
pH	7.20	Q	0.100	0.100	pH units	1	03/24/04 16:20	R24605
<b>SOLIDS, TOTAL DISSOLVED</b>		<b>E160.1</b>					PrepDate: 3/29/2004	Analyst: MMA
Solids, Total Dissolved	2700	.	1.2	5.0	mg/L	1	03/29/04	18267
<b>SULFIDE</b>		<b>SW9034</b>					PrepDate:	Analyst: TSHE
Sulfide	6.1		0.65	0.20	mg/L	2	03/25/04	R24418
<b>ANTIMONY BY GFAA</b>		<b>SW7041</b>					PrepDate: 3/28/2004 9:30:00 A	Analyst: TPE
Antimony	0.0014	I	0.00035	0.0030	mg/L	1	03/30/04 10:44	18238
<b>ICP METALS</b>		<b>SW6010</b>					PrepDate: 3/28/2004 9:21:00 A	Analyst: JCO
Arsenic	0.047		0.0020	0.010	mg/L	1	03/26/04 19:46	18241
Barium	0.075		0.000074	0.010	mg/L	1	03/26/04 19:46	18241
Beryllium	0.00012	U	0.00012	0.0010	mg/L	1	03/26/04 19:46	18241
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	03/26/04 19:46	18241
Chromium	0.056		0.00060	0.0050	mg/L	1	03/26/04 19:46	18241
Cobalt	0.015		0.0015	0.010	mg/L	1	03/26/04 19:46	18241
Copper	0.0041	I	0.00058	0.0050	mg/L	1	03/26/04 19:46	18241
Iron	0.24		0.013	0.040	mg/L	1	03/26/04 19:46	18241

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: V Analyte detected in the associated Method Blank



### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030701  
Project: CCSWD Annual Leach 4  
Lab ID: F04030701-001

Client Sample ID: 032404CLEA4  
Collection Date: 3/24/2004 11:50:00 AM  
Sample Description: Leachate 4  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>ICP METALS</b>			<b>SW6010</b>	PrepDate: 3/26/2004 9:21:00 A		Analyst: JCO		
Lead	0.0018	U	0.0018	0.010	mg/L	1	03/26/04 19:46	18241
Nickel	0.036		0.0020	0.0050	mg/L	1	03/26/04 19:46	18241
Selenium	0.0040	U	0.0040	0.015	mg/L	1	03/26/04 19:46	18241
Silver	0.0014	U	0.0014	0.0050	mg/L	1	03/26/04 19:46	18241
Sodium	500	*	0.23	1.0	mg/L	1	03/26/04 19:46	18241
Tin	0.0027	U	0.0027	0.050	mg/L	1	03/26/04 19:46	18241
Vanadium	0.029		0.00040	0.010	mg/L	1	03/26/04 19:46	18241
Zinc	0.0095	I	0.0023	0.020	mg/L	1	03/26/04 19:46	18241
<b>MERCURY</b>			<b>SW7470</b>	PrepDate: 3/31/2004 11:45:00		Analyst: TPE		
Mercury	0.000036	U	0.000036	0.00020	mg/L	1	04/01/04 09:04	18335
<b>THALLIUM BY GFAA</b>			<b>SW7841</b>	PrepDate: 3/28/2004 9:30:00 A		Analyst: TPE		
Thallium	0.00029	IV	0.00025	0.0010	mg/L	1	03/30/04	18238
<b>8011: EDB AND DBCP</b>			<b>SW8011</b>	PrepDate: 3/31/2004 7:50:00 A		Analyst: EM		
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	04/01/04	18325
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	04/01/04	18325
Surr: 4-Bromofluorobenzene	106		0		%REC	1	04/01/04	18325
<b>8081: PESTICIDES, ORGANOCHLORINE</b>			<b>SW8081</b>	PrepDate: 3/28/2004 8:30:00 A		Analyst: DVA		
Aldrin	0.010	U	0.010	0.0050	µg/L	1	03/29/04	18243
alpha-BHC	0.0040	U	0.0040	0.0050	µg/L	1	03/29/04	18243
beta-BHC	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
delta-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
gamma-BHC	0.0050	U	0.0050	0.020	µg/L	1	03/29/04	18243
Chlordane	0.14	U	0.14	0.50	µg/L	1	03/29/04	18243
Chlorobenzilate	0.080	U	0.080	0.10	µg/L	1	03/29/04	18243
4,4'-DDD	0.017	U	0.017	0.020	µg/L	1	03/29/04	18243
4,4'-DDE	0.010	U	0.010	0.020	µg/L	1	03/29/04	18243
4,4'-DDT	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
Dieldrin	0.0080	U	0.0080	0.0050	µg/L	1	03/29/04	18243
Endosulfan I	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
Endosulfan II	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Endosulfan sulfate	0.012	U	0.012	0.020	µg/L	1	03/29/04	18243
Endrin	0.013	U	0.013	0.020	µg/L	1	03/29/04	18243
Endrin aldehyde	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Heptachlor	0.0070	U	0.0070	0.020	µg/L	1	03/29/04	18243

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: V Analyte detected in the associated Method Blank



**ELAB, Inc.**

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

Date: 19-Apr-04

## Analytical Report

**CLIENT:** Sarasota County

**Client Sample ID:** 032404CLEA4

**Lab Order:** F04030701

**Collection Date:** 3/24/2004 11:50:00 AM

**Project:** CCSWD Annual Leach 4

**Sample Description:** Leachate 4

**Lab ID:** F04030701-001

**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8081: PESTICIDES, ORGANOCHLORINE</b>								
<b>SW8081</b>			<b>PrepDate:</b> 3/26/2004 8:30:00 A			<b>Analyst:</b> DVA		
Heptachlor epoxide	0.0080	U	0.0080	0.020	µg/L	1	03/29/04	18243
Hexachlorobenzene	0.0090	U	0.0090	0.020	µg/L	1	03/29/04	18243
Hexachlorocyclopentadiene	0.0060	U	0.0060	0.020	µg/L	1	03/29/04	18243
Methoxychlor	0.011	U	0.011	0.020	µg/L	1	03/29/04	18243
Pentachloronitrobenzene	0.027	U	0.027	0.50	µg/L	1	03/29/04	18243
Toxaphene	0.43	U	0.43	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	55.9		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	52.0		0		%REC	1	03/29/04	18243
<b>8082: POLYCHLORINATED BIPHENYLS</b>								
<b>SW8082</b>			<b>PrepDate:</b> 3/26/2004 8:30:00 A			<b>Analyst:</b> DVA		
Aroclor 1016	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1221	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1232	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Aroclor 1242	0.16	U	0.16	0.50	µg/L	1	03/29/04	18243
Aroclor 1248	0.13	U	0.13	0.50	µg/L	1	03/29/04	18243
Aroclor 1254	0.10	U	0.10	0.50	µg/L	1	03/29/04	18243
Aroclor 1260	0.11	U	0.11	0.50	µg/L	1	03/29/04	18243
Surr: Decachlorobiphenyl	55.9		0		%REC	1	03/29/04	18243
Surr: Tetrachloro-m-xylene	52.0		0		%REC	1	03/29/04	18243
<b>8141: PESTICIDES, ORGANOPHOSPHORUS</b>								
<b>SW8141</b>			<b>PrepDate:</b> 3/25/2004 2:30:00 P			<b>Analyst:</b> JZV		
Chlorfenvinphos	0.23	U	0.23	0.53	µg/L	1	03/28/04	18191
Dimethoate	0.14	U	0.14	0.53	µg/L	1	03/28/04	18191
Disulfoton	0.21	U	0.21	0.53	µg/L	1	03/28/04	18191
Famphur	0.23	U	0.23	0.53	µg/L	1	03/28/04	18191
Parathion, Ethyl	0.36	U	0.36	1.1	µg/L	1	03/28/04	18191
Parathion, Methyl	0.20	U	0.20	0.53	µg/L	1	03/28/04	18191
Phorate	0.39	U	0.39	1.1	µg/L	1	03/28/04	18191
Surr: 4-Chloro-3-nitrobenzotrifluoride	57.8		0		%REC	1	03/28/04	18191
<b>8151: HERBICIDES, CHLORINATED BY GC</b>								
<b>SW8151</b>			<b>PrepDate:</b> 3/26/2004 1:00:00 P			<b>Analyst:</b> EM		
2,4-D	0.15	U	0.15	0.10	µg/L	1	04/02/04	18255
Dinoseb	0.090	U	0.090	0.20	µg/L	1	04/02/04	18255
Pentachlorophenol	0.030	U	0.030	0.040	µg/L	1	04/02/04	18255
2,4,5-T	0.020	U	0.020	0.20	µg/L	1	04/02/04	18255
2,4,5-TP (Silvex)	0.030	U	0.030	0.20	µg/L	1	04/02/04	18255
Surr: DCAA	74.7		0		%REC	1	04/02/04	18255

