

J. Martin
(W)

Surface water 100494

JRM
10/18/02

Florida Department of Environmental Protection

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

DEP Form # 62-522.900(2)
Form Title Ground Water Monitoring Report
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

RECEIVED
DEC 07 2002
By _____

PART I GENERAL INFORMATION

- (1) Facility Name SOUTHEAST LANDFILL
Address 15960 C. R. 672
City PICNIC, FL Zip 33503
Telephone Number (813) 671-7707
- (2) The GMS Identification Number 4029C30075
- (3) DEP Permit Number SO29-256427
- (4) Authorized Representative Name DARYL H. SMITH, DIRECTOR, SOLID WASTE MANAGEMENT DEPT
Address P O BOX 1110
City TAMPA, FLORIDA Zip 33601
Telephone Number (813) 276-2900
- (5) Type of Discharge GROUNDWATER - POTENTIAL ONLY
- (6) Method of Discharge LANDFILL

Certification

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

Date: 12/3/01 [Signature]
Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

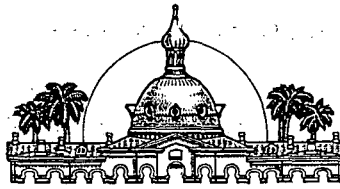
Sample Organization Comp QAP # 860198

Analytical Lab Comp QAP # /HRS Certification # 83160
*Comp QAP # /HRS Certification # _____

Lab Name ELAB, INC

Address 3365 E COLONIAL DRIVE, ORLANDI, FL 32807 - 8 E. TOWER CIRCLE, ORMOND BEACH, FL 32174

Phone Number (904) 672-5668



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Stacey L. Easterling
Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Kathy C. Harris
Edwin Hunzeker
Anthony Shoemaker

December 3, 2001

Mr. John Morris, P.G.
Department of Environmental Protection
Solid Waste Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

**Re: Southeast County Landfill
Semi-Annual Analytical Data Report, August 2001
Permit #S029-256427**

Dear Mr. Morris:

In accordance with Landfill Operation Permit No. SO29-256427, the Hillsborough County Solid Waste Management Department (SWMD) is pleased to provide the analytical data report (ADR) for the semi-annual water quality monitoring at the Southeast County Landfill. Samples were collected by the SWMD during August 20-22, 2001, and were analyzed by our contract laboratory, Elab, Inc. Due to problems at the laboratory, the Southeast Landfill surface water sites were unable to be analyzed for chemical oxygen demand (COD). The holding time for COD (five days) had expired, therefore the analyses were not conducted. The SWMD and Elab will ensure that COD is properly analyzed for during the February 2002 semiannual sampling event.

Enclosed for your review, please find the copies of the letters sent to the owners of the private wells, a sampling site location map, the analytical data summary tables, a groundwater elevation data summary table, a surficial aquifer groundwater elevation contour diagram, and the complete laboratory analytical data report sheets.

*ground water, leachate
and well monitoring
data filed separately*

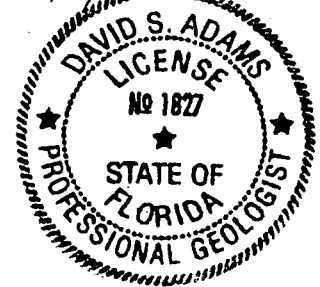
Mr. John Morris, P.G.
December 3, 2001
Page 2

Should you have any questions or require any additional information, please feel free to contact me directly at (813) 276-2944.

Sincerely,

David S. Adams 12/3/01

David S. Adams, P.G.
Environmental Manager
Solid Waste Management



DSA/kb
Enclosures

xc: Daryl Smith, Director, SWMD
Patricia Berry, Section Manager, SWMD
Matt Mathews, Landfill Manager, SWMD
C. Lee Smith, District Landfill Manager, WM, Southeast Landfill
Carolyn McCreedy, Engineer, WM, Southeast Landfill
Larry Ruiz, Project Manager, SCS Engineers
Chongman Lee, Department of Environmental Protection
Paul Schipfer, Environmental Protection Commission
Irene Barnes, Southeast Hillsborough Civic Association

