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ENVIRONMENTAL PROGRAMS

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

Log #: L264655
Report Period: 2008/Q4

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

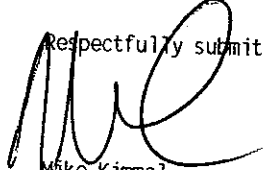
Laboratory Sample #	Client Sample #
L264655-1	CTMW-4S
L264655-12	CTMW-4I
L264655-13	CTSF-102808
L264655-14	CTSF-102808
L264655-15	CTMW-3S
L264655-16	CTMW-3I
L264655-17	CTMW-IS
L264655-18	CTMW-II
L264655-19	METALS BLANK

FLDOH/NELAC# E86240
3A CERT# 917
IL/NELAC CERT# 200020
IA 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 #: L264655-1
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 11.39
 Total Depth (ft): 32.45
 Top of Casing ('): NA
 Evacuation (gallons) 17

Sheen:
 Color: LT. YELLOW
 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: 10/28/08 10:53 AM
 Report Period: 2008/Q4
 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	10/28 10:53	25.8 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/28 10:53	572 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/28 10:53	6.54 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/28 10:53	2.52 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 12:15	154 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	HACH 8000	11/03 06:00	35.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/29 19:08	38.3 mg/l	10	5.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	10/29 14:50	60.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/29 19:08	1.22 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	11/14 15:30	<4.0 mg/l	1	4.0 mg/l
00945	SULFATE	GRAB	N	300.0	10/29 19:08	71.6 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/04 15:46	267. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	10/31 17:30	0.416 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	11/07 17:30	0.0180 mg/l	1	0.0040 mg/l
01007	BARIIUM	GRAB	N	3010/6010B	11/02 23:02	0.0319 mg/l*	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/02 23:02	<0.0020 mg/l*	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/02 23:02	<0.0050 mg/l*	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/02 23:02	0.00924 mg/l*	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/02 23:02	2.25 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/07 17:30	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/02 23:02	<0.010 mg/l*	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/02 23:02	20.0 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

245.1

11/05 12:18

<0.00020 mg/l

1

0.00020 mg/l

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

BARIUM - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.
CADMIUM - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.
CHROMIUM - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.
COPPER - 7V
SELENIUM - Flag-MS and/or MSD recoveries outside control limits. However, LCS and/or LCSD within limits. Data reported.

Order #: L264655-12
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 11.55
 Total Depth (ft): 69.42
 Top of Casing ('): NA
 Evacuation (gallons) 30

Sheen:
 Color: LT. YELLOW
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-41
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 10/28/08 11:02 AM
 Report Period: 2008/Q4
 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	10/28 11:02	25.8 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/28 11:02	483 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/28 11:02	6.70 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/28 11:02	1.04 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 12:15	182 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	HACH 8000	11/03 06:00	30.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/29 19:23	32.5 mg/l	10	5.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	10/29 14:50	50.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/29 19:23	1.04 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE	GRAB	N	300.0	10/29 19:23	32.2 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/04 15:46	313. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	10/31 17:30	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	11/07 17:34	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/02 23:19	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/02 23:19	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/02 23:19	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/02 23:19	0.00598 mg/l*	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/02 23:19	0.548 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/07 17:34	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/02 23:19	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/02 23:19	20.5 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N 245.1

11/05 12:10 <0.00020 mg/l 1

0.00020 mg/l

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

COPPER - V

Order #: L264655-13
 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:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: CTSFD-102808
 Well Name:
 Classification of Groundwater:
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 10/28/08 00:00 AM
 Report Period: 2008/Q4
 Well Purge Vol (gal)
 Well Type:

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		N	SM2320B	11/03 12:15	168 mg/l	1	5.0 mg/l
00610	AMMONIA		N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND		N	HACH 8000	11/03 06:00	34.0 mg/l	1	10. mg/l
00940	CHLORIDE		N	300.0	10/29 19:39	38.0 mg/l	10	5.0 mg/l
00084	COLOR-LAB		N	SM2120B	10/29 14:50	60.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S		N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS		N	SM5540C	10/30 07:45	0.0485 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)		N	300.0	10/29 19:39	1.22 mg/l	10	0.50 mg/l
	ODOR		N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS		N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE		N	300.0	10/29 19:39	70.6 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS		N	SM2540C	11/04 15:46	419. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN		N	351.2	10/31 17:30	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC		N	200.8	11/07 17:01	0.0198 mg/l	1	0.0040 mg/l
01007	BARIUM		N	3010/6010B	11/02 23:25	0.0341 mg/l	1	0.010 mg/l
01027	CADMIUM		N	3010/6010B	11/02 23:25	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM		N	3010/6010B	11/02 23:25	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER		N	3010/6010B	11/02 23:25	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON		N	3010/6010B	11/02 23:25	2.40 mg/l	1	0.10 mg/l
01051	LEAD		N	200.8	11/07 17:01	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM		N	3010/6010B	11/02 23:25	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM		N	3010/6010B	11/02 23:25	20.0 mg/l	1	0.50 mg/l
71900	MERCURY		N	245.1	11/05 12:20	<0.00020 mg/l	1	0.00020 mg/l

Order #: L264655-14
 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: LT. YELLOW
 Odor: ND
 Matrix:

PARAMETER MONITORING REPORT

Part III: Analytical Results
 Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTSFB-102808
 Classification of Groundwater:
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 10/28/08 11:31 AM
 Report Period: 2008/Q4
 Well Purge Vol (gal)
 Well Type:

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		N	170.1	10/28 11:31	18.0 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD		N	120.1	10/28 11:31	3.1 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD		N	150.1	10/28 11:31	7.14 units	1	0.10 units
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3		N	SM2320B	11/03 12:15	<5.0 mg/l	1	5.0 mg/l
00610	AMMONIA		N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND		N	HACH 8000	11/03 06:00	<10. mg/l	1	10. mg/l
00940	CHLORIDE		N	300.0	10/29 19:54	2.02 mg/l	1	0.50 mg/l
00084	COLOR-LAB		N	SM2120B	10/29 14:50	<5.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S		N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS		N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)		N	300.0	10/29 19:54	<0.50 mg/l	10	0.50 mg/l
	ODOR		N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS		N	1664	11/04 19:00	<4.4 mg/l	1:1	4.4 mg/l
00945	SULFATE		N	300.0	10/29 19:54	3.07 V mg/l	1	0.50 mg/l
70300	TOTAL DISSOLVED SOLIDS		N	SM2540C	11/04 15:46	11.0 V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN		N	351.2	10/31 17:30	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC		N	200.8	11/07 17:39	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM		N	3010/6010B	11/02 23:31	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM		N	3010/6010B	11/02 23:31	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM		N	3010/6010B	11/02 23:31	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER		N	3010/6010B	11/02 23:31	0.00534 mg/l*	1	0.0050 mg/l
01045	IRON		N	3010/6010B	11/02 23:31	<0.10 mg/l	1	0.10 mg/l
01051	LEAD		N	200.8	11/07 17:39	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM		N	3010/6010B	11/02 23:31	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM		N	3010/6010B	11/02 23:31	<0.50 mg/l	1	0.50 mg/l
71900	MERCURY		N	245.1	11/05 12:22	<0.00020 mg/l	1	0.00020 mg/l

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

COPPER - V

Order #: L264655-15
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 13.56
 Total Depth (ft): 36.30
 Top of Casing ('): NA
 Evacuation (gallons) 20

Sheen:
 Color: LT. YELLOW
 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: 10/28/08 11:46 AM
 Report Period: 2008/Q4
 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	10/28 11:46	25.1 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/28 11:46	266 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/28 11:46	6.72 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/28 11:46	2.27 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 12:15	71.5 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	HACH 8000	11/03 06:00	<10. mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/29 20:10	19.0 mg/l	10	5.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	10/29 14:50	5.00 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/29 20:10	3.34 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE	GRAB	N	300.0	10/29 20:10	29.3 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/04 15:46	163. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	11/04 13:50	<0.40 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	11/07 17:43	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/02 23:49	0.0152 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/02 23:49	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/02 23:49	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/02 23:49	0.00820 mg/l*	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/02 23:49	<0.10 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/07 17:43	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/02 23:49	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/02 23:49	12.1 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