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V	Analyte detected in the associated Method Blank		



## Analytical Report

<b>CLIENT:</b>	Sarasota County	<b>Client Sample ID:</b>	032404CLEA4
<b>Lab Order:</b>	F04030701	<b>Collection Date:</b>	3/24/2004 11:50:00 AM
<b>Project:</b>	CCSWD Annual Leach 4	<b>Sample Description:</b>	Leachate 4
<b>Lab ID:</b>	F04030701-001	<b>Matrix:</b>	Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 3/29/2004		Analyst: LGO			
Acetone	26		0.91	10	µg/L	1	03/30/04 06:08	18313
Acetonitrile	2.4	U	2.4	10	µg/L	1	03/30/04 06:08	18313
Acrolein	2.0	U	2.0	10	µg/L	1	03/30/04 06:08	18313
Acrylonitrile	0.93	U	0.93	10	µg/L	1	03/30/04 06:08	18313
Allyl chloride	0.12	U	0.12	1.0	µg/L	1	03/30/04 06:08	18313
Benzene	6.5	U	0.31	1.0	µg/L	1	03/30/04 06:08	18313
Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	03/30/04 06:08	18313
Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	03/30/04 06:08	18313
Bromoform	0.11	U	0.11	1.0	µg/L	1	03/30/04 06:08	18313
Bromomethane	0.12	U	0.12	1.0	µg/L	1	03/30/04 06:08	18313
2-Butanone	0.29	U	0.29	10	µg/L	1	03/30/04 06:08	18313
Carbon disulfide	6.9		0.25	1.0	µg/L	1	03/30/04 06:08	18313
Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	03/30/04 06:08	18313
Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	03/30/04 06:08	18313
Chloroethane	0.16	U	0.16	1.0	µg/L	1	03/30/04 06:08	18313
Chloroform	0.28	U	0.28	1.0	µg/L	1	03/30/04 06:08	18313
Chloromethane	0.31	U	0.31	1.0	µg/L	1	03/30/04 06:08	18313
Chloroprene	0.27	U	0.27	1.0	µg/L	1	03/30/04 06:08	18313
Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	03/30/04 06:08	18313
Dibromomethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 06:08	18313
trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	03/30/04 06:08	18313
Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	03/30/04 06:08	18313
1,1-Dichloroethane	0.92	I	0.30	1.0	µg/L	1	03/30/04 06:08	18313
1,2-Dichloroethane	1.1	/	0.10	1.0	µg/L	1	03/30/04 06:08	18313
1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	03/30/04 06:08	18313
cis-1,2-Dichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 06:08	18313
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/30/04 06:08	18313
1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	03/30/04 06:08	18313
1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	03/30/04 06:08	18313
2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	03/30/04 06:08	18313
1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	03/30/04 06:08	18313
cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	03/30/04 06:08	18313
trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	03/30/04 06:08	18313
Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	03/30/04 06:08	18313
Ethylbenzene	53		0.12	1.0	µg/L	1	03/30/04 06:08	18313
Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	03/30/04 06:08	18313

<b>Data</b>	* Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V Analyte detected in the associated Method Blank		



## Analytical Report

<b>CLIENT:</b> Sarasota County	<b>Client Sample ID:</b> 032404CLEA4
<b>Lab Order:</b> F04030701	<b>Collection Date:</b> 3/24/2004 11:50:00 AM
<b>Project:</b> CCSWD Annual Leach 4	<b>Sample Description:</b> Leachate 4
<b>Lab ID:</b> F04030701-001	<b>Matrix:</b> Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>		<b>PrepDate: 3/29/2004</b>		<b>Analyst: LGO</b>		
2-Hexanone	0.26	U	0.26	10	µg/L	1	03/30/04 06:08	18313
Iodomethane	0.38	U	0.38	1.0	µg/L	1	03/30/04 06:08	18313
Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	03/30/04 06:08	18313
Methacrylonitrile	0.71	U	0.71	10	µg/L	1	03/30/04 06:08	18313
Methyl methacrylate	0.15	U	0.15	10	µg/L	1	03/30/04 06:08	18313
4-Methyl-2-pentanone	0.87	I	0.21	10	µg/L	1	03/30/04 06:08	18313
Methylene chloride	0.26	U	0.26	5.0	µg/L	1	03/30/04 06:08	18313
Propionitrile	1.8	U	1.8	10	µg/L	1	03/30/04 06:08	18313
Styrene	0.65	I	0.17	1.0	µg/L	1	03/30/04 06:08	18313
1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 06:08	18313
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	03/30/04 06:08	18313
Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	03/30/04 06:08	18313
Toluene	9.9		0.10	1.0	µg/L	1	03/30/04 06:08	18313
1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	03/30/04 06:08	18313
1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 06:08	18313
Trichloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 06:08	18313
Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	03/30/04 06:08	18313
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	03/30/04 06:08	18313
Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	03/30/04 06:08	18313
Vinyl chloride	2.1	U	0.14	1.0	µg/L	1	03/30/04 06:08	18313
Xylenes, Total	100		0.29	1.0	µg/L	1	03/30/04 06:08	18313
Surr: 4-Bromofluorobenzene	103		0		%REC	1	03/30/04 06:08	18313
Surr: Dibromofluoromethane	107		0		%REC	1	03/30/04 06:08	18313
Surr: Toluene-d8	99.4		0		%REC	1	03/30/04 06:08	18313
Surr: 1,2-Dichloroethane-d4	118		0		%REC	1	03/30/04 06:08	18313
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>		<b>PrepDate: 3/26/2004 2:20:00 P</b>		<b>Analyst: TKA</b>		
Kepone	1.5	U	1.5	5.0	µg/L	1	04/09/04 01:27	18251
Acenaphthene	0.80	U	0.80	5.0	µg/L	1	04/09/04 01:27	18251
Acenaphthylene	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Acetophenone	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
2-Acetylaminofluorene	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
4-Aminobiphenyl	2.8	U	2.8	5.0	µg/L	1	04/09/04 01:27	18251
Anthracene	0.57	U	0.57	5.0	µg/L	1	04/09/04 01:27	18251
Benzo(a)anthracene	0.64	U	0.64	5.0	µg/L	1	04/09/04 01:27	18251
Benzo(a)pyrene	0.69	U	0.69	1.0	µg/L	1	04/09/04 01:27	18251

<b>Data</b>	*	Value exceeds Maximum Contaminant Level	I	Analyte detected below quantitation limits
<b>Qualifier</b>	Q	Holding times for preparation or analysis exceeded	U	Not Detected Above the MDL
<b>Code Key:</b>	V	Analyte detected in the associated Method Blank		





ELAB, Inc.

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

Date: 19-Apr-04

# Analytical Report

CLIENT: Sarasota County  
 Lab Order: F04030701  
 Project: CCSWD Annual Leach 4  
 Lab ID: F04030701-001

