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MAR 26 2009

ENVIRONMENTAL PROGRAMS
Solid Waste Authority

TOM SIRNA
PBSWA
7501 N. JOG RD.
WEST PALM BEACH, FL 33412

Log #: L260663
Report Period: 2009/Q1

Client Project ID: CENTRAL COUNTY TRANSFER STATION-WELLS
Collected by: Customer Sampled

Laboratory Sample #	Client Sample #
L260663-1	CTMW-4S
L260663-2	CTMW-4I
L260663-3	CTSHD-022309
L260663-4	CTMW-3S
L260663-5	CTMW-3I
L260663-6	CTMW-2S
L260663-7	CTMW-2I
L260663-8	METALS BLANK

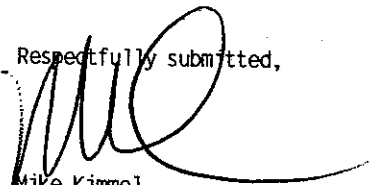
FLDOH/NELAC# E86240
GA CERT# 917
IL/NELAC CERT# 200020
VA CERT# 00395

KS/NELAC# E-10360
ADEM ID# 40850
TN CERT# 02985
USDA Soil Permit# S-35240

NC CERT# 444
SC CERT# 96031001

Genapure 3231 NW 7th Avenue Boca Raton, FL 33431 (888) 862-5227

Respectfully submitted,


Mike Kimmel
Project Manager

Order #: L260663-1
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 14.28
 Total Depth (ft): 32.5
 Top of Casing ('): NA
 Evacuation (gallons) 12

Sheen:
 Color: LtYellow
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-4S
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 10:51 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
	00010 TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 10:51	25.9 Deg. C	1	0.10 Deg. C
	00094 CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 10:51	508 umhos/cm	1	0.10 umhos/cm
	00406 PH FIELD	GRAB	N	150.1	02/23 10:51	6.82 units	1	0.10 units
	82078 TURBIDITY, FIELD	GRAB	N	180.1	02/23 10:51	5.6 ntu	1	0.10 ntu
Wet Chemistry								
	00410 TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	126 mg/l	1	5.0 mg/l
	00610 AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l*	1	0.050 mg/l
	00340 CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	34.0 mg/l	1	10. mg/l
	00940 CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	35.8 V mg/l	1	1.0 mg/l
	00084 COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	120 pcu	2	10. pcu
	00745 TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
	038260 DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
	00620 NITRATE (AS N)	GRAB	N	300.0	02/24 23:10	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
	NA149 TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
	00945 SULFATE	GRAB	N	300.0	02/24 23:10	59.3 V mg/l	10	5.0 mg/l
	70300 TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	264 mg/l	1	10. mg/l
	00625 KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	0.633 V mg/l	1	0.40 mg/l
Metals Analysis								
	1002 ARSENIC	GRAB	N	200.8	03/02 16:48	0.0106 mg/l	1	0.0040 mg/l
	01007 BARIUM	GRAB	N	3010/6010B	02/27 12:04	0.0308 mg/l	1	0.010 mg/l
	01027 CADMIUM	GRAB	N	3010/6010B	02/27 12:04	<0.0020 mg/l	1	0.0020 mg/l
	01034 CHROMIUM	GRAB	N	3010/6010B	02/27 12:04	<0.0050 mg/l	1	0.0050 mg/l
	01042 COPPER	GRAB	N	3010/6010B	02/27 12:04	<0.0050 mg/l	1	0.0050 mg/l
	01045 IRON	GRAB	N	3010/6010B	02/27 12:04	2.23 mg/l	1	0.10 mg/l
	01051 LEAD	GRAB	N	200.8	03/02 16:48	<0.0020 mg/l	1	0.0020 mg/l
	01147 SELENIUM	GRAB	N	3010/6010B	02/27 12:04	<0.010 mg/l	1	0.010 mg/l
	00929 SODIUM	GRAB	N	3010/6010B	02/27 12:04	20.5 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

1311/7470

03/03 17:06

<0.00020 mg/l

1

0.00020 mg/l

**** NOTES CONCERNING THE ABOVE SAMPLE ****

AMMONIA - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.