245.1

11/05 12:25

<0.00020 mg/l

1

0.00020 mg/l

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

COPPER - V

Order #: L264655-16
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 13.52
 Total Depth (ft): 72.46
 Top of Casing ('): NA
 Evacuation (gallons) 41

Sheen:
 Color: LT. YELLOW
 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):

Sampling Date/Time: 10/28/08 11:52 AM
 Report Period: 2008/Q4
 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	10/28 11:52	24.1 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/28 11:52	472 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/28 11:52	6.87 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/28 11:52	0.820 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 12:15	146 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	11/05 20:00	0.244 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	HACH 8000	11/03 06:00	18.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/29 20:25	23.8 mg/l	10	5.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	10/29 14:50	40.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/29 20:25	1.04 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE	GRAB	N	300.0	10/29 20:25	75.4 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/04 15:46	343. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	11/04 13:50	0.794 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	11/07 17:47	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/02 23:54	0.0106 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/02 23:54	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/02 23:54	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/02 23:54	0.00782 mg/l*	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/02 23:54	0.888 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/07 17:47	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/02 23:54	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/02 23:54	12.8 mg/l	1	0.50 mg/l

71900 MERCURY

GRAB N

245.1

11/05 12:28

<0.00020 mg/l

1

0.00020 mg/l

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

COPPER - V

Order #: L264655-17
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 12.50
 Total Depth (ft): 36.60
 Top of Casing ('): NA
 Evacuation (gallons) 12

Sheen:
 Color: LT. YELLOW
 Odor: ND
 Matrix:

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 10/28/08 12:29 PM
 Report Period: 2008/Q4
 Well Purge Vol (gal)
 Well Type:

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		N	170.1	10/28 12:29	24.8 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD		N	120.1	10/28 12:29	506 umhos/cm	1	0.10 umhos/cm
299	DISSOLVED OXYGEN		N	360.1	10/28 12:29	0.83 mg/l	1	0.10 mg/l
00406	PH FIELD		N	150.1	10/28 12:29	6.71 units	1	0.10 units
82078	TURBIDITY, FIELD		N	180.1	10/28 12:29	0.900 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3		N	SM2320B	11/03 12:15	125 mg/l	1	5.0 mg/l
00610	AMMONIA		N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND		N	HACH 8000	11/03 06:00	11.0 mg/l	1	10. mg/l
00940	CHLORIDE		N	300.0	10/29 20:40	25.9 mg/l	10	5.0 mg/l
00084	COLOR-LAB		N	SM2120B	10/29 14:50	20.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S		N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS		N	SM5540C	10/30 07:45	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)		N	300.0	10/29 20:40	3.30 mg/l	10	0.50 mg/l
	ODOR		N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS		N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE		N	300.0	10/29 20:40	90.4 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS		N	SM2540C	11/04 15:46	341. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN		N	351.2	11/04 13:50	0.300 I mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC		N	200.8	11/07 17:51	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM		N	3010/6010B	11/03 00:00	0.0662 mg/l	1	0.010 mg/l
01027	CADMIUM		N	3010/6010B	11/03 00:00	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM		N	3010/6010B	11/03 00:00	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER		N	3010/6010B	11/03 00:00	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON		N	3010/6010B	11/03 00:00	1.17 mg/l	1	0.10 mg/l
01051	LEAD		N	200.8	11/07 17:51	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM		N	3010/6010B	11/03 00:00	<0.010 mg/l	1	0.010 mg/l

00929 SODIUM	N	3010/6010B	11/03 00:00	14.1 mg/l	1	0.50 mg/l
71900 MERCURY	N	245.1	11/05 12:30	<0.00020 mg/l	1	0.00020 mg/l