Client Sample ID: 032404CLEA4  
 Collection Date: 3/24/2004 11:50:00 AM  
 Sample Description: Leachate 4  
 Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>								
		<b>SW8270</b>					<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
Benzo(b)fluoranthene	0.81	U	0.81	2.0	µg/L	1	04/09/04 01:27	18251
Benzo(g,h,i)perylene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
Benzo(k)fluoranthene	0.66	U	0.66	4.0	µg/L	1	04/09/04 01:27	18251
Benzyl alcohol	0.65	U	0.65	5.0	µg/L	1	04/09/04 01:27	18251
Bis(2-chloroethoxy)methane	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
Bis(2-chloroethyl)ether	1.3	U	1.3	4.0	µg/L	1	04/09/04 01:27	18251
Bis(2-chloroisopropyl)ether	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Bis(2-ethylhexyl)phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 01:27	18251
4-Bromophenyl phenyl ether	0.64	U	0.64	5.0	µg/L	1	04/09/04 01:27	18251
Butyl benzyl phthalate	0.78	U	0.78	5.0	µg/L	1	04/09/04 01:27	18251
4-Chloro-3-methylphenol	1.8	U	1.8	20	µg/L	1	04/09/04 01:27	18251
4-Chloroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
2-Chloronaphthalene	0.65	U	0.65	5.0	µg/L	1	04/09/04 01:27	18251
2-Chlorophenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
4-Chlorophenyl phenyl ether	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
Chrysene	0.58	U	0.58	5.0	µg/L	1	04/09/04 01:27	18251
Diallate	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
Dibenzo(a,h)anthracene	0.85	U	0.85	2.0	µg/L	1	04/09/04 01:27	18251
Dibenzofuran	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
1,2-Dichlorobenzene	0.95	U	0.95	5.0	µg/L	1	04/09/04 01:27	18251
1,3-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
1,4-Dichlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
3,3'-Dichlorobenzidine	0.58	U	0.58	10	µg/L	1	04/09/04 01:27	18251
2,4-Dichlorophenol	0.98	U	0.98	2.0	µg/L	1	04/09/04 01:27	18251
2,6-Dichlorophenol	1.2	U	1.2	4.0	µg/L	1	04/09/04 01:27	18251
Diethyl phthalate	1.4	U	1.4	5.0	µg/L	1	04/09/04 01:27	18251
Dimethyl phthalate	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
p-Dimethylaminoazobenzene	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
7,12-Dimethylbenz(a)anthracene	2.0	U	2.0	5.0	µg/L	1	04/09/04 01:27	18251
3,3'-Dimethylbenzidine	2.3	U	2.3	10	µg/L	1	04/09/04 01:27	18251
2,4-Dimethylphenol	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
Di-n-butyl phthalate	0.70	U	0.70	5.0	µg/L	1	04/09/04 01:27	18251
4,6-Dinitro-2-methylphenol	1.1	U	1.1	20	µg/L	1	04/09/04 01:27	18251
1,2-Dinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
1,3-Dinitrobenzene	1.2	U	1.2	8.0	µg/L	1	04/09/04 01:27	18251
2,4-Dinitrophenol	2.0	U	2.0	20	µg/L	1	04/09/04 01:27	18251

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: V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County

Client Sample ID: 032404CLEA4

Lab Order: F04030701

Collection Date: 3/24/2004 11:50:00 AM

Project: CCSWD Annual Leach 4

Sample Description: Leachate 4

Lab ID: F04030701-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>								
			<b>SW8270</b>				<b>PrepDate: 3/26/2004 2:20:00 P</b>	<b>Analyst: TKA</b>
2,4-Dinitrotoluene	1.4	U	1.4	2.0	µg/L	1	04/09/04 01:27	18251
2,6-Dinitrotoluene	1.2	U	1.2	2.0	µg/L	1	04/09/04 01:27	18251
Di-n-octyl phthalate	0.69	U	0.69	5.0	µg/L	1	04/09/04 01:27	18251
1,2-Diphenylhydrazine	0.94	U	0.94	5.0	µg/L	1	04/09/04 01:27	18251
Ethyl methanesulfonate	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Fluoranthene	0.53	U	0.53	5.0	µg/L	1	04/09/04 01:27	18251
Fluorene	1.4	U	1.4	5.0	µg/L	1	04/09/04 01:27	18251
Hexachlorobenzene	0.59	U	0.59	1.0	µg/L	1	04/09/04 01:27	18251
Hexachlorocyclopentadiene	3.6	U	3.6	5.0	µg/L	1	04/09/04 01:27	18251
Hexachloroethane	1.5	U	1.5	5.0	µg/L	1	04/09/04 01:27	18251
Hexachloropropene	1.4	U	1.4	5.0	µg/L	1	04/09/04 01:27	18251
Indeno(1,2,3-cd)pyrene	1.2	U	1.2	2.0	µg/L	1	04/09/04 01:27	18251
Isodrin	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Isophorone	0.99	U	0.99	5.0	µg/L	1	04/09/04 01:27	18251
Isosafrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
Methapyrilene	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
Methyl methanesulfonate	1.5	U	1.5	5.0	µg/L	1	04/09/04 01:27	18251
3-Methylcholanthrene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
2-Methylnaphthalene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
2-Methylphenol	1.5	U	1.5	5.0	µg/L	1	04/09/04 01:27	18251
3&4-Methylphenol	2.2	U	2.2	10	µg/L	1	04/09/04 01:27	18251
Naphthalene	3.3	I	0.86	5.0	µg/L	1	04/09/04 01:27	18251
1-Naphthylamine	1.4	U	1.4	5.0	µg/L	1	04/09/04 01:27	18251
2-Naphthylamine	1.7	U	1.7	5.0	µg/L	1	04/09/04 01:27	18251
1,4-Napthoquinone	1.4	U	1.4	5.0	µg/L	1	04/09/04 01:27	18251
2-Nitroaniline	1.6	U	1.6	5.0	µg/L	1	04/09/04 01:27	18251
3-Nitroaniline	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
4-Nitroaniline	1.5	U	1.5	4.0	µg/L	1	04/09/04 01:27	18251
Nitrobenzene	1.4	U	1.4	4.0	µg/L	1	04/09/04 01:27	18251
5-Nitro-o-toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
2-Nitrophenol	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
4-Nitrophenol	0.99	U	0.99	20	µg/L	1	04/09/04 01:27	18251
N-Nitrosodiethylamine	1.5	U	1.5	4.0	µg/L	1	04/09/04 01:27	18251
N-Nitrosodimethylamine	0.63	U	0.63	2.0	µg/L	1	04/09/04 01:27	18251
N-Nitroso-di-n-butylamine	1.0	U	1.0	4.0	µg/L	1	04/09/04 01:27	18251
N-Nitroso-di-n-propylamine	1.2	U	1.2	4.0	µg/L	1	04/09/04 01:27	18251

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: V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

CLIENT: Sarasota County  
Lab Order: F04030701  
Project: CCSWD Annual Leach 4  
Lab ID: F04030701-001

Client Sample ID: 032404CLEA4  
Collection Date: 3/24/2004 11:50:00 AM  
Sample Description: Leachate 4  
Matrix: Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8270: SEMIVOLATILE ORGANICS</b>		<b>SW8270</b>	PrepDate: 3/26/2004 2:20:00 P		Analyst: TKA			
N-Nitrosodiphenylamine	0.67	U	0.67	5.0	µg/L	1	04/09/04 01:27	18251
N-Nitrosomethylthylamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
N-Nitrosopiperidine	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
N-Nitrosopyrrolidine	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Pentachlorobenzene	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
Phenacetin	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
Phenanthrene	0.73	U	0.73	5.0	µg/L	1	04/09/04 01:27	18251
Phenol	0.55	U	0.55	5.0	µg/L	1	04/09/04 01:27	18251
1,4-Phenylenediamine	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
Pronamide	1.1	U	1.1	5.0	µg/L	1	04/09/04 01:27	18251
Pyrene	0.72	U	0.72	5.0	µg/L	1	04/09/04 01:27	18251
Safrole	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
1,2,4,5-Tetrachlorobenzene	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
2,3,4,6/2,3,4,5-Tetrachlorophenol	3.8	U	3.8	10	µg/L	1	04/09/04 01:27	18251
Thionazin	1.0	U	1.0	5.0	µg/L	1	04/09/04 01:27	18251
o-Toluidine	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
1,2,4-Trichlorobenzene	0.85	U	0.85	5.0	µg/L	1	04/09/04 01:27	18251
2,4,5-Trichlorophenol	1.7	U	1.7	4.0	µg/L	1	04/09/04 01:27	18251
2,4,6-Trichlorophenol	0.93	U	0.93	2.0	µg/L	1	04/09/04 01:27	18251
o,o,o-Triethylphosphorothioate	1.3	U	1.3	5.0	µg/L	1	04/09/04 01:27	18251
1,3,5-Trinitrobenzene	1.2	U	1.2	5.0	µg/L	1	04/09/04 01:27	18251
Surr: 2-Fluorobiphenyl	76.9		0		%REC	1	04/09/04 01:27	18251
Surr: 2-Fluorophenol	31.8		0		%REC	1	04/09/04 01:27	18251
Surr: Nitrobenzene-d5	83.4		0		%REC	1	04/09/04 01:27	18251
Surr: Phenol-d6	22.5		0		%REC	1	04/09/04 01:27	18251
Surr: p-Terphenyl-d14	89.1		0		%REC	1	04/09/04 01:27	18251
Surr: 2,4,6-Tribromophenol	69.1		0		%REC	1	04/09/04 01:27	18251
<b>NITROGEN, NITRITE (SUBCONTRACT)</b>		<b>SM4500-NO2 B</b>	PrepDate:		Analyst: SUB			
Nitrogen, Nitrite	0.010	U	0.010	0.040	mg/L	1	03/25/04 08:55	R24605