Order #: L260663-2
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 14.45
 Total Depth (ft): 69.4
 Top of Casing ('): NA
 Evacuation (gallons): 28

Sheen:
 Color: LtYellow
 Odor: 2.00
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-4I
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 11:00 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 11:00	26.1 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 11:00	473 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	02/23 11:00	7.14 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	02/23 11:00	1.5 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	166 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	36.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	31.8 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	60.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/24 23:25	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	2.00 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/24 23:25	31.6 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	225 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	0.556 V mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 16:52	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:16	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:16	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:16	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:16	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:16	0.471 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 16:52	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:16	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 12:16	20.3 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

1311/7470

03/03 17:15

<0.00020 mg/l

1

0.00020 mg/l

Order #: L260663-3
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (): NA
 Depth to Water (): NA
 Total Depth (): NA
 Top of Casing (): NA
 Evacuation (): NA

Sheen:
 Color:
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTSFD-022309
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 02/23/09 00:00 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	131 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	33.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	35.4 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	120 pcu	2	10. pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/24 23:40	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/24 23:40	62.1 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	227 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	0.585 V mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 16:56	0.0137 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:22	0.0331 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:22	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:22	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:22	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:22	2.21 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 16:56	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:22	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 12:22	20.1 mg/l	1	0.50 mg/l
71900	MERCURY	GRAB	N	1311/7470	03/03 17:17	<0.00020 mg/l	1	0.00020 mg/l

Order #: L260663-4
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 16.12
 Total Depth (ft): 36.3
 Top of Casing ('): NA
 Evacuation (gallons) 12

Sheen:
 Color: LtYellow
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-3S
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 02/23/09 11:51 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 11:31	25.4 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 11:31	277 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	02/23 11:31	6.94 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	02/23 11:31	9.4 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	64.0 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	<10. mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	21.0 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	10.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/24 23:56	2.35 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/24 23:56	29.0 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	116 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 17:00	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:28	0.0190 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:28	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:28	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:28	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:28	0.113 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 17:00	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:28	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 12:28	11.3 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

1311/7470

03/03 17:19

<0.00020 mg/l

1

0.00020 mg/l

Order #: L260663-5
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 16.14
 Total Depth (ft): 72.5
 Top of Casing ('): NA
 Evacuation (gallons) 30

Sheen:
 Color: LtYellow
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-3I
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 11:40 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 11:40	24.9 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 11:40	482 umhos/cm	1	0.10 umhos/cm
299	DISSOLVED OXYGEN	GRAB	N	360.1	02/23 11:40	1.2 mg/l	1	0.10 mg/l
00406	PH FIELD	GRAB	N	150.1	02/23 11:40	7.18 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	02/23 11:40	1.3 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	132 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	0.378 V mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	14.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	22.9 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	50.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/25 00:11	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/25 00:11	67.1 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	293 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	0.969 V mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 17:13	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:45	0.0132 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:45	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:45	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:45	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:45	0.870 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 17:13	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:45	<0.010 mg/l	1	0.010 mg/l

00929 SODIUM	GRAB	N	3010/6010B	02/27 12:45	12.2 V mg/l	1	0.50 mg/l
71900 MERCURY	GRAB	N	1311/7470	03/03 17:21	<0.00020 mg/l	1	0.00020 mg/l

Order #: L260663-6
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 14.83
 Total Depth (ft): 37.3
 Top of Casing ('): NA
 Evacuation (gallons) 12

Sheen:
 Color: LtYellow
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-2S
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 12:05 PM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 12:05	25.2 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 12:05	523 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	02/23 12:05	7.08 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	02/23 12:05	11 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	172 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	13.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	36.8 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	80.0 pcu	2	10. pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/25 00:27	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/25 00:27	32.8 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	247 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 17:17	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:51	0.0167 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:51	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:51	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:51	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:51	2.28 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 17:17	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:51	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 12:51	18.3 V mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

1311/7470

03/03 17:27

<0.00020 mg/l

1

0.00020 mg/l

Order #: L260663-7
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 14.83
 Total Depth (ft): 72.7
 Top of Casing ('): NA
 Evacuation (gallons) 31

Sheen:
 Color: LtYellow
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-2I
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 12:15 PM
 Report Period: 2009/Q1
 Well Purge Vol (gal) Y
 Well Type: C