Order #: L264655-18
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2
 Depth to Water (ft): 12.55
 Total Depth (ft): 69.30
 Top of Casing ('): NA
 Evacuation (gallons) 10

Sheen:
 Color: LT. YELLOW
 Odor: ND
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-11
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL):

Sampling Date/Time: 10/28/08 12:35 PM
 Report Period: 2008/Q4
 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	10/28 12:35	24.5 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/28 12:35	361 umhos/cm	1	0.10 umhos/cm
299	DISSOLVED OXYGEN	GRAB	N	360.1	10/28 12:35	0.78 mg/l	1	0.10 mg/l
00406	PH FIELD	GRAB	N	150.1	10/28 12:35	7.15 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/28 12:35	2.21 ntu	1	0.10 ntu
Wet Chemistry								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 12:15	157 mg/l	1	5.0 mg/l
00610	AMMONIA	GRAB	N	350.1	11/05 20:00	<0.050 mg/l	1	0.050 mg/l
00340	CHEMICAL OXYGEN DEMAND	GRAB	N	HACH 8000	11/03 06:00	25.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/29 20:56	15.1 mg/l	10	5.0 mg/l
00084	COLOR-LAB	GRAB	N	SM2120B	10/29 14:50	40.0 pcu	1	5.0 pcu
00745	TOTAL SULFIDE AS S	GRAB	N	SM4500S2-E	11/04 08:17	<1.0 mg/l		1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/30 07:45	0.0518 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/29 20:56	1.05 mg/l	10	0.50 mg/l
	ODOR	GRAB	N	140.1	10/29 10:40	<1.0 TON	1	1.0 TON
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	11/04 19:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE	GRAB	N	300.0	10/29 20:56	23.4 V mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/04 15:46	235. V mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	11/04 13:50	0.591 mg/l	1	0.40 mg/l
Metals Analysis								
1002	ARSENIC	GRAB	N	200.8	11/07 17:55	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/03 00:06	0.0115 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/03 00:06	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/03 00:06	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/03 00:06	0.00624 mg/l*	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/03 00:06	0.731 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/07 17:55	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/03 00:06	<0.010 mg/l	1	0.010 mg/l

00929 SODIUM	GRAB	N	3010/6010B	11/03 00:06	11.0 mg/l	1	0.50 mg/l
71900 MERCURY	GRAB	N	245.1	11/05 12:36	<0.00020 mg/l	1	0.00020 mg/l

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

COPPER - V

Order #: L264655-19
 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:

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA

Test Site ID #:

Well Name: METALS BLANK

Classification of Groundwater:

GW Elevation (NGVD): NA

or (MSL):

Sampling Date/Time: 10/28/08 00:00 AM

Report Period: 2008/Q4

Well Purge Vol (gal)

Well Type:

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
Metals Analysis								
1002	ARSENIC		N	200.8	11/07 17:59	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM		N	3010/6010B	11/03 00:12	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM		N	3010/6010B	11/03 00:12	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM		N	3010/6010B	11/03 00:12	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER		N	3010/6010B	11/03 00:12	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON		N	3010/6010B	11/03 00:12	<0.10 mg/l	1	0.10 mg/l
01051	LEAD		N	200.8	11/07 17:59	<0.0040 mg/l	1	0.0040 mg/l
01147	SELENIUM		N	3010/6010B	11/03 00:12	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM		N	3010/6010B	11/03 00:12	<0.50 mg/l	1	0.50 mg/l
71900	MERCURY		N	245.1	11/05 12:38	<0.00020 mg/l	1	0.00020 mg/l