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: V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030701  
**Project:** CCSWD Annual Leach 4  
**Lab ID:** F04030701-002

**Client Sample ID:** Trip Blank  
**Collection Date:** 3/24/2004  
**Sample Description:** Trip Blank  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 3/29/2004		Analyst: LGO			
Acetone	0.91	U	0.91	10	µg/L	1	03/30/04 03:45	18313
Acetonitrile	2.4	U	2.4	10	µg/L	1	03/30/04 03:45	18313
Acrolein	2.0	U	2.0	10	µg/L	1	03/30/04 03:45	18313
Acrylonitrile	0.93	U	0.93	10	µg/L	1	03/30/04 03:45	18313
Allyl chloride	0.12	U	0.12	1.0	µg/L	1	03/30/04 03:45	18313
Benzene	0.31	U	0.31	1.0	µg/L	1	03/30/04 03:45	18313
Bromochloromethane	0.22	U	0.22	1.0	µg/L	1	03/30/04 03:45	18313
Bromodichloromethane	0.10	U	0.10	0.60	µg/L	1	03/30/04 03:45	18313
Bromoform	0.11	U	0.11	1.0	µg/L	1	03/30/04 03:45	18313
Bromomethane	0.12	U	0.12	1.0	µg/L	1	03/30/04 03:45	18313
2-Butanone	0.29	U	0.29	10	µg/L	1	03/30/04 03:45	18313
Carbon disulfide	0.25	U	0.25	1.0	µg/L	1	03/30/04 03:45	18313
Carbon tetrachloride	0.25	U	0.25	1.0	µg/L	1	03/30/04 03:45	18313
Chlorobenzene	0.10	U	0.10	1.0	µg/L	1	03/30/04 03:45	18313
Chloroethane	0.16	U	0.16	1.0	µg/L	1	03/30/04 03:45	18313
Chloroform	0.28	U	0.28	1.0	µg/L	1	03/30/04 03:45	18313
Chloromethane	0.31	U	0.31	1.0	µg/L	1	03/30/04 03:45	18313
Chloroprene	0.27	U	0.27	1.0	µg/L	1	03/30/04 03:45	18313
Dibromochloromethane	0.16	U	0.16	0.50	µg/L	1	03/30/04 03:45	18313
Dibromomethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 03:45	18313
trans-1,4-Dichloro-2-butene	0.14	U	0.14	10	µg/L	1	03/30/04 03:45	18313
Dichlorodifluoromethane	0.52	U	0.52	1.0	µg/L	1	03/30/04 03:45	18313
1,1-Dichloroethane	0.30	U	0.30	1.0	µg/L	1	03/30/04 03:45	18313
1,2-Dichloroethane	0.10	U	0.10	1.0	µg/L	1	03/30/04 03:45	18313
1,1-Dichloroethene	0.10	U	0.10	1.0	µg/L	1	03/30/04 03:45	18313
cis-1,2-Dichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 03:45	18313
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	03/30/04 03:45	18313
1,2-Dichloropropane	0.12	U	0.12	1.0	µg/L	1	03/30/04 03:45	18313
1,3-Dichloropropane	0.50	U	0.50	1.0	µg/L	1	03/30/04 03:45	18313
2,2-Dichloropropane	0.10	U	0.10	1.0	µg/L	1	03/30/04 03:45	18313
1,1-Dichloropropene	0.060	U	0.060	1.0	µg/L	1	03/30/04 03:45	18313
cis-1,3-Dichloropropene	0.070	U	0.070	0.50	µg/L	1	03/30/04 03:45	18313
trans-1,3-Dichloropropene	0.11	U	0.11	0.50	µg/L	1	03/30/04 03:45	18313
Ethyl methacrylate	0.48	U	0.48	1.0	µg/L	1	03/30/04 03:45	18313
Ethylbenzene	0.12	U	0.12	1.0	µg/L	1	03/30/04 03:45	18313
Hexachlorobutadiene	0.34	U	0.34	0.50	µg/L	1	03/30/04 03:45	18313

**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:** V Analyte detected in the associated Method Blank



ELAB, Inc.

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

Date: 19-Apr-04

### Analytical Report

**CLIENT:** Sarasota County  
**Lab Order:** F04030701  
**Project:** CCSWD Annual Leach 4  
**Lab ID:** F04030701-002

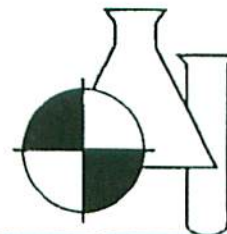
**Client Sample ID:** Trip Blank  
**Collection Date:** 3/24/2004  
**Sample Description:** Trip Blank  
**Matrix:** Groundwater

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed	Batch ID
<b>8260: VOLATILE ORGANIC COMPOUNDS</b>		<b>SW8260</b>	PrepDate: 3/29/2004		Analyst: LGO			
2-Hexanone	0.26	U	0.26	10	µg/L	1	03/30/04 03:45	18313
Iodomethane	0.38	U	0.38	1.0	µg/L	1	03/30/04 03:45	18313
Isobutyl Alcohol	2.7	U	2.7	20	µg/L	1	03/30/04 03:45	18313
Methacrylonitrile	0.71	U	0.71	10	µg/L	1	03/30/04 03:45	18313
Methyl methacrylate	0.15	U	0.15	10	µg/L	1	03/30/04 03:45	18313
4-Methyl-2-pentanone	0.21	U	0.21	10	µg/L	1	03/30/04 03:45	18313
Methylene chloride	0.26	U	0.26	5.0	µg/L	1	03/30/04 03:45	18313
Propionitrile	1.8	U	1.8	10	µg/L	1	03/30/04 03:45	18313
Styrene	0.17	U	0.17	1.0	µg/L	1	03/30/04 03:45	18313
1,1,1,2-Tetrachloroethane	0.15	U	0.15	1.0	µg/L	1	03/30/04 03:45	18313
1,1,2,2-Tetrachloroethane	0.11	U	0.11	0.50	µg/L	1	03/30/04 03:45	18313
Tetrachloroethene	0.11	U	0.11	1.0	µg/L	1	03/30/04 03:45	18313
Toluene	0.54	I	0.10	1.0	µg/L	1	03/30/04 03:45	18313
1,1,1-Trichloroethane	0.24	U	0.24	1.0	µg/L	1	03/30/04 03:45	18313
1,1,2-Trichloroethane	0.13	U	0.13	1.0	µg/L	1	03/30/04 03:45	18313
Trichloroethene	0.15	U	0.15	1.0	µg/L	1	03/30/04 03:45	18313
Trichlorofluoromethane	0.32	U	0.32	1.0	µg/L	1	03/30/04 03:45	18313
1,2,3-Trichloropropane	0.30	U	0.30	0.50	µg/L	1	03/30/04 03:45	18313
Vinyl acetate	0.15	U	0.15	2.0	µg/L	1	03/30/04 03:45	18313
Vinyl chloride	0.14	U	0.14	1.0	µg/L	1	03/30/04 03:45	18313
Xylenes, Total	0.29	U	0.29	1.0	µg/L	1	03/30/04 03:45	18313
Surr: 4-Bromofluorobenzene	110		0		%REC	1	03/30/04 03:45	18313
Surr: Dibromofluoromethane	112		0		%REC	1	03/30/04 03:45	18313
Surr: Toluene-d8	96.5		0		%REC	1	03/30/04 03:45	18313
Surr: 1,2-Dichloroethane-d4	120		0		%REC	1	03/30/04 03:45	18313

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: V Analyte detected in the associated Method Blank

# BENCHMARK

EnviroAnalytical, Inc.