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Field Parameters								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	02/23 12:15	24.9 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	02/23 12:15	408 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	02/23 12:15	7.37 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	02/23 12:15	0.70 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	02/25 15:15	140 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	02/25 12:15	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	410.4	02/24 19:00	15.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	02/25 12:51	24.5 V mg/l	1	1.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	02/24 11:30	50.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	02/24 14:00	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	02/25 08:40	<0.20 mg/l*	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	02/25 00:42	<0.50 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	02/24 10:20	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	02/26 16:00	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	02/25 00:42	26.6 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	03/02 18:10	211 mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	03/16 10:59	0.447 V mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 17:21	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 12:57	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 12:57	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 12:57	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 12:57	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 12:57	0.947 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 17:21	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 12:57	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 12:57	11.3 V mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

1311/7470

03/03 17:29

<0.00020 mg/l

1

0.00020 mg/l

**** NOTES CONCERNING THE ABOVE SAMPLE ****

DETERGENTS MBAS - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.

Order #: L260663-8
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (): NA
 Depth to Water (): NA
 Total Depth (): NA
 Top of Casing (): NA
 Evacuation (): NA

Sheen:
 Color:
 Odor:
 Matrix: DI Water

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: METALS BLANK
 Classification of Groundwater: G-N
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/23/09 00:00 AM
 Report Period: 2009/Q1
 Well Purge Vol (gal) N
 Well Type: N

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	03/02 17:25	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	02/27 11:41	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	02/27 11:41	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	02/27 11:41	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	02/27 11:41	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	02/27 11:41	<0.10 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	03/02 17:25	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	02/27 11:41	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	02/27 11:41	<0.50 mg/l	1	0.50 mg/l
71900	MERCURY	GRAB	N	1311/7470	03/03 17:31	<0.00020 mg/l	1	0.00020 mg/l

Letter to Mike Kimmel
Page 4 of 34
December 30, 2008

CENTRAL COUNTY TRANSFER STATION MONITORING WELLS

8 Monitor Wells:

(CTMW-1S, CTMW-1I) (CTMW-2S, CTW-2I) (CTMW-3S, CTMW-3I) (CTMW-4S, CTMW-4I)

1 Field Duplicate (CTSFD-)

1 Field Blank (CTSFB-)* Optional

Parameters (Matrix Groundwater)

A. METALS

Arsenic	Chromium	Lead	Sodium
Barium	Copper	Mercury	Selenium
Cadmium	Iron		

B. INDICATOR PARAMETERS

Ammonia Nitrogen	Foaming Agents (MBAS)	Nitrate N
Total Alkalinity	Hydrogen Sulfide	Odor
C.O.D.	TKN (Total Kjeldahl Nitrogen)	Sulfate
Color	TDS (Total Dissolved Solids)	
Chloride	TRPH (Total Recoverable Petroleum Hydrocarbons)	

C. FIELD PARAMETERS

Conductivity (field)
pH (field)
Temperature (field)
Turbidity (field)

WELL INFORMATION (field)

Well Diameter
Well Depth
Well Casing Elevation
Depth to Water
Water Table Elevation
Volume Evacuated

2 of 2 coc # 191911

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2-23-09
WELL NO: CTMW-4S	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE LOCATION: 1810 Lantana Road, Lantana, FL

PVC PURGING DATA

Top of Casing Elevation(ft):	Static Depth To Water (ft): 14.28	Water Table Elevation NGVD (ft): -	Column Height (ft): 18.17	Total Well Depth (ft): 32.45'					
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3							
WELL CAPACITY (gal/ft): 0.16	= (32.45' - 14.28 = 18.17) X 0.16 = 2.91			GALLONS					
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 10:31	PURGE ENDED AT: 10:50	TOTAL VOL. PURGED (gal): 12					
WELL VOLS. Purged	Volume Purged (gal)	CUMUL VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	3	3	.65	14.40	6.67	25.7	513	1.04	8.55
1	3	6	.65	14.40	6.83	26.1	509	.64	11.3
1	3	9	.65	14.40	6.82	26.0	504	.75	7.93
1	3	12	.65	14.40	6.82	25.9	508	.72	5.59
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.82	25.9	508	—	5.59
Color:	Odor:	Sheen:	Comments						
<i>Yellow</i>	<i>none</i>	<i>none</i>							
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump	SAMPLING INITIATED AT: 10:51	SAMPLING ENDED AT: 10:58	Weather: Partly sunny, cool, breezy			
FIELD DECONTAMINATION: No	FIELD FILTERED: No	DUPLICATE: (Y) N				
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)		FINAL pH
1	HDPE	1-LITER	HNO3			Metals
2	HDPE		H2SO4			Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): B Downey M Tysm			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2-23-09
WELL NO: CTMW-4I	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE LOCATION: 1810 Lantana Road, Lantana, FI

