



Environmental Certification
HRS #E83079

HARDEE COUNTY
REGIONAL SANITARY LF
ENVIROLAB

1032 U.S. Highway One, North
P.O. Box 468
Ormond Beach, Florida 32175
(904) 672-5668
Fax (904) 673-4001
Drinking Water Certification
HRS #83160

4025C3000

40612

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404, 17-3.406)

ENVIROLAB SUBMISSION # 9311000236
ORDER # 41037

GMS:4025C30001
Monitoring Well: 4025A14569
Classification of Groundwater: GW II
Well Name: MW-1

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

Sample Date: 11/17/93
Well Type: COMPLIANCE

M
5025-214306

Ground Water Elevation
(Above MSL) 83.34

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE	
						FILTER/ UNFILTER	PRESERVATIVE ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	363	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	4.8	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	380	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	25	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	18	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	0.001	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	14	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	5.0	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	49	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	68	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	78	MG/L	UNFILTERED	PH<2 HCL



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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41038

GMS:4025C30001
Monitoring Well: 4025A14570
Classification of Groundwater: GW II
Well Name: MW-2

Sample Date: 11/17/93
Well Type: COMPLIANCE

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

Ground Water Elevation
(Above MSL) 80.58

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE	
						FILTER/ UNFILTER	PRESERVATIVE ADDED
82545	MEAN SEA LEVEL T.O.C.	GRAB	08245	80.58	FEET	UNFILTERED	FIELD



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41039

GHS:4025C30001
Monitoring Well: 4025A14571
Classification of Groundwater: GW II
Well Name: MW-3

Sample Date: 11/17/93
Well Type: COMPLIANCE

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

Ground Water Elevation
(Above MSL) 83.21

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE	PRESERVATIVE
						FILTER/ UNFILTER	ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	125	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	5.8	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	120	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	26	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	1.0	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	<0.001	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	<0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	3.7	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	35	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	10	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	10	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	8.7	MG/L	UNFILTERED	PH<2 HCL



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41040

GMS:4025C30001
Monitoring Well: 4025A14572
Classification of Groundwater: GW II
Well Name: MW-4

Sample Date: 11/17/93
Well Type: BACKGROUND

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

Ground Water Elevation
(Above MSL) 81.77

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE FILTER/ UNFILTER	PRESERVATIVE ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	143	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	5.8	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	210	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	22	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	18	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	<0.001	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	<0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	4.0	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	42	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	8.0	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	<5	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	66	MG/L	UNFILTERED	PH<2 HCL



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41041

GMS:4025C30001
Monitoring Well: 4025A14573
Classification of Groundwater: GW II
Well Name: MW-5

Sample Date: 11/17/93
Well Type: COMPLIANCE

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

Ground Water Elevation
(Above MSL) 80.68

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE	PRESERVATIVE
						FILTER/ UNFILTER	ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	87	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	4.8	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	72	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	26	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	7.8	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	<0.001	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	<0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	5.2	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	<5	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	9.0	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	12	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	35	MG/L	UNFILTERED	pH<2 HCL



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311060236
ORDER # 41042

GMS:4025C30001
Monitoring Well: 4025A14574
Classification of Groundwater: GW II
Well Name: MW-6

Sample Date: 11/17/93
Well Type: COMPLIANCE

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

Ground Water Elevation
(Above MSL) 83.22

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE FILTER/ UNFILTER	PRESERVATIVE ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	188	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	4.2	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	100	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	25	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	8.6	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	<0.001	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	<0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	22	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	<5	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	45	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	12	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	89	MG/L	UNFILTERED	PH<2 HCL



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41043

GMS:4025C30001
Monitoring Well: 4025A14575
Classification of Groundwater: GW II
Well Name: MW-7

Sample Date: 11/17/93
Well Type: COMPLIANCE

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

Ground Water Elevation
(Above MSL) 82.76

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE	
						FILTER/ UNFILTER	PRESERVATIVE ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	257	UMHOS/CM	UNFILTERED	FIELD
00403	PH LAB	GRAB	150.1	4.0	UNITS	UNFILTERED	COOL 4 DEG
70300	TOTAL DISSOLVED SOLIDS	GRAB	160.1	130	MG/L	UNFILTERED	COOL 4 DEG
00010	FIELD TEMPERATURE	GRAB	170.1	41	DEG C	UNFILTERED	FIELD
01045	IRON	GRAB	236.1	12	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	0.002	MG/L	UNFILTERED	PH<2 HNO3
01055	MANGANESE	GRAB	243.1	<0.01	MG/L	UNFILTERED	PH<2 HNO3
00929	SODIUM	GRAB	273.1	26	MG/L	UNFILTERED	PH<2 HNO3
00440	BICARBONATE ALKALINITY	GRAB	310.1	<5	MG/L	UNFILTERED	COOL 4 DEG
00940	CHLORIDE	GRAB	325.3	55	MG/L	UNFILTERED	COOL 4 DEG
00620	NITRATE NITROGEN	GRAB	353.2	<0.5	MG/L	UNFILTERED	COOL 4 DEG
00945	SULFATE	GRAB	375.4	12	MG/L	UNFILTERED	COOL 4 DEG
00680	TOTAL ORGANIC CARBON	GRAB	415.1	63	MG/L	UNFILTERED	PH<2 HCL



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PARAMETER MONITORING REPORT
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ENVIROLAB SUBMISSION # 9311000236
ORDER # 41044

GMS:4025C30001
Monitoring Well:
Classification of Groundwater: GW II
Well Name: SPRAY LECHATE

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

Sample Date: 11/17/93
Well Type: COMPLIANCE

Ground Water Elevation
(Above MSL) 0.00

5351

STORET NUMBER	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULT	UNITS	SAMPLE FILTER/ UNFILTER	PRESERVATIVE ADDED
00094	FIELD SPECIFIC CONDUCTANCE	GRAB	120.1	379	UMHOS/CM	UNFILTERED	FIELD
00403	PH FIELD	GRAB	150.1	6.5	UNITS	UNFILTERED	FIELD
82078	TURBIDITY	GRAB	180.1	26	N.T.U.	UNFILTERED	COOL 4 DEG
01045	IRON	GRAB	236.1	5.8	MG/L	UNFILTERED	PH<2 HNO3
01051	LEAD	GRAB	239.2	<0.001	MG/L	UNFILTERED	PH<2 HNO3
00299	DISSOLVED OXYGEN FIELD	GRAB	360.1	1.7	MG/L	UNFILTERED	FIELD
00680	TOTAL ORGANIC CARBON	GRAB	415.1	55	MG/L	UNFILTERED	PH<2 HCL
31501	TOTAL COLIFORM	GRAB	SM9222B	5000	#/100ml	UNFILTERED	COOL 4 DEG