

RECEIVED

MAR 29 2009

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

Log #: L265912
Report Period: 2009/Q1

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

| Laboratory Sample # | Client Sample # |
|---------------------|-----------------|
| L265912-1 | CTMW-1S |
| L265912-3 | CTMW-1I |
| L265912-4 | CSFB-022509 |
| L265912-5 | 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 #: L265912-1
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 15.22
 Total Depth (ft): 36.6
 Top of Casing ('): NA
 Evacuation (gallons) 16

Sheen:
 Color: LtYellow
 Odor: None
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CTMW-1S
 Classification of Groundwater: G-II
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/25/09 11:07 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 | 02/25 11:07 | 25.8 Deg. C | 1 | 0.10 Deg. C |
| 00094 | CONDUCTIVITY FIELD | GRAB | N | 120.1 | 02/25 11:07 | 459 umhos/cm | 1 | 0.10 umhos/cm |
| 00406 | PH FIELD | GRAB | N | 150.1 | 02/25 11:07 | 7.57 units | 1 | 0.10 units |
| 82078 | TURBIDITY, FIELD | GRAB | N | 180.1 | 02/25 11:07 | 17 ntu | 1 | 0.10 ntu |
| Wet Chemistry | | | | | | | | |
| 00410 | TOTAL ALKALINITY AS CaCO3 | GRAB | N | SM2320B | 03/04 13:30 | 111 mg/l | 1 | 5.0 mg/l |
| 00610 | AMMONIA | GRAB | N | 350.1 | 03/10 11:26 | 1.71 mg/l* | 20 | 1.0 mg/l |
| 00340 | CHEMICAL OXYGEN DEMAND | GRAB | N | 410.4 | 03/04 13:50 | 20.0 mg/l | 1 | 10. mg/l |
| 00940 | CHLORIDE | GRAB | N | SM4500CL-E | 03/02 11:47 | 28.9 V 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 | 02/26 20:23 | <0.50 mg/l | 10 | 0.50 mg/l |
| NA149 | TOTAL PETROLEUM HYDROCARBONS | GRAB | N | 1664 | 03/04 18:00 | <4.0 mg/l | 1 | 4.0 mg/l |
| 00945 | SULFATE | GRAB | N | 300.0 | 02/26 20:23 | 65.8 V mg/l | 10 | 5.0 mg/l |
| 70300 | TOTAL DISSOLVED SOLIDS | GRAB | N | SM2540C | 03/02 18:10 | 260 mg/l | 1 | 10. mg/l |
| 00625 | KJELDAHL NITROGEN | GRAB | N | 351.2 | 03/11 11:26 | 0.461 mg/l* | 1 | 0.40 mg/l |
| Metals Analysis | | | | | | | | |
| 1002 | ARSENIC | GRAB | N | 200.8 | 03/02 17:30 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01007 | BARIUM | GRAB | N | 3010/6010B | 03/05 21:51 | 0.0604 mg/l | 1 | 0.010 mg/l |
| 01027 | CADMIUM | GRAB | N | 3010/6010B | 03/05 21:51 | <0.0020 mg/l | 1 | 0.0020 mg/l |
| 01034 | CHROMIUM | GRAB | N | 3010/6010B | 03/05 21:51 | 0.00858 mg/l | 1 | 0.0050 mg/l |
| 01042 | COPPER | GRAB | N | 3010/6010B | 03/05 21:51 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01045 | IRON | GRAB | N | 3010/6010B | 03/05 21:51 | 0.584 mg/l | 1 | 0.10 mg/l |
| 01051 | LEAD | GRAB | N | 200.8 | 03/02 17:30 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01147 | SELENIUM | GRAB | N | 3010/6010B | 03/05 21:51 | <0