Analytical Results from Surface Water Samples Collected at Southeast Landfill

August 22, 2001

GENERAL										(MCL) STANDARD
PARAMETERS	3A	1A-1E	3B2B	3C2	S.L. 1-A	S.L. 1-B	S.L. 1-C	S.L. 1-D	S.L. 1-E	F.A.C. 62-302
conductivity (umhos/cm) (field)	326	267	299	270	-	-	-	-	-	1275
pH (field)	6.54	6.95	6.48	6.56	-	-	-	-	-	(6.5 - 8.5)
total dissolved solids (mg/l)	200	160	180	180	-	-	-	-	-	NS
total suspended solids (mg/l)	BDL	47	BDL	BDL	-	-	-	-	-	NS
temperature (°C) in field	24.3	29.3	24.1	24.5	-	-	-	-	-	NS
turbidity (field) (NTU)	4.1	24.9	6.1	4.5	-	-	-	-	-	29
nitrate (mg/l)	1.5	BDL	0.89	0.55	-	-	-	-	-	NS
total nitrogen (mg/l)	2.2	3.8	1.5	0.83	-	-	-	-	-	
dissolved oxygen (mg/l) (field)	3.8	3.9	3.4	5.5	-	-	-	-	-	Must Be > OR=5.0
total phosphorous (mg/l)	BDL	2.2	0.35	0.56	-	-	-	-	-	NS
biochem. oxygen demand (mg/l)	BDL	9.5	BDL	BDL	-	-	-	-	-	NS
chemical oxygen demand (mg/l)	ND	ND	ND	ND	-	-	-	-	-	NS
total organic carbon (mg/l as C)	6.1	17	8.9	15	-	-	-	-	-	NS
chlorophyll-A (MG/M3)	3.1	87	1	2.5	-	-	-	-	-	NS
total hardness (mg/l as CaCO)	110	100	98	90	-	-	-	-	-	NS
fecal coliform (Col/100ml)	190	-	120	110	30	BDL	160	100	90	800
Metals: (mg/l)	3A	1A-1E	3B2B	3C2	S.L. 1-A	S.L. 1-B	S.L. 1-C	S.L. 1-D	S.L. 1-E	(MCL) STANDARD F.A.C. 62-302
iron	0.160	0.22	0.340	0.520	-	-	-	-	-	1
copper	0.0016	0.0018	0.0022	0.0016	-	-	-	-	-	**
barium	0.03	BDL	0.021	0.014	-	-	-	-	-	NS
vanadium	BDL	BDL	BDL	BDL	-	-	-	-	-	NS
chromium	BDL	BDL	BDL	BDL	-	-	-	-	-	***
nickel	BDL	BDL	BDL	BDL	-	-	-	-	-	****
zinc	BDL	0.028	0.035	BDL	-	-	-	-	-	*=105.99
mercury	BDL	BDL	BDL	BDL	-	-	-	-	-	0.000012
NOTE: Water Levels taken on August 17, 1998										
NOTE: Referenced, Surface Water Quality Standards Title 62 Chapter 62-302, Class III: Fresh										
NS= NO STANDARD										
MCL= MAXIMUM CONTAMINANT LEVEL										
1A-1E= SMITH LAKE COMPOSITE SAMPLE										
S.L. 1-A= SMITH LAKE SAMPLE 1-A										
ND= No Data										
BDL= BELOW DETECTION LIMIT										
*= $Zn < \text{or} = e(0.8473[\ln H] + 0.7614)$, note: H=Hardness, for 3A standard is 105.99										
**= $Cu < \text{or} = e(0.8545[\ln H] - 1.465)$										
***= $Cr < \text{or} = e(0.819[\ln H] + 1.561)$										
****= $Ni < \text{or} = e(0.846[\ln H] + 1.1645)$										
6.48: EXCEEDS TITLE 62 CHAPTER 62-302 SURFACE WATER QUALITY STANDARDS										
NTU= NEPHELOMETRIC TURBIDITY UNITS										
µg/l= MICROGRAMS PER LITER										
mg/l= MILLIGRAMS PER LITER										
NOTE: (-) indicates that the sample was not analyzed for this parameter										
TNT= TO NUMEROUS TO COUNT										
NGVD: National Geodetic Vertical Datum										

Groundwater and Surface Water Elevation For Southeast County Landfill

August 20, 2001

Measuring Point I.D.	T.O.C. Elevations (NGVD)	08/20/2001 W.L. B.T.O.C.	W.L. (NGVD)
P-2D	138.73	19.81	118.92
P-2S	138.82	6.65	132.17
P-3D	143.19	21.60	121.59
P-3S	143.20	6.34	DRY
P-4D	141.80	23.81	117.99
P-4S	141.98	4.75	137.23
P-5D	156.84	19.15	137.69
P-6D	159.10	35.10	124.00
P-7D	138.18	16.93	121.25
P-8D	138.72	18.54	120.18
P-9D	138.25	17.65	120.60
P-10D	130.06	7.50	122.56
P-11D	137.28	18.19	119.09
TH-19*	130.05	96.44	33.61
TH-22	128.82	27.90	100.92
TH-28	130.60	25.61	104.99
TH-30	128.37	22.87	105.50
TH-32	129.25	14.86	114.39
TH-35	145.19	27.44	117.75
TH-36A	152.70	32.12	120.58
TH-38A	131.20	9.42	121.78
TH-40*	124.77	91.82	32.95
TH-56	131.69	15.03	116.66
TH-57	128.09	18.65	109.44
TH-58	127.67	27.61	100.06
SW-3A	3.0'=125.2'	1.12	123.32
SW-3B2B	3.0'=97.63'	1.56	96.19
SW-3C2	3.0'=91.99'	1.62	90.61
SMITH LAKE	6.0'=124.73'	1.68	120.41
NGVD = National Geodetic Vertical Datum			
T.O.C. = Top of Casing			
B.T.O.C. = Below Top of Casing			
* = Floridan Well			
ND = No Data			
W.L. = Water Level			