NELAC CERTIFICATION #E84167

## ANALYTICAL TEST REPORT

THIS REPORT MEETS NELAC STANDARDS

Submission Number 4030779

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

Project Name: ANNUAL LEACH 4  
Date Received: 03/24/2004  
Time Received: 1605

Attn: Jamie Rexroat

*4030779*

Submission Number 4030779

Sample Number: 1  
Sample Date: 03/24/2004  
Sample Time: 1230

Sample Description: C L L E A P  
Sample Method: Grab

Parameter	Result	Units	Detection Limit	Procedure	Analysis		Analyst
					Date	Time	
PH	7.20	UNITS	0.1	150.1	03/24/2003	16:20	TB
NITRATE NITROGEN	0.01U	MG/L	0.01	353.2	03/25/2004	08:55	KJG
NITRATE+NITRITE	0.01U	MG/L	0.01	353.2	03/29/2004		KJG
NITRITE NITROGEN	0.01U	MG/L	0.01	SM4500NO2B	03/25/2004	08:55	KJG

**CCSWD Annual Leach 4**

**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: F04030701

Sample Number: F04030701-002



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004
Well/Sampling Point WACS:	Trip Blank	Report Period:	Annual 2004
Well/Sampling Point Name:	Trip Blank	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
<b>ORGANICS</b>									
81552	Acetone		N	SW8260	3/30/2004	0.91	U	µg/L	0.91
76997	Acetonitrile		N	SW8260	3/30/2004	2.4	U	µg/L	2.4
34210	Acrolein		N	SW8260	3/30/2004	2.0	U	µg/L	2.0
34215	Acrylonitrile		N	SW8260	3/30/2004	0.93	U	µg/L	0.93
78109	Allyl chloride		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34030	Benzene		N	SW8260	3/30/2004	0.31	U	µg/L	0.31
73085	Bromochloromethane		N	SW8260	3/30/2004	0.22	U	µg/L	0.22
32101	Bromodichloromethane		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
32104	Bromofom		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34413	Bromomethane		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
81595	2-Butanone		N	SW8260	3/30/2004	0.29	U	µg/L	0.29
77041	Carbon disulfide		N	SW8260	3/30/2004	0.25	U	µg/L	0.25
32102	Carbon tetrachloride		N	SW8260	3/30/2004	0.25	U	µg/L	0.25
34301	Chlorobenzene		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34311	Chloroethane		N	SW8260	3/30/2004	0.16	U	µg/L	0.16
32106	Chlorofom		N	SW8260	3/30/2004	0.28	U	µg/L	0.28
34418	Chloromethane		N	SW8260	3/30/2004	0.31	U	µg/L	0.31
81520	Chloroprene		N	SW8260	3/30/2004	0.27	U	µg/L	0.27
32105	Dibromochloromethane		N	SW8260	3/30/2004	0.16	U	µg/L	0.16
77596	Dibromomethane		N	SW8260	3/30/2004	0.13	U	µg/L	0.13
77268	trans-1,4-Dichloro-2-butene		N	SW8260	3/30/2004	0.14	U	µg/L	0.14
34668	Dichlorodifluoromethane		N	SW8260	3/30/2004	0.52	U	µg/L	0.52
34496	1,1-Dichloroethane		N	SW8260	3/30/2004	0.30	U	µg/L	0.30
34531	1,2-Dichloroethane		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
34501	1,1-Dichloroethene		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77093	cis-1,2-Dichloroethene		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34546	trans-1,2-Dichloroethene		N	SW8260	3/30/2004	0.17	U	µg/L	0.17
34541	1,2-Dichloropropane		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
77173	1,3-Dichloropropane		N	SW8260	3/30/2004	0.50	U	µg/L	0.50
77170	2,2-Dichloropropane		N	SW8260	3/30/2004	0.10	U	µg/L	0.10
77168	1,1-Dichloropropene		N	SW8260	3/30/2004	0.060	U	µg/L	0.060

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

CCSWD Annual Leach 4

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: F04030701

Sample Number: F04030701-002



Facility WACS:	4058C02034	Sample Date/Time:	3/24/2004
Well/Sampling Point WACS:	Trip Blank	Report Period:	Annual 2004
Well/Sampling Point Name:	Trip Blank	Well Purged:	YES
Classification of Groundwater:	G-II	Well Type:	Grab
Ground Water Elevation: (NGVD):			

Storet Code	Parameter Monitored	Sampling Method	Filtered Y/N	Analysis Method	Analysis Date	Analysis Result	Q	Units	Detection Limits
34704	cis-1,3-Dichloropropene		N	SW8260	3/30/2004	0.070	U	µg/L	0.070
34699	trans-1,3-Dichloropropene		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
73570	Ethyl methacrylate		N	SW8260	3/30/2004	0.48	U	µg/L	0.48
34371	Ethylbenzene		N	SW8260	3/30/2004	0.12	U	µg/L	0.12
34391	Hexachlorobutadiene		N	SW8260	3/30/2004	0.34	U	µg/L	0.34
77103	2-Hexanone		N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77424	Iodomethane		N	SW8260	3/30/2004	0.38	U	µg/L	0.38
77033	Isobutyl Alcohol		N	SW8260	3/30/2004	2.7	U	µg/L	2.7
81593	Methacrylonitrile		N	SW8260	3/30/2004	0.71	U	µg/L	0.71
81597	Methyl methacrylate		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
81596	4-Methyl-2-pentanone		N	SW8260	3/30/2004	0.21	U	µg/L	0.21
34423	Methylene chloride		N	SW8260	3/30/2004	0.26	U	µg/L	0.26
77007	Propionitrile		N	SW8260	3/30/2004	1.8	U	µg/L	1.8
77128	Styrene		N	SW8260	3/30/2004	0.17	U	µg/L	0.17
77562	1,1,1,2-Tetrachloroethane		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34516	1,1,2,2-Tetrachloroethane		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34475	Tetrachloroethene		N	SW8260	3/30/2004	0.11	U	µg/L	0.11
34010	Toluene		N	SW8260	3/30/2004	0.54	I	µg/L	0.10
34506	1,1,1-Trichloroethane		N	SW8260	3/30/2004	0.24	U	µg/L	0.24
34511	1,1,2-Trichloroethane		N	SW8260	3/30/2004	0.13	U	µg/L	0.13
39180	Trichloroethene		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
34488	Trichlorofluoromethane		N	SW8260	3/30/2004	0.32	U	µg/L	0.32
77443	1,2,3-Trichloropropane		N	SW8260	3/30/2004	0.30	U	µg/L	0.30
77057	Vinyl acetate		N	SW8260	3/30/2004	0.15	U	µg/L	0.15
39175	Vinyl chloride		N	SW8260	3/30/2004	0.14	U	µg/L	0.14
34020	Xylenes, Total		N	SW8260	3/30/2004	0.29	U	µg/L	0.29

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: V Analyte detected in the associated Method Blank





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

### CHAIN OF CUSTODY RECORD

No. E **70732**

Page 1 of 2

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No.

**F04030699**

(INSTRUCTIONS ON BACK OF THIS FORM)

Temp. of Contents: **3** °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Sarasota City Env. Svcs*

Address:

*1301 Cattlemen Rd Bldg E*

Phone:

*(941) 561-6664*

18. Report Type:

- Routine
- Standard QC
- Datapackage

City

*Sarasota*

State

*FL*

Zip Code

*34234*

Fax:

( )

2. Report to: (if different from above)

*Rosa Rodriguez*

Address:

Phone:

( )

City

State

Zip Code

Fax:

( )

19. Turnaround Time

- Standard

Rush: 1 1

3. Client Project Name:

*Central City SWD Air - Fresh*

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

4. Client Project No.:

*424657*

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By:

*T. Foxworth*

8. Shipping Method:

*ice*

14.

15. Preservatives

*H C C C C C C N*

16. Containers

*V V G G G G P*

17.

*Analyses Requested*  
*NOx App I, II*  
*SO11 EDB 258 App I, II*  
*SO170 Semi 258 App I, II*  
*SO181 App I, II*  
*SO182 App I, II*  
*SO183 App I, II*  
*SO184 App I, II*  
*Metals App I, II*

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

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.					14. No. of Containers	15. Preservatives	16. Containers	17. Analyses Requested	20. REMARK	LAB USE ONLY LAB SAMPLE NO.	
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other							
1	032404	CKEAP	03-24-03	1230	✓	✓	✓											4030779
2	032404	CKEAP			✓													NOx, NO3,
3	032404	CKEAP			✓													NO3, pH
4	032404	CKEAP			✓													
5	032404	CKEAP			✓													
6	032404	CKEAP			✓													
7	032404	CKEAP			✓													
8	032404	CKEAP			✓													
9																		
10																		

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME	FOR LAB USE ONLY
<i>Laura Alexander</i>	3-24-04	1330	<i>F. De Steo</i>	3/24/04	1330	Sampling Fee: _____ Hrs.
<i>F. De Steo</i>	3/24/04	1503	<i>Michelle Taylor</i>	3/24/04	1503	Equipment Rental Fee: _____
<i>Michelle Taylor</i>	3/24/04	1605	<i>Cheryl</i>	3/25/04	10:00	Profile No.: _____ Quote No.: _____

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

Revised: 1/99

# 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.



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

### CHAIN OF CUSTODY RECORD

No. E **70733**

Page 2 of 2

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No. **F04030699**

Temp. of Contents: 3 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Sonoma City Am. SWS*

Address:

*1301 Callhamer Rd off E*

Phone: *(941) 861-6664*

City *Sonoma* State *FL* Zip Code *34832*

Fax: ( )

2. Report to: (if different from above)

*Crow Rodriguez*

Address:

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone: ( )

Fax: ( )

3. Client Project Name:

*CCSWD Annual Audit*

Water Sample Codes (for Item 13)

Container Codes (for Item 16)

DW = Drinking Water  
GW = Ground Water  
SW = Surface Water  
PW = Processed Water  
WW = Waste Water

V = VOA vial  
G = glass  
P = plastic  
M = micro bag/cup  
O = other

14. No. of Containers

15. Preservatives

16. Containers

17.