PVC PURGING DATA

Top of Casing Elevation (ft):	Static Depth To Water (ft): 14.45	Water Table Elevation NGVD (ft): -	Column Height (ft): 54.97	Total Well Depth (ft): 69.42'					
WELLDIAMETER (in): 2" PVC									
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 9									
WELL CAPACITY (gal/ft): 0.16 = (69.42' - 14.45 = 54.97) X 0.16 = 8.80 GALLONS									
PURGE METHOD: Redi-flo			PURGE INITIATED AT: 10:31	PURGE ENDED AT: 10:59					
			TOTAL VOL. PURGED (gal): 28						
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	9	9	1.0	14.80	7.04	26.3	464	2.13	45.5
1	9	18	1.0	14.80	7.11	26.2	474	1.41	4.14
1	9	27	1.0	14.80	7.14	26.1	473	1.00	1.47
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
FINAL FIELD VALUES →					7.14	26.1	473	-	1.47
Color:	Odor:	Sheen:	Comments:						
Yellow	None	None							
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump		SAMPLING INITIATED AT: 11:00		SAMPLING ENDED AT: 11:06		Weather: Sunny, cool breeze	
FIELD DECONTAMINATION: No				FIELD-FILTERED: No		DUPLICATE: Y (N)	
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH		
1	HDPE	1-LITER	HNO3				
2	HDPE		H2SO4		12.0	Ammonia	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)							
SAMPLED BY (PRINT): B. Downey M Tyson					SAMPLER(S) SIGNATURE(S): Brenda Downey MS		

SOLID WASTE AUTHORITY

DIVISION OF ENVIRONMENTAL PROGRAMS

FIELD DUPLICATE DATA SHEET

Sample Type: GRAB COMPOSITE
 Site Identification: Central County Transfer Station

Date: 2-23-09

Sample I.D. CTSFD-022309

Time: —

Field duplicates are collected in the field randomly during the sampling process by pouring in rapid succession bailers of water into the appropriate sampling bottle and the identical field duplicate bottle. This process is repeated until both sets of sampling bottles are filled.

Notes and Comments

—
 PH < 2.0
 in preservative

Field Parameters		Units	Sample Appearance
Temperature		C	
Cond: X	_____	uMHOS/cm	
	ATC		
PH		Std Units	
DO		Mg/L	
Other			

Sample Container Inventory				
Quantity	Size	Type	Preservative	Analysis

Sampled By: Brenda Jensen
ms

Method of Shipment: Express

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2-23-09
WELL NO: CTMW-3S	Well Type: Compliance	Well Location: South of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FI

PVC PURGING DATA

Top of Casing Elevation(ft):	Static Depth To Water (ft): 16.12	Water Table Elevation NGVD (ft):	Column Height (ft): 20.18	Total Well Depth (ft): 36.30'					
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 4								
WELL CAPACITY (gal/ft): 0.16	= (36.30 - 16.12 20.18) X 0.16 = 3.23 GALLONS								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:14	PURGE ENDED AT: 11:30	TOTAL VOL. PURGED (gal): 12					
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	4	4	.80	16.30	6.78	25.5	279	2.22	15.8
1	4	8	.80	16.30	6.94	25.6	278	.97	40.9
1	4	12	.80	16.30	6.94	25.4	277	1.23	9.38
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.94	25.4	277	—	9.31
Color: light yellow	Odor: none	Sheen: none	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump	SAMPLING INITIATED AT: 11:31	SAMPLING ENDED AT: 11:36	Weather: cloudy, cool, breezy		
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	
1	HDPE	1-LITER	HNO3		Metals
2	HDPE		H2SO4	20	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)					
SAMPLED BY (PRINT): B Downey M Tysm				SAMPLER(S) SIGNATURE(S): Derek Downey	

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2-23-09
WELL NO: CTMW-3I	Well Type: Compliance	Well Location: South of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FI