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 3

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3A

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00010	TEMPERATURE (Field)	GRAB	170.1	24.3		N/A	DEG C	UNFILTERED	08/22/01
00406	pH (Field)	GRAB	150.1	6.54		N/A	UNIT	UNFILTERED	08/22/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	326		1	umho/cm	UNFILTERED	08/22/01
82078	TURBIDITY (Field)	GRAB	180.1	4.10		1.0	NTU	UNFILTERED	08/22/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	3.8		0.10	mg/L	UNFILTERED	08/22/01
00310	BOD 5-day	GRAB	405.1	2.0	U	2.0	mg/L	UNFILTERED	08/24/01
00403	pH	GRAB	150.1	5.76			UNIT	UNFILTERED	08/23/01
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	355		1.0	umhos/cm	UNFILTERED	08/23/01
00530	TOTAL SUSPENDED SOLIDS (TSS)	GRAB	160.2	1.0	U	1.0	mg/L	UNFILTERED	08/24/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	1.5		0.050	mg/L	UNFILTERED	08/23/01
00625	TOTAL KJELDAHL NITROGEN (as N)	GRAB	351.2	0.63		0.50	mg/L	UNFILTERED	08/30/01
00665	TOTAL PHOSPHORUS	GRAB	365.4	0.10	U	0.10	mg/L	UNFILTERED	08/30/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	200		5.0	mg/L	UNFILTERED	08/24/01
32211	CHLOROPHYLL a	GRAB	SM10200H	3.1		1.0	mg/m3	UNFILTERED	08/28/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01002	ARSENIC (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
00630	NITROGEN - NO3/NO2 (NOX)	GRAB	353.2	1.6		0.050	mg/L	UNFILTERED	08/27/01
00680	TOTAL ORGANIC CARBON (TOC)	GRAB	415.1	6.1		1.0	mg/L	UNFILTERED	08/23/01
01007	BARIUM (TOTAL)	GRAB	6010	30		10	ug/L	UNFILTERED	08/24/01
00600	NITROGEN - TOTAL (TN)	GRAB	351+353	2.2		0.50	mg/L	UNFILTERED	08/30/01
00900	TOTAL HARDNESS as CaCO3	GRAB	SM2340B	110		1.2	mg/L	UNFILTERED	08/24/01
00612	AMMONIA NITROGEN - UNIONIZED (as N)	GRAB	350.1	0.050	U	0.050	mg/L	UNFILTERED	08/24/01
01012	BERYLLIUM (TOTAL)	GRAB	210.2	0.10	U	0.10	ug/L	UNFILTERED	08/28/01



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 3

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3A

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01027	CADMIUM (TOTAL)	GRAB	213.2	0.10	U	0.10	ug/L	UNFILTERED	08/28/01
01034	CHROMIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01042	COPPER (TOTAL)	GRAB	220.2	1.6		1.0	ug/L	UNFILTERED	08/30/01
01045	IRON (TOTAL)	GRAB	6010	160		40	ug/L	UNFILTERED	08/24/01
01051	LEAD (TOTAL)	GRAB	239.2	1.0	U	1.0	ug/L	UNFILTERED	08/30/01
71900	MERCURY	GRAB	7470	0.10	U	0.10	ug/L	UNFILTERED	08/29/01
01067	NICKEL (TOTAL)	GRAB	249.2	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01087	VANADIUM (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01077	SILVER (TOTAL)	GRAB	272.2	0.070	U	0.070	ug/L	UNFILTERED	08/29/01
01059	THALLIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01092	ZINC (TOTAL)	GRAB	6010	20	U	20	ug/L	UNFILTERED	08/24/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34566	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34571	1,4-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
81595	2-BUTANONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77103	2-HEXANONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
82552	ACETONE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 3

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3A

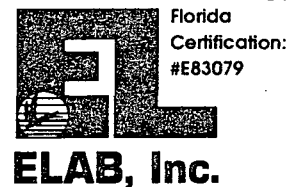
Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34030	BENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	09/04/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77268	trans-1,4-DICHLORO-2- BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34301	CHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	09/04/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34371	ETHYLBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	09/04/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34010	TOLUENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	09/04/01



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 3

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3A

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
39175	VINYL CHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34020	XYLENES (Total)	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
49146	1,2-DIBROMO-3- CHLOROPROPANE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01
77651	ETHYLENE DIBROMIDE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 2

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: COMP. SMITH LAKE

Sample Date: 08/22/01
Well Type:

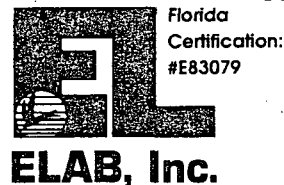
Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00010	TEMPERATURE (Field)	GRAB	170.1	29.3		N/A	DEG C	UNFILTERED	08/22/01
00406	pH (Field)	GRAB	150.1	6.95		N/A	UNIT	UNFILTERED	08/22/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	267		1	umho/cm	UNFILTERED	08/22/01
82078	TURBIDITY (Field)	GRAB	180.1	24.9		1.0	NTU	UNFILTERED	08/22/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	3.9		0.10	mg/L	UNFILTERED	08/22/01
00310	BOD 5-day	GRAB	405.1	9.5	INH	2.0	mg/L	UNFILTERED	08/24/01
00403	pH	GRAB	150.1	7.59			UNIT	UNFILTERED	08/23/01
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	260		1.0	umhos/cm	UNFILTERED	08/23/01
00530	TOTAL SUSPENDED SOLIDS (TSS)	GRAB	160.2	47		1.0	mg/L	UNFILTERED	08/24/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	0.050	U	0.050	mg/L	UNFILTERED	08/23/01
00625	TOTAL KJELDAHL NITROGEN (as N)	GRAB	351.2	3.1		0.50	mg/L	UNFILTERED	08/30/01
00665	TOTAL PHOSPHORUS	GRAB	365.4	2.2		0.10	mg/L	UNFILTERED	08/30/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	160		5.0	mg/L	UNFILTERED	08/24/01
32211	CHLOROPHYLL a	GRAB	SM10200H	87		1.0	mg/m3	UNFILTERED	08/28/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01002	ARSENIC (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
00630	NITROGEN - NO3/NO2 (NOX)	GRAB	353.2	0.67		0.050	mg/L	UNFILTERED	08/27/01
00680	TOTAL ORGANIC CARBON (TOC)	GRAB	415.1	17		1.0	mg/L	UNFILTERED	08/23/01
01007	BARIUM (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
00600	NITROGEN - TOTAL (TN)	GRAB	351+353	3.8		0.50	mg/L	UNFILTERED	08/30/01
00900	TOTAL HARDNESS as CaCO3	GRAB	SM2340B	100		1.2	mg/L	UNFILTERED	08/24/01
00612	AMMONIA NITROGEN - UNIONIZED (as N)	GRAB	350.1	0.050	U	0.050	mg/L	UNFILTERED	08/24/01
01012	BERYLLIUM (TOTAL)	GRAB	210.2	0.10	U	0.10	ug/L	UNFILTERED	08/28/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 2

GMS:N

Monitoring Well:

Classification of Groundwater:

Well Name: COMP. SMITH LAKE

Sample Date: 08/22/01

Well Type:

Well Development Prior to

Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01027	CADMIUM (TOTAL)	GRAB	213.2	0.35	0.10	ug/L	UNFILTERED	08/28/01
01034	CHROMIUM (TOTAL)	GRAB	6010	5.0	U 5.0	ug/L	UNFILTERED	08/24/01
01037	COBALT (TOTAL)	GRAB	6010	10	U 10	ug/L	UNFILTERED	08/24/01
01042	COPPER (TOTAL)	GRAB	220.2	1.8	1.0	ug/L	UNFILTERED	08/30/01
01045	IRON (TOTAL)	GRAB	6010	220	40	ug/L	UNFILTERED	08/24/01
01051	LEAD (TOTAL)	GRAB	239.2	2.6	1.0	ug/L	UNFILTERED	08/30/01
71900	MERCURY	GRAB	7470	0.10	U 0.10	ug/L	UNFILTERED	08/29/01
01067	NICKEL (TOTAL)	GRAB	249.2	1.0	U 1.0	ug/L	UNFILTERED	08/31/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U 5.0	ug/L	UNFILTERED	08/24/01
01087	VANADIUM (TOTAL)	GRAB	6010	10	U 10	ug/L	UNFILTERED	08/24/01
01077	SILVER (TOTAL)	GRAB	272.2	0.070	U 0.070	ug/L	UNFILTERED	08/29/01
01059	THALLIUM (TOTAL)	GRAB	6010	5.0	U 5.0	ug/L	UNFILTERED	08/24/01
01092	ZINC (TOTAL)	GRAB	6010	28	20	ug/L	UNFILTERED	08/24/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U 0.20	ug/L	UNFILTERED	09/04/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U 0.20	ug/L	UNFILTERED	09/04/01
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34566	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34571	1,4-DICHLOROBENZENE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
34215	ACRYLONITRILE	GRAB	8260	1.0	U 1.0	ug/L	UNFILTERED	09/04/01
81595	2-BUTANONE (MEK)	GRAB	8260	10	U 10	ug/L	UNFILTERED	09/04/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U 0.20	ug/L	UNFILTERED	09/04/01
77103	2-HEXANONE, (MBK)	GRAB	8260	10	U 10	ug/L	UNFILTERED	09/04/01
82552	ACETONE	GRAB	8260	10	U 10	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 2

GMS:N

Monitoring Well:

Classification of Groundwater:

Well Name: COMP. SMITH LAKE

Sample Date: 08/22/01

Well Type:

Well Development Prior to

Sample Collection (YES/NO): YES

Ground Water Elevation

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34030	BENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	09/04/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77268	trans-1,4-DICHLORO-2- BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34301	CHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	09/04/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34371	ETHYLBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	09/04/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34010	TOLUENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 2

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: COMP. SMITH LAKE

Sample Date: 08/22/01
Well Type:

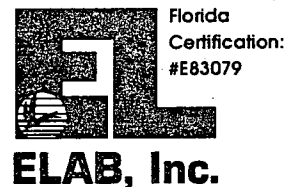
Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS		ANALYSIS		REPORTING		FIELD	DATE
		METHOD	METHOD	RESULT	Q	LIMIT	UNITS	FILTRATION	ANALYZED
39175	VINYL CHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34020	XYLENES (Total)	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
49146	1,2-DIBROMO-3- CHLOROPROPANE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01
77651	ETHYLENE DIBROMIDE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 4

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3B2B

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

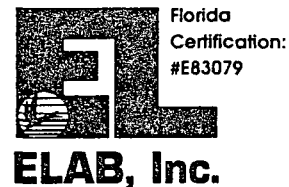
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00010	TEMPERATURE (Field)	GRAB	170.1	24.1	N/A	DEG C	UNFILTERED	08/22/01
00406	pH (Field)	GRAB	150.1	6.48	N/A	UNIT	UNFILTERED	08/22/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	299	1	umho/cm	UNFILTERED	08/22/01
82078	TURBIDITY (Field)	GRAB	180.1	6.10	1.0	NTU	UNFILTERED	08/22/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	3.4	0.10	mg/L	UNFILTERED	08/22/01
00310	BOD 5-day	GRAB	405.1	2.0 U	2.0	mg/L	UNFILTERED	08/24/01
00403	pH	GRAB	150.1	6.36		UNIT	UNFILTERED	08/23/01
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	320	1.0	umhos/cm	UNFILTERED	08/23/01
00530	TOTAL SUSPENDED SOLIDS (TSS)	GRAB	160.2	1.0 U	1.0	mg/L	UNFILTERED	08/24/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	0.89	0.050	mg/L	UNFILTERED	08/23/01
00625	TOTAL KJELDAHL NITROGEN (as N)	GRAB	351.2	0.52	0.50	mg/L	UNFILTERED	08/30/01
00665	TOTAL PHOSPHORUS	GRAB	365.4	0.35	0.10	mg/L	UNFILTERED	08/30/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	180	5.0	mg/L	UNFILTERED	08/24/01
32211	CHLOROPHYLL a	GRAB	SM10200H	1.0	1.0	mg/m3	UNFILTERED	08/28/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0 U	5.0	ug/L	UNFILTERED	08/24/01
01002	ARSENIC (TOTAL)	GRAB	6010	5.0 U	5.0	ug/L	UNFILTERED	08/24/01
00630	NITROGEN - NO3/NO2 (NOX)	GRAB	353.2	0.94	0.050	mg/L	UNFILTERED	08/27/01
00680	TOTAL ORGANIC CARBON (TOC)	GRAB	415.1	8.9	1.0	mg/L	UNFILTERED	08/23/01
01007	BARIUM (TOTAL)	GRAB	6010	21	10	ug/L	UNFILTERED	08/24/01
00600	NITROGEN - TOTAL (TN)	GRAB	351+353	1.5	0.50	mg/L	UNFILTERED	08/30/01
00900	TOTAL HARDNESS as CaCO3	GRAB	SM2340B	98	1.2	mg/L	UNFILTERED	08/24/01
00612	AMMONIA NITROGEN - UNIONIZED (as N)	GRAB	350.1	0.050 U	0.050	mg/L	UNFILTERED	08/24/01
01012	BERYLLIUM (TOTAL)	GRAB	210.2	0.10 U	0.10	ug/L	UNFILTERED	08/28/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

PAGE 13

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 4

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3B2B

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
01027	CADMIUM (TOTAL)	GRAB	213.2	0.15		0.10	ug/L	UNFILTERED	08/28/01
01034	CHROMIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01042	COPPER (TOTAL)	GRAB	220.2	2.2		1.0	ug/L	UNFILTERED	08/30/01
01045	IRON (TOTAL)	GRAB	6010	340		40	ug/L	UNFILTERED	08/24/01
01051	LEAD (TOTAL)	GRAB	239.2	1.0	U	1.0	ug/L	UNFILTERED	08/30/01
71900	MERCURY	GRAB	7470	0.10	U	0.10	ug/L	UNFILTERED	08/29/01
01067	NICKEL (TOTAL)	GRAB	249.2	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01087	VANADIUM (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01077	SILVER (TOTAL)	GRAB	272.2	0.070	U	0.070	ug/L	UNFILTERED	08/29/01
01059	THALLIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01092	ZINC (TOTAL)	GRAB	6010	35		20	ug/L	UNFILTERED	08/24/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34566	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34571	1,4-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
81595	2-BUTANONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77103	2-HEXANONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
82552	ACETONE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 4

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: SURF SITE 3B2B

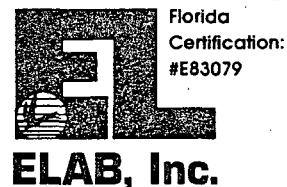
Sample Date: 08/22/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34030	BENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	09/04/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77268	trans-1,4-DICHLORO-2- BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34301	CHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	09/04/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34371	ETHYLBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	09/04/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34010	TOLUENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 4