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 # 191413

L264055-1

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 10/28/08
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): 11.39	Water Table Elevation NGVD (ft):	Column Height (ft): 21.06	Total Well Depth (ft): 32.45'					
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 4							
WELL CAPACITY (gal/ft): 0.16		= (32.45' - 11.39 = 21.06) X 0.16 = 3.37 GALLONS							
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 10:23	PURGE ENDED AT: 10:52	TOTAL VOL PURGED (gal): 17					
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	.60	11.56	6.45	25.9	538	.87	5.22
1	4	8	.60	11.56	6.58	25.8	565	.73	6.17
1	4	12	.60	11.56	6.51	25.9	570	.81	4.53
1	4	16	.60	11.56	6.54	25.8	572	.62	2.52
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.54	25.8	5.72	—	2.52
Color:	Odor:	Sheen:	Comments						
<i>lt. 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: 10:53	SAMPLING ENDED AT: 10:59	Weather: Sunny + 60°C			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: <input checked="" type="radio"/> Y <input type="radio"/> 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		20	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): B Downer M Tyson			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

-2

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 10/28/08
WELL NO: CTMW-4I	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): 11.55	Water Table Elevation NGVD (ft):	Column Height (ft): 57.87	Total Well Depth (ft): 69.42'					
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 10								
WELL CAPACITY (gal/ft): 0.16	= (69.42' - 11.55 = 57.87) X 0.16 = 9.26 GALLONS								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 10:24	PURGE ENDED AT: 11:01	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	10	10	.82	11.90	6.64	26.0	481	1.05	12.1
1	10	20	.82	11.90	6.67	26.0	476	.74	1.95
1	10	30	.82	11.90	6.70	25.8	483	.95	1.04
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.70	25.8	483	—	1.04
Color:	Odor:	Sheen:	Comments						
<i>Hyd</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: 11:02	SAMPLING ENDED AT: 11:07	Weather: Sunny + cool		
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION			INTENDED ANALYSIS AND/OR METHOD		
NO.	MATERIAL CODE	VOLUME			
PRESERVATIVE USED		TOTAL VOLUME ADDED IN FIELD (mL)		FINAL pH	
1	HDPE	1-LITER	HNO3	2.0	Metals
2	HDPE		H2SO4		Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)					
SAMPLED BY (PRINT) B. Dawmy M. Tyson		SAMPLER(S) SIGNATURE(S) <i>B. Dawmy M. Tyson</i>			

3

SOLID WASTE AUTHORITY

DIVISION OF ENVIRONMENTAL PROGRAMS

FIELD DUPLICATE DATA SHEET

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

Date: 10-28-08

Sample I.D. CTSFD-102808

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

 1
 PH < 2.0
 in preservative

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

Sample Container Inventory				
Quantity	Size	Type	Preservative	Analysis

Sampled By: Brenda Perry
MD

Method of Shipment: Genapine

SOLID WASTE AUTHORITY DIVISION OF ENVIRONMENTAL PROGRAMS FIELD BLANK DATA SHEET

Sample Type: GRAB COMPOSITE
Site Identification:

Facility GMS#:

Date: 10/28/08

Sample I.D. CTSFB-102808

Time: 11:31

Field blanks are collected in the field during the middle to the end of a sampling event by filling the sampling bottles directly from a carboy filled with D.I. Water that would normally be used to clean the sampling equipment. This process is repeated until all sampling bottles are filled.

Notes and Comments

Sunny Cool
windy
Cond on scale X US
PH < 2.0
in preservative

Field Parameters		Units	Sample Appearance
Temperature	18.0	C	Clear no odor no sheen
Cond: X	ATC 3.1	uMHOS/cm	
PH	7.14	Std Units	
DO		Mg/L	
Other			

Bailer# NA

Sample Container Inventory				
Quantity	Size	Type	Preservative	Analysis

Sampled By: B. Dewey
MD

Method of Shipment: Express

**Solid Waste Authority of Palm Beach County
GROUNDWATER SAMPLING LOG**

-5

SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 10/28/08
WELL NO: CTMW- 3S	Well Type: Compliance	Well Location: South of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, Fl