PVC PURGING DATA

Top of Casing Elevation (ft):	Static Depth To Water (ft): 16.14	Water Table Elevation NGVD (ft):	Column Height (ft): 56.32	Total Well Depth (ft): 72.46'						
WELL DIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 9 1/2									
WELL CAPACITY (gal/ft): 0.16	= (72.46' - 16.14 = 56.32) X 0.16 = 9.01			GALLONS						
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:14	PURGE ENDED AT: 11:39	TOTAL VOL PURGED (gal): 30						
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
1	9.5	9.5	1.2	16.34	7.15	25.1	474	1.66	17.8	
1	9.5	19	1.2	16.34	7.28	25.1	482	1.25	3.66	
1	9.5	28.5	1.2	16.34	7.18	24.9	482	1.20	1.27	
FINAL FIELD VALUES →					ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
						7.18	24.9	482	-	1.27
Color:	Odor:	Sheen:	Comments							
<i>Yellow</i>	<i>none</i>	<i>none</i>								
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88										

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump	SAMPLING INITIATED AT: 11:40	SAMPLING ENDED AT: 11:45	Weather: cloudy, cool, breezy		
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y <input type="radio"/> N <input checked="" type="radio"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	
1	HDPE	1-LITER	HNO3		Metals
2	HDPE		H2SO4		Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)					
SAMPLED BY (PRINT): B. Downey MTy sm			SAMPLER(S) SIGNATURE(S): <i>Brenda Downey</i>		

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2.23-09
WELL NO: CTMW-2S	Well Type: Compliance	Well Location: West of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FI

PVC PURGING DATA

Top of Casing Elevation(ft):	Static Depth To Water (ft): 14.93	Water Table Elevation NGVD (ft):	Column Height (ft): 22.48	Total Well Depth (ft): 37.31'						
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 4								
WELL CAPACITY (gal/ft): 0.16		= (37.31 - 14.93 = 22.48) X 0.16 = 3.60 GALLONS								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:50	PURGE ENDED AT: 12:09	TOTAL VOL. PURGED (gal): 12						
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
1	4	4	.65	14.95	6.95	25.1	521	1.40	54.6	
1	4	8	.65	14.95	7.07	25.3	531	1.78	24.5 2.45	
1	4	12	.65	14.95	7.08	25.2	523	84	11.1	
FINAL FIELD VALUES →					ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
						7.08	25.2	523	—	11.1
Color: Light yellow	Odor: None	Sheen: None	Comments							
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88										

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump	SAMPLING INITIATED AT: 12:05	SAMPLING ENDED AT: 12:10	Weather: cloudy, lt. rain cool			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y (N)				
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)		FINAL pH
1	HDPE	1-LITER	HNO3			Metals
2	HDPE		H2SO4		< 2.0	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): B. Downey M. Tyson			SAMPLER(S) SIGNATURE(S):			

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 2-23-09
WELL NO: CTMW-2I	Well Type: Compliance	Well Location: West of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FL

PVC **PURGING DATA**

Top of Casing Elevation (ft):		Static Depth To Water (ft): 14.93	Water Table Elevation NGVD (ft):		Column Height (ft): 57.82	Total Well Depth (ft): 72.65			
WELL DIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 9 1/2							
WELL CAPACITY (gal/ft): 0.16		= (72.65 - 14.93) = 57.82 X 0.16 = 9.25 GALLONS							
PURGE METHOD: Redi-flo				PURGE INITIATED AT: 11:50	PURGE ENDED AT: 12:14	TOTAL VOL. PURGED (gal): 31			
WELL VOLS. Purged	Volume Purged (gal)	CUMUL. VOL. Purged (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
1	9.5	9.5	1.3	15.10	7.21	24.9	404	.90	4.62
1	9.5	19	1.3	15.1	7.28	25.1	406	.90	.94
1	9.5	28.5	1.3	15.1	7.37	24.9	408	.89	.70
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.37	24.9	408	—	.70
Color: H. yellow	Odor: none	Sheen: none	Comments						
WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									

SAMPLING DATA

SAMPLING METHOD(S): Redi-flo Pump		SAMPLING INITIATED AT: 12:15	SAMPLING ENDED AT: 12:20		Weather: cloudy lt. Rain cool	
FIELD DECONTAMINATION: No			FIELD FILTERED: No		DUPLICATE: Y (N)	
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
1	HDPE	1-LITER	HNO3			
2	HDPE		H2SO4		< 2.0	Metals Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): B. D. Overby M Ty sm				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		