*Analyses Requested*  
*Substrate for TDS, NO3*  
*Substrate for nitrite, nitrate*  
*Micro-TDS, P, Fe, II*

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

4. Client Project No.:

5. P.O. No.: *424657*

6. Custody Seal No.:

7. Sampled By: *T. Foxworth*

8. Shipping Method: *ICC*

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.					14. No. of Containers	20. REMARK	LAB USE ONLY	
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other			LAB SAMPLE NO.	
1	<i>03-24-04</i>	<i>CLEAR</i>	<i>3/24/04</i>	<i>1230</i>			<i>/</i>	<i>LE</i>				<i>1</i>	<i>R</i>		
2	<i>03-24-04</i>	<i>CLEAR</i>					<i>/</i>	<i>LE</i>				<i>1</i>	<i>M</i>		
3	<i>03-24-04</i>	<i>CLEAR</i>					<i>/</i>	<i>LE</i>				<i>1</i>	<i>N</i>		
4	<i>03-24-04</i>	<i>CLEAR</i>					<i>/</i>	<i>LE</i>				<i>1</i>	<i>O</i>		
5															
6															
7															
8															
9															
10															

21. RELINQUISHED BY

DATE

TIME

22. RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

*Larry Exorling*

*3/24/04*

*1330*

*F. DeSteno*

*3/24/04*

*1330*

Sampling Fee: \_\_\_\_\_ Hrs.

*F. DeSteno*

*3/24/04*

*1503*

*Whitcomb Taylor*

*3/24/04*

*1503*

Equipment Rental Fee: \_\_\_\_\_

*Whitcomb Taylor*

*Yusuf Ali*

*3/24/04*

*10:00*

Profile No.:

Quote No.:

## 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.



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

# CHAIN OF CUSTODY RECORD

No. E **70734**

Page 1 of 2

FOR LAB USE ONLY

FOR LAB USE ONLY

(INSTRUCTIONS ON BACK OF THIS FORM)

Condition of Contents: \_\_\_\_\_  
Temp. of Contents: 0 °C (or Received on Ice, ROI) Condition of Seals: \_\_\_\_\_

Submission No. **F04030700**

1. Client: (Company or Individual)  
*Sarasota City Env. Svcs*

Address: *1301 Cattlemen Rd S/E*  
City: *Sarasota* State: *FL* Zip Code: *34232*

Phone: *(941) 861-6664*  
Fax: ( )

18. Report Type:  
 Routine  
 Standard QC  
 Datapackage

2. Report to: (if different from above)  
*Cesar Rodriguez*

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: ( )  
Fax: ( )

19. Turnaround Time  
 Standard  
Rush: 1 / 1

3. Client Project Name:  
*Annual Beach 1*

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. No. of Containers: \_\_\_\_\_  
15. Preservatives: *HC C C C C C N*  
16. Containers: *V G G G G G P*  
17. Analyses Requested:  
*VOC's 238 App I & II*  
*5011 EOB 238 App I & II*  
*5010 Semi 238 App I & II*  
*5051 App I & II*  
*5052 App I & II*  
*5051 App I & II*  
*5141 App I & II*  
*Metal Fe, Hg, Na*

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

4. Client Project No.: \_\_\_\_\_

5. P.O. No.: *494657*

6. Custody Seal No.: \_\_\_\_\_

7. Sampled By: *T. Foxworth*

8. Shipping Method: *ice*

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.						14. No. of Containers	15. Preservatives	16. Containers	17. Analyses Requested	20. REMARK	LAB USE ONLY LAB SAMPLE NO.				
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other											
1	<i>032404</i>	<i>CCLEA1</i>	<i>3.24.04</i>	<i>0825</i>		<i>1</i>	<i>NE</i>						<i>3</i>	<i>SC</i>							<i>4030775</i>	
2	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>2</i>	<i>PE</i>								<i>@ NO<sub>3</sub>, NO<sub>2</sub></i>
3	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>		<i>F</i>							<i>NO<sub>3</sub>, pH</i>
4	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>		<i>G</i>							
5	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>		<i>H</i>							
6	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>			<i>I</i>						
7	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>			<i>J</i>						
8	<i>032404</i>	<i>CCLEA1</i>				<i>1</i>							<i>1</i>			<i>K</i>						
9		<i>trap blank</i>				<i>1</i>							<i>1</i>									

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME	FOR LAB USE ONLY
<i>Lenny Foxworth</i>	<i>3.24.04</i>	<i>1330</i>	<i>F. De Lina</i>	<i>3/24/04</i>	<i>1330</i>	Sampling Fee: _____ Hrs.
<i>F. De Lina</i>	<i>3/24/04</i>	<i>1503</i>	<i>Whitcomb Taylor</i>	<i>3/24/04</i>	<i>1503</i>	Equipment Rental Fee: _____
<i>Whitcomb Taylor</i>	<i>3/24/04</i>	<i>1605</i>	<i>(Signature)</i>	<i>3/25/4</i>	<i>10:00</i>	Profile No.: _____ Quote No.: _____

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

## 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.



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

**CHAIN OF CUSTODY RECORD**

No. E **70741**

Page 2 of 4

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No.

**104030700**

Temp. of Contents: 0 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Sarasota City Env. Svcs*

Address:

*1301 Cattlemen Rd Bldg E*

Phone:

*(941) 561-6664*

City:

*Sarasota*

State:

*FL*

Zip Code:

*34234*

Fax: ( )

2. Report to: (if different from above)

*Chris Rodriguez*

Address:

Phone: ( )

City:

State:

Zip Code:

Fax: ( )

3. Client Project Name:

*Annual CCSWD Leach*

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

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: *T. Foxworth*

8. Shipping Method: *ICE*

18. Report Type:

Routine  
 Standard QC  
 Datapackage

19. Turnaround Time

Standard  
 Rush:    /    /   

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

14. No. of Containers

15. Preservatives: *5*

16. Containers: *P P P P*

17. *Analyses Requested: Nitrites, NH4, Fe, Substrate, Nitrate, Inorg. Ammonia, Alkalinity, APP, etc.*

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.							14. No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other					
1	032404	CCLEA1	3/24/04	0825			NE						1	K		4030775
2	032404	CCLEA1					NE						1	M		@NOx, NO2, NO3, pH
3	032404	CCLEA1					NE						1	N		
4	0324.04	CCLEA1					NE						1	D		
5																
6																
7																
8																
9																
10																

21. RELINQUISHED BY		DATE	TIME	22. RECEIVED BY		DATE	TIME	FOR LAB USE ONLY	
1	<i>Levy Foxworth</i>	3/24/04	1330	<i>J. DeSteno</i>	3/24/04	1330		Sampling Fee: _____ Hrs.	
2	<i>J. DeSteno</i>	3/24/04	1503	<i>Whitluka Taylor</i>	3/24/04	1503		Equipment Rental Fee: _____	
3	<i>Whitluka Taylor</i>	3/24/04	1605	<i>City of Sarasota</i>	3/25/04	10:00		Profile No.: _____ Quote No.: _____	
4									

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

Revised: 1/99

## 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.





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

# CHAIN OF CUSTODY RECORD

No. E **70740**

Page 4 of 4

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No.