PURGING DATA

Top of Casing Elevation(ft):	Static Depth To Water (ft): 13.70	Water Table Elevation NGVD (ft):	Column Height (ft): 22.74	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 - 13.56 = 22.78) X 0.16 = 3.64 GALLONS							
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:17	PURGE ENDED AT: 11:40	TOTAL VOL PURGED (gal): 20					
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	.90	13.70	6.43	25.1	254	.89	131
1	4	8	.90	13.70	6.51	24.4	255	.76	19.6
1	4	12	.90	13.70	6.71	25.1	269	.76	5.27
1	4	16	.90	13.70	6.74	24.9	261	.86	2.34
1	4	20	.90	13.70	6.72	25.1	266	.85	2.27
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.72	25.1	266	—	
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: 11:46	SAMPLING ENDED AT: 11:46 11:51	Weather: sunny windy, 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	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) <i>Brenda Downey, MD</i>		

**Solid Waste Authority of Palm Beach County
GROUNDWATER SAMPLING LOG**

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SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 10/28/08
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): 13.52	Water Table Elevation NGVD (ft):	Column Height (ft): 58.94	Total Well Depth (ft): 72.46'					
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 10							
WELL CAPACITY (gal/ft): 0.16		= (72.46' - 13.52' = 58.94') X 0.16 = 9.43 GALLONS							
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:19	PURGE ENDED AT: 11:51	TOTAL VOL PURGED (gal): 41					
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	10	10	1.3	13.72	6.31	24.3	476	.66	15.6
1	10	20	1.3	13.72	6.74	24.2	477	.69	3.90
1	10	30	1.3	13.72	6.71	24.1	478	.69	1.71
1	10	40	1.3	13.72	6.87	24.1	472	.94	.83
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.87	24.1	472	—	.82
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: 11:52	SAMPLING ENDED AT: 11:57	Weather: Sunny, COOL, windy			
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	200		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): <i>B. Downey, M Tyson</i>			

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

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SITE NAME: Central County Transfer Station		Facility GMS#:	DATE: 10/28/08
WELL NO.: CTMW-1S	Well Type: Compliance	Well Location: North of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FI

PVC PURGING DATA

Top of Casing Elevation (ft):	Static Depth To Water (ft): 12.50	Water Table Elevation NGVD (ft):	Column Height (ft): 24.1	Total Well Depth (ft): 36.60'					
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 4							
WELL CAPACITY (gal/ft): 0.16		= (36.60 - 12.50 = 24.1) X 0.16 = 3.86 GALLONS							
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 12:11	PURGE ENDED AT: 12:28	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	.75	12.60	6.61	24.8	493	.74	9.99
1	4	8	.75	12.6	6.61	25.0	499	.65	2.56
1	4	12	.75	12.6	6.71	24.8	506	.83	.90
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.71	24.8	506	.83	.90
Color:	Odor:	Sheen:	Comments						
<i>Light 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: 12:29	SAMPLING ENDED AT: 12:35	Weather: Sunny, cool windy	
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	Ammonia
				20
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): <i>[Signature]</i>	

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

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SITE NAME: Central County Transfer Station		Facility GMS#: NA	DATE: 10/28/08
WELL NO: CTMW-11	Well Type: Compliance	Well Location: North of retention Pond	SITE LOCATION: 1810 Lantana Road, Lantana, FL

PURGING DATA

Top of Casing Elevation (ft):	Static Depth To Water (ft): 12.55	Water Table Elevation NGVD (ft):	Column Height (ft): 56.75	Total Well Depth (ft): 69.30'					
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =			10					
WELL CAPACITY (gal/ft): 0.16	= (69.30 - 12.55 = 56.75 X 0.16 = 9.08			GALLONS					
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 12:09	PURGE ENDED AT: 12:34	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	10	10	1.3	12.95	6.95	24.7	356	3.56 ⁵⁴ ₆₀	12.9
1	10	20	1.2	12.95	6.95	24.5	364	3.64 ⁶⁴ ₆₀	6.71
1	10	30	1.2	12.95	7.15	24.5	361	1.78	2.21
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					7.15	24.5	361	—	2.21
Color:	Odor:	Sheen:	Comments						
<i>H. 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: 12:35	SAMPLING ENDED AT: 12:40	Weather: Sunny windy 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) <i>B. Dawson M. P. Brown</i>				SAMPLER(S) SIGNATURE(S) <i>Brenda Dawson</i>	