GMS:N
Monitoring Well:
Classification of Groundwater:
Well Name: SURF SITE 3B2B

Sample Date: 08/22/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS		ANALYSIS		REPORTING		FIELD FILTRATION	DATE ANALYZED
		METHOD	METHOD	RESULT	Q	LIMIT	UNITS		
39175	VINYL CHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34020	XYLENES (Total)	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
49146	1,2-DIBROMO-3- CHLOROPROPANE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01
77651	ETHYLENE DIBROMIDE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 5

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3C2

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	METHOD	ANALYSIS RESULT	REPORTING Q LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
00010	TEMPERATURE (Field)	GRAB	170.1	24.5	N/A	DEG C	UNFILTERED	08/22/01
00406	pH (Field)	GRAB	150.1	6.56	N/A	UNIT	UNFILTERED	08/22/01
00094	SPECIFIC CONDUCTANCE (Field)	GRAB	120.1	270	1	umho/cm	UNFILTERED	08/22/01
82078	TURBIDITY (Field)	GRAB	180.1	4.50	1.0	NTU	UNFILTERED	08/22/01
00299	DISSOLVED OXYGEN (Field)	GRAB	360.1	5.5	0.10	mg/L	UNFILTERED	08/22/01
00310	BOD 5-day	GRAB	405.1	2.0	U 2.0	mg/L	UNFILTERED	08/24/01
00403	pH	GRAB	150.1	6.58		UNIT	UNFILTERED	08/23/01
00094	SPECIFIC CONDUCTANCE	GRAB	120.1	290	1.0	umhos/cm	UNFILTERED	08/23/01
00530	TOTAL SUSPENDED SOLIDS (TSS)	GRAB	160.2	1.0	U 1.0	mg/L	UNFILTERED	08/24/01
00620	NITRATE NITROGEN (as N)	GRAB	300.0	0.55	0.050	mg/L	UNFILTERED	08/23/01
00625	TOTAL KJELDAHL NITROGEN (as N)	GRAB	351.2	0.55	0.50	mg/L	UNFILTERED	08/30/01
00665	TOTAL PHOSPHORUS	GRAB	365.4	0.56	0.10	mg/L	UNFILTERED	08/30/01
00515	TOTAL DISSOLVED SOLIDS (TDS)	GRAB	160.1	180	5.0	mg/L	UNFILTERED	08/24/01
32211	CHLOROPHYLL a	GRAB	SM10200H	2.5	1.0	mg/m3	UNFILTERED	08/28/01
01097	ANTIMONY (TOTAL)	GRAB	6010	5.0	U 5.0	ug/L	UNFILTERED	08/24/01
01002	ARSENIC (TOTAL)	GRAB	6010	5.0	U 5.0	ug/L	UNFILTERED	08/24/01
00630	NITROGEN - NO3/NO2 (NOX)	GRAB	353.2	0.58	0.050	mg/L	UNFILTERED	08/27/01
00680	TOTAL ORGANIC CARBON (TOC)	GRAB	415.1	15	1.0	mg/L	UNFILTERED	08/23/01
01007	BARIUM (TOTAL)	GRAB	6010	14	10	ug/L	UNFILTERED	08/24/01
00600	NITROGEN - TOTAL (TN)	GRAB	351+353	0.83	0.50	mg/L	UNFILTERED	08/30/01
00900	TOTAL HARDNESS as CaCO3	GRAB	SM2340B	90	1.2	mg/L	UNFILTERED	08/24/01
00612	AMMONIA NITROGEN - UNIONIZED (as N)	GRAB	350.1	0.050	U 0.050	mg/L	UNFILTERED	08/24/01
01012	BERYLLIUM (TOTAL)	GRAB	210.2	0.10	U 0.10	ug/L	UNFILTERED	08/28/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 5

GMS:N

Monitoring Well:

Classification of Groundwater:

Well Name: SURF SITE 3C2

Sample Date: 08/22/01

Well Type:

Well Development Prior to

Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS		ANALYSIS		REPORTING	UNITS	FIELD FILTRATION	DATE ANALYZED
		METHOD	METHOD	RESULT	Q	LIMIT			
01027	CADMIUM (TOTAL)	GRAB	213.2	0.10		0.10	ug/L	UNFILTERED	08/28/01
01034	CHROMIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01037	COBALT (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01042	COPPER (TOTAL)	GRAB	220.2	1.6		1.0	ug/L	UNFILTERED	08/30/01
01045	IRON (TOTAL)	GRAB	6010	520		40	ug/L	UNFILTERED	08/24/01
01051	LEAD (TOTAL)	GRAB	239.2	1.0	U	1.0	ug/L	UNFILTERED	08/30/01
71900	MERCURY	GRAB	7470	0.10	U	0.10	ug/L	UNFILTERED	08/29/01
01067	NICKEL (TOTAL)	GRAB	249.2	1.0	U	1.0	ug/L	UNFILTERED	08/31/01
01147	SELENIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01087	VANADIUM (TOTAL)	GRAB	6010	10	U	10	ug/L	UNFILTERED	08/24/01
01077	SILVER (TOTAL)	GRAB	272.2	0.070	U	0.070	ug/L	UNFILTERED	08/29/01
01059	THALLIUM (TOTAL)	GRAB	6010	5.0	U	5.0	ug/L	UNFILTERED	08/24/01
01092	ZINC (TOTAL)	GRAB	6010	20	U	20	ug/L	UNFILTERED	08/24/01
77562	1,1,1,2-TETRACHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34506	1,1,1-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34511	1,1,2-TRICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34496	1,1-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34501	1,1-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77443	1,2,3-TRICHLOROPROPANE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
34536	1,2-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34531	1,2-DICHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34566	1,2-DICHLOROPROPANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34571	1,4-DICHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34215	ACRYLONITRILE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
81595	2-BUTANONE (MEK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34704	cis-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77103	2-HEXANONE (MBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
82552	ACETONE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700

PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM

ELAB REPORT NAME: DERREP->GRNDREP

SAMPLE # 0108700 5

GMS:N

Monitoring Well:

Classification of Groundwater:

Well Name: SURF SITE 3C2

Sample Date: 08/22/01

Well Type:

Well Development Prior to

Sample Collection (YES/NO): YES

Ground Water Elevation

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
81596	4-METHYL-2-PENTANONE (MIBK)	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
34030	BENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
73085	BROMOCHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32101	BROMODICHLOROMETHANE	GRAB	8260	0.60	U	0.60	ug/L	UNFILTERED	09/04/01
32104	BROMOFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34413	BROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34699	trans-1,3-DICHLOROPROPENE	GRAB	8260	0.20	U	0.20	ug/L	UNFILTERED	09/04/01
77041	CARBON DISULFIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77268	trans-1,4-DICHLORO-2- BUTENE	GRAB	8260	10	U	10	ug/L	UNFILTERED	09/04/01
32102	CARBON TETRACHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77424	IODOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34301	CHLOROBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34311	CHLOROETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32106	CHLOROFORM	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32418	CHLOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77093	cis-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
32105	DIBROMOCHLOROMETHANE	GRAB	8260	0.40	U	0.40	ug/L	UNFILTERED	09/04/01
77596	DIBROMOMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34371	ETHYLBENZENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34423	METHYLENE CHLORIDE	GRAB	8260	5.0	U	5.0	ug/L	UNFILTERED	09/04/01
77128	STYRENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34475	TETRACHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34010	TOLUENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34546	trans-1,2-DICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
39180	TRICHLOROETHENE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34488	TRICHLOROFLUOROMETHANE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
77057	VINYL ACETATE	GRAB	8260	2.0	U	2.0	ug/L	UNFILTERED	09/04/01

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 108000700
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0108700 5

GMS:N

Sample Date: 08/22/01

Monitoring Well:

Well Type:

Classification of Groundwater:

Well Name: SURF SITE 3C2

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
39175	VINYL CHLORIDE	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
34020	XYLENES (Total)	GRAB	8260	1.0	U	1.0	ug/L	UNFILTERED	09/04/01
49146	1,2-DIBROMO-3- CHLOROPROPANE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01
77651	ETHYLENE DIBROMIDE	GRAB	8011	0.020	U	0.020	ug/L	UNFILTERED	08/31/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 1

GMS:N

Monitoring Well: SMITH LAKE 1-A

Classification of Groundwater: SURFACE

Well Name: SMITH LAKE 1-A

Well Development Prior to

Sample Collection (YES/NO): YES

Sample Date: 08/22/01

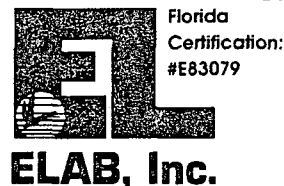
Well Type:

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	30	10		#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 2

GMS:N
Monitoring Well: SMITH LAKE 1-B
Classification of Groundwater: SURFACE
Well Name: SMITH LAKE 1-B

Sample Date: 08/22/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	REPORTING LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	10	U	10	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Florida
Certification:
#E83079**ELAB, Inc.**PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 3GMS:N
Monitoring Well: SMITH LAKE 1-C
Classification of Groundwater: SURFACE
Well Name: SMITH LAKE 1-CSample Date: 08/22/01
Well Type:Well Development Prior to
Sample Collection (YES/NO): YESGround Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	160		100	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 4

GMS:N
Monitoring Well: SURF SITE 3B2B
Classification of Groundwater: SURFACE
Well Name: SURF SITE 3B2B

Sample Date: 08/22/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	120		10	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 5

GMS:N

Monitoring Well: SURF SITE 3A

Classification of Groundwater: SURFACE

Well Name: SURF SITE 3A

Sample Date: 08/22/01

Well Type:

Well Development Prior to

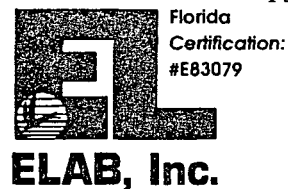
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET		SAMPLING ANALYSIS	ANALYSIS	REPORTING			FIELD	DATE
NUMBER	PARAMETER MONITORED	METHOD	METHOD	RESULT	Q	LIMIT	FILTRATION	ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	190		10	#/100 mL UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 6

GMS:N

Sample Date: 08/22/01

Monitoring Well: SURF SITE 3C2

Well Type:

Classification of Groundwater: SURFACE

Well Name: SURF SITE 3C2

Well Development Prior to

Ground Water Elevation

Sample Collection (YES/NO): YES

(MSL):

STORET		SAMPLING ANALYSIS	ANALYSIS	REPORTING		FIELD	DATE		
NUMBER	PARAMETER MONITORED	METHOD	METHOD	RESULT	Q	LIMIT	UNITS	FILTRATION	ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	110		10	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 7

GMS:N
Monitoring Well: SMITH LAKE 1-E
Classification of Groundwater: SURFACE
Well Name: SMITH LAKE 1-E

Sample Date: 08/22/01
Well Type:

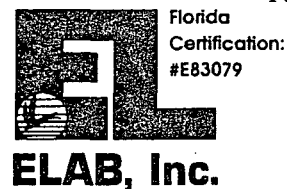
Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	90		10	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.



PARAMETER MONITORING REPORT
(Rule 62-520.400, 62-520.420, 62-520.460)

ELAB SUBMISSION # 109000233
PROJECT : SOUTHEAST LANDFILL WELL MONITORING PROGRAM
ELAB REPORT NAME: DERREP->GRNDREP
SAMPLE # 0109233 8

GMS:N
Monitoring Well: SMITH LAKE 1-D
Classification of Groundwater: SURFACE
Well Name: SMITH LAKE 1-D

Sample Date: 08/22/01
Well Type:

Well Development Prior to
Sample Collection (YES/NO): YES

Ground Water Elevation
(MSL):

STORET NUMBER	PARAMETER MONITORED	SAMPLING ANALYSIS METHOD	ANALYSIS METHOD	ANALYSIS RESULT	REPORTING Q	LIMIT	UNITS	FIELD FILTRATION	DATE ANALYZED
31616	FECAL COLIFORM (MF)	GRAB	SM9222D	100		10	#/100 mL	UNFILTERED	08/22/01

Data Qualifier Code Key:

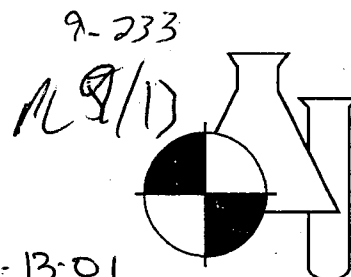
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

BENCHMARK

EnviroAnalytical, Inc.

FD0H Certification #E84167 and #84455
FDEP Quality Assurance #870594G

Page 14



Submission Number 1080439

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

Project Name: HILLSBOROUGH COUNTY SOLID WASTE
Date Received: 08/22/2001
Time Received: 1155

Submission Number 1080439

Sample Number: 1 Sample Description: Smith Lake 1-A
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0815

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
FECAL COLIFORM	30	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Submission Number 1080439

Sample Number: 2 Sample Description: Smith Lake 1-B
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0904

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
FECAL COLIFORM	10U	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Submission Number 1080439

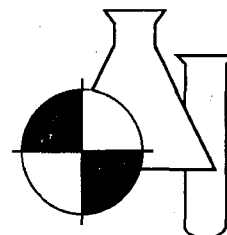
Sample Number: 3 Sample Description: Smith Lake 1-C
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0852

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
-----------	--------	-------	-----------------	-----------	---------------	------	---------

Page 1 of 3

BENCHMARK

EnviroAnalytical, Inc.



FDOH Certification #E84167 and #84455
FDEP Quality Assurance #870594G

FECAL COLIFORM 160 #/100 ML 100 SM9222D 08/22/2001 13:25 LOA 3

U = Analyte not detected at the value indicated

Submission Number 1080439

Sample Number: 4 Sample Description: Surf Site 3b 2b
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0730

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
FECAL COLIFORM	120	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Submission Number 1080439

Sample Number: 5 Sample Description: Surf Site 3a
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0710

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
FECAL COLIFORM	190	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Submission Number 1080439

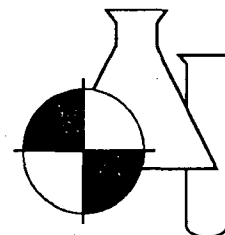
Sample Number: 6 Sample Description: Surf Site 3c2
Sample Date: 08/22/2001 Sample Method: Grab
Sample Time: 0747

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Time	Analyst
FECAL COLIFORM	110	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

BENCHMARK

EnviroAnalytical, Inc.



FDOH Certification #E84167 and #84455
FDEP Quality Assurance #870594G

Submission Number 1080439

Sample Number: 7

Sample Description: Smith Lake 1-E

Sample Date: 08/22/2001

Sample Method: Grab

Sample Time: 0842

7

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Analysis Time	Analyst
FECAL COLIFORM	90	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Submission Number 1080439

Sample Number: 8

Sample Description: Smith Lake 1-D

Sample Date: 08/22/2001

Sample Method: Grab

Sample Time: 0830

8

Parameter	Result	Units	Detection Limit	Procedure	Analysis Date	Analysis Time	Analyst
FECAL COLIFORM	100	#/100 ML	10	SM9222D	08/22/2001	13:25	LOA

U = Analyte not detected at the value indicated

Dale Dixon 09/12/2001
Dale D. Dixon / Laboratory Director Date