Temp. of Contents: 2 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

F04030704

1. Client: (Company or Individual)

Address:

1301 Cattlemen Rd bly E

Phone:

(904) 861-8661

18. Report Type:

- Routine
- Standard QC
- Datapackage

Armeda City Env. Svcs

City:

Seviata

State:

FL

Zip Code: 34234

Fax: ( )

2. Report to: (if different from above)

Address:

Rod Rodriguez

City:

State:

Zip Code:

Phone: ( )

Fax: ( )

19. Turnaround Time

- Standard
- Rush: 1 / 1

3. Client Project Name:

Annual Leach 2

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. No. of Containers

Analyses Requested  
App. I, II, III  
Nutrients for Diss. NO<sub>3</sub>  
Substrate  
pH, bicarb, ORP  
TDS, pH, App. I, II

15. Preservatives: S, H, M, C

16. Containers: P, P, P, P

17. \_\_\_\_\_

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

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.						14. No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.	
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other					
1	<u>032404</u>	<u>CCLEA1</u>	<u>3/24/04</u>	<u>0920</u>			<u>1</u>	<u>VE</u>								
2	<u>032404</u>	<u>CCLEA1</u>					<u>1</u>	<u>VE</u>								
3	<u>032404</u>	<u>CCLEA1</u>					<u>1</u>	<u>VE</u>								
4	<u>032404</u>	<u>CCLEA1</u>					<u>1</u>	<u>VE</u>								
5																
6																
7																
8																
9																
10																

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME	FOR LAB USE ONLY
<u>Lenny D. ...</u>	<u>3/24/04</u>	<u>1330</u>	<u>F. DeSteno</u>	<u>3/24/04</u>	<u>1330</u>	Sampling Fee: _____ Hrs.
<u>F. DeSteno</u>	<u>3/24/04</u>	<u>1503</u>	<u>Michelle Taylor</u>	<u>3/24/04</u>	<u>1503</u>	Equipment Rental Fee: _____
<u>Michelle Taylor</u>			<u>City of ...</u>	<u>3/25/04</u>	<u>10:00</u>	Profile No.: _____ Quote No.: _____

## 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. If 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.



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

# CHAIN OF CUSTODY RECORD

No. E **70735**

Page 1 of 2

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No. **F04030704**

(INSTRUCTIONS ON BACK OF THIS FORM)

Temp. of Contents: 2 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Sarasota City Gov. SWS*

Address: *1301 Cattlemen Rd S/E*

Phone: *941-861-6664*

18. Report Type:

Routine  
 Standard QC  
 Datapackage

2. Report to: (if different from above)

*Osor Rodriguez*

Address: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_

19. Turnaround Time

Standard  
 Rush: 1 / 1

3. Client Project Name:

*CCSWD Annual Beach 2*

Water Sample Codes (for Item 13) Container Codes (for Item 16)

DW = Drinking Water  
GW = Ground Water  
SW = Surface Water  
PW = Processed Water  
WW = Waste Water

V = VOA vial  
G = glass  
P = plastic  
M = micro bag/cup  
O = other

14. No. of Containers

15. Preservatives: *H C C C C C C C C C W*

16. Containers: *V V G G G G P*

17. Analyses Requested  
*VOCs 255 App I, II  
5011 EDB 255 App I, II  
5070 Semi 255 App I, II  
5051 App I, II  
5052 App I, II  
5141 App I, II  
Metals Fe, Pb, Hg, Cu, Ni*

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

4. Client Project No.:

*124657*

5. P.O. No.:

*T. Foxworth*

6. Custody Seal No.:

*ICE*

7. Sampled By:

*T. Foxworth*

8. Shipping Method:

*ICE*

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.						14. No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other				
1	<i>032404</i>	<i>CCLEA2</i>	<i>3/24/04</i>	<i>0920</i>			<i>/</i>	<i>AE</i>					<i>3</i>	<i>H BC</i>	<i>4030776</i>
2	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>2</i>	<i>DF</i>	<i>NOx, NO2,</i>
3	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>F</i>	<i>NO3, pH</i>
4	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>G</i>	
5	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>H</i>	
6	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>i</i>	
7	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>v</i>	
8	<i>032404</i>	<i>CCLEA2</i>					<i>/</i>						<i>1</i>	<i>*</i>	
9															
10															

21. RELINQUISHED BY

DATE

TIME

22. RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

*Samp Foxworth*

*3/24/04*

*1330*

*Frank Portino*

*3/24/04*

*1330*

Sampling Fee: \_\_\_\_\_ Hrs.

*F. Portino*

*3/24/04*

*1503*

*Whitlatch Taylor*

*3/24/04*

*1503*

Equipment Rental Fee: \_\_\_\_\_

*Whitlatch Taylor*

*3/24/04*

*1605*

*(Signature)*

*3/25/04*

*1000*

Profile No.:

Quote No.:

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

Revised: 1/99

# 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.
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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.



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

# CHAIN OF CUSTODY RECORD

No. E **70736**

Page 1 of 2

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No. **F04030694**

Temp. of Contents: 3 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Sevanta City Env. Svcs*

Address:

*1301 Palmetto Rd off E*

Phone: *(941) 861-6664*

City

*Sevanta*

State

*FL*

Zip Code *34231*

Fax: ( )

2. Report to: (if different from above)

*Cesar Rodriguez*

Address:

Phone: ( )

City

State

Zip Code

Fax: ( )

3. Client Project Name:

*CCSUO Leach 3*

Water Sample Codes (for Item 13)

Container Codes (for Item 16)

DW = Drinking Water  
GW = Ground Water  
SW = Surface Water  
PW = Processed Water  
WW = Waste Water

V = VOA vial  
G = glass  
P = plastic  
M = micro bag/cup  
O = other

14. No. of Containers

15. Preservatives	H	C	C	C	C	C	C	C	N
16. Containers	V	V	G	G	G	G	G	G	P
17. Analyses Requested	<i>VOCS 857 App I &amp; II</i> <i>SO11 EDB 255 App I &amp; II</i> <i>SO170 Semi 255 App I &amp; II</i> <i>SO81 App I &amp; II</i> <i>SO52 App I &amp; II</i> <i>SO51 App I &amp; II</i> <i>SO144 App I &amp; II</i> <i>SO145 App I &amp; II</i> <i>SO146 App I &amp; II</i> <i>SO147 App I &amp; II</i> <i>SO148 App I &amp; II</i> <i>SO149 App I &amp; II</i> <i>SO150 App I &amp; II</i> <i>SO151 App I &amp; II</i> <i>SO152 App I &amp; II</i> <i>SO153 App I &amp; II</i> <i>SO154 App I &amp; II</i> <i>SO155 App I &amp; II</i> <i>SO156 App I &amp; II</i> <i>SO157 App I &amp; II</i> <i>SO158 App I &amp; II</i> <i>SO159 App I &amp; II</i> <i>SO160 App I &amp; II</i> <i>SO161 App I &amp; II</i> <i>SO162 App I &amp; II</i> <i>SO163 App I &amp; II</i> <i>SO164 App I &amp; II</i> <i>SO165 App I &amp; II</i> <i>SO166 App I &amp; II</i> <i>SO167 App I &amp; II</i> <i>SO168 App I &amp; II</i> <i>SO169 App I &amp; II</i> <i>SO170 App I &amp; II</i> <i>SO171 App I &amp; II</i> <i>SO172 App I &amp; II</i> <i>SO173 App I &amp; II</i> <i>SO174 App I &amp; II</i> <i>SO175 App I &amp; II</i> <i>SO176 App I &amp; II</i> <i>SO177 App I &amp; II</i> <i>SO178 App I &amp; II</i> <i>SO179 App I &amp; II</i> <i>SO180 App I &amp; II</i> <i>SO181 App I &amp; II</i> <i>SO182 App I &amp; II</i> <i>SO183 App I &amp; II</i> <i>SO184 App I &amp; II</i> <i>SO185 App I &amp; II</i> <i>SO186 App I &amp; II</i> <i>SO187 App I &amp; II</i> <i>SO188 App I &amp; II</i> <i>SO189 App I &amp; II</i> <i>SO190 App I &amp; II</i> <i>SO191 App I &amp; II</i> <i>SO192 App I &amp; II</i> <i>SO193 App I &amp; II</i> <i>SO194 App I &amp; II</i> <i>SO195 App I &amp; II</i> <i>SO196 App I &amp; II</i> <i>SO197 App I &amp; II</i> <i>SO198 App I &amp; II</i> <i>SO199 App I &amp; II</i> <i>SO200 App I &amp; II</i>								

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

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.						14. No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other				
1	03-24-04	CCLEA3	3/24/04	1100			V	LE					3	SC	4030777
2	03-24-04	CCLEA3					V						2	DF	NO <sub>x</sub> , NO <sub>3</sub>
3	03-24-04	CCLEA3					/						1	F	NO <sub>3</sub> , pH
4	03-24-04	CCLEA3					/						1	G	Proposed
5	03-24-04	CCLEA3					/						1	H	
6	03-24-04	CCLEA3					/						1	i	
7	03-24-04	CCLEA3					/						1	v	
8	03-24-04	CCLEA3					/						1	K	

21. RELINQUISHED BY			DATE	TIME	22. RECEIVED BY			DATE	TIME	FOR LAB USE ONLY	
1	<i>Lenny DeSteno</i>		3/24/04	1330	<i>Frank DeSteno</i>		3/24/04	1330	Sampling Fee: _____ Hrs.		
2	<i>F. DeSteno</i>		3/24/04	1503	<i>Michelle Taylor</i>		3/24/04	1503	Equipment Rental Fee: _____		
3	<i>Michelle Taylor</i>		3/24/04	1605	<i>W. Taylor</i>		3/25/04	1000	Profile No.:	Quote No.:	

## 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.



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

**CHAIN OF CUSTODY RECORD**

No. E **70739**

Page 2 of 2

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_

FOR LAB USE ONLY

Submission No.

**F04030694**

Temp. of Contents: 3 °C (or Received on Ice, ROI)

Condition of Seals: \_\_\_\_\_

1. Client: (Company or Individual)

*Santa Fe Enviro*

Address:

*1301 Pattison Rd Bldg E*

Phone:

*(904) 861-6664*

City

*Seaside*

State

*FL*

Zip Code

*314234*

Fax:

( )

2. Report to: (if different from above)

*Cesar Rodriguez*

Address:

Phone:

Fax:

( )

City

State

Zip Code

3. Client Project Name:

*CCSWD Beach 3*

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

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By:

*T. Fokworthy*

8. Shipping Method:

*ice*

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.								
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other				
1	<i>032404</i>	<i>CCLEA3</i>	<i>3-24-04</i>	<i>1100</i>			<i>✓</i>	<i>AE</i>							
2	<i>032404</i>	<i>CCLEA3</i>					<i>✓</i>	<i>AE</i>							
3	<i>032404</i>	<i>CCLEA3</i>					<i>✓</i>	<i>AE</i>							
4	<i>032404</i>	<i>CCLEA3</i>					<i>✓</i>	<i>AE</i>							
5															
6															
7															
8															
9															
10															

No. of Containers

14. *Analyses Requested*  
*Metals to MS, NO3*  
*Substrate*  
*Van*  
*the weak, extended*  
*the TDS, pH, App 10*

20 REMARK

LAB USE ONLY  
LAB SAMPLE NO.

18. Report Type:

Routine  
 Standard QC  
 Datapackage

19. Turnaround Time

Standard  
 Rush: / /

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

21. RELINQUISHED BY

DATE

TIME

22. RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

*Frank DeSteno*

*3-24-04*

*1330*

*Frank DeSteno*

*3/24/04*

*1330*

Sampling Fee: \_\_\_\_\_ Hrs.

*Frank DeSteno*

*3/24/04*

*1503*

*Michelle Taylor*

*3/24/04*

*1503*

Equipment Rental Fee: \_\_\_\_\_

*Michelle Taylor*

*3/24/04*

*15*

*CCSWD*

*3/25/04*

*1000*

Profile No.:

Quote No.:

## 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.
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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.





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

### CHAIN OF CUSTODY RECORD

No. E **70737**

Page 1 of 2

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

FOR LAB USE ONLY

Condition of Contents: \_\_\_\_\_  
Temp. of Contents: 2° °C (or Received on Ice, ROI) Condition of Seals: \_\_\_\_\_

Submission No. M04030701

1. Client: (Company or Individual)

Address: 1301 Callahan Rd bly E  
City: Severna State: FL Zip Code: 34834

Phone: (941) 861-6664

18. Report Type:

- Routine
- Standard QC
- Datapackage

2. Report to: (if different from above)

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: ( )

19. Turnaround Time

- Standard
- Rush: 1 1

3. Client Project Name:

Annual  
CCSWD Leach H

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. No. of Containers	15. Preservatives	16. Containers	17. Analyses Requested
	<u>H C C C C C C C C C C</u>	<u>V V G B B B B B</u>	<u>VOE 1-200 APP I, II</u> <u>5011 FDB 1-6 II</u> <u>5270 Semi 205 APP</u> <u>5051 APP I, II</u> <u>5052 APP I, II</u> <u>5051 APP I, II</u> <u>5141 APP I, II</u> <u>Metals Fe, Hg, Na</u>

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

4. Client Project No.:

5. P.O. No.:

6. Custody Seal No.:

7. Sampled By: J. Foxworth

8. Shipping Method: ice

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.					14. No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.	
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other				
1	<u>032404</u>	<u>CCLEA4</u>	<u>3/24/04</u>	<u>1150</u>			<u>1</u>	<u>1</u>					<u>3</u>		<u>4030778</u>
2	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>2</u>	<u>DT</u>	<u>NO<sub>x</sub>, NO<sub>3</sub>, NO<sub>3</sub>, pH</u>
3	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>	<u>F</u>	
4	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>	<u>B</u>	
5	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>	<u>H</u>	
6	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>		
7	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>		
8	<u>032404</u>	<u>CCLEA4</u>					<u>1</u>	<u>1</u>					<u>1</u>	<u>K</u>	

21. RELINQUISHED BY

DATE

TIME

22. RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

1. J. Foxworth

3/24/04

1330

Frank Destro

3/24/04

1330

Sampling Fee: \_\_\_\_\_ Hrs.

2. F. Destro

3/24/04

1503

Michael Taylor

3/24/04

1503

Equipment Rental Fee: \_\_\_\_\_

3. Michael Taylor

3/24/04

1605

J. Foxworth

3/25/04

10:00

Profile No.:

Quote No.:

# 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.



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

**CHAIN OF CUSTODY RECORD**

No. E **70738**

Page 2 of 2

FOR LAB USE ONLY

FOR LAB USE ONLY

(INSTRUCTIONS ON BACK OF THIS FORM)

Condition of Contents: \_\_\_\_\_  
 Temp. of Contents: 20 °C (or Received on Ice, ROI) Condition of Seals: \_\_\_\_\_

Submission No. R04030701

1. Client: (Company or Individual)  
Acosta Pkg. Co. Inc.

Address: 1301 Cattlemen Rd by E  
Sarasota State FL Zip Code 34234

Phone: (941) 561-6664  
 Fax: ( )

18. Report Type:  
 Routine  
 Standard QC  
 Datapackage

2. Report to: (if different from above)  
Arac Rodriguez

Address: \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone: ( )  
 Fax: ( )

19. Turnaround Time  
 Standard  
 Rush: 1/1

3. Client Project Name:  
CCSWD Actual Leach 4

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. 15. Preservatives S H<sub>2</sub>O<sub>2</sub> NO<sub>3</sub>  
 16. Containers P P P P  
 17. Analyses Requested  
Nutrients to 100 mg/L  
Sulfide  
Ca bic alk chloride  
Nit 205, 199, 5, 20

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

4. Client Project No.:

5. P.O. No.: 434657

6. Custody Seal No.:

7. Sampled By: T. Foxworthy

8. Shipping Method: ice

Item	9. Sample ID or No.	10. Sample Description	11.		12.		13.						No. of Containers	20. REMARK	LAB USE ONLY LAB SAMPLE NO.	
			Date	Time	Comp.	Grab	Water (Codes)	Air	Soil	Sludge	Other					
1	<u>032404</u>	<u>CCLEAK</u>	<u>3/24/04</u>	<u>1150</u>			<u>1</u>	<u>LE</u>								
2	<u>032404</u>	<u>CCLEAK</u>					<u>1</u>	<u>LE</u>								
3	<u>032404</u>	<u>CCLEAK</u>					<u>1</u>	<u>LE</u>								
4	<u>032404</u>	<u>CCLEAK</u>					<u>1</u>	<u>LE</u>								
5																
6																
7																
8																
9																
10																

21. RELINQUISHED BY	DATE	TIME	22. RECEIVED BY	DATE	TIME	FOR LAB USE ONLY
<u>Levy Schwartz</u>	<u>3/24/04</u>	<u>1330</u>	<u>Frank DeSteno</u>	<u>3/24/04</u>	<u>1330</u>	Sampling Fee: _____ Hrs.
<u>Frank DeSteno</u>	<u>3/24/04</u>	<u>1503</u>	<u>Whitluch Taylor</u>	<u>3/24/04</u>	<u>1503</u>	Equipment Rental Fee: _____
<u>Whitluch Taylor</u>			<u>[Signature]</u>	<u>3/25/04</u>	<u>10:00</u>	Profile No.: _____ Quote No.: _____

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

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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.
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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.
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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).
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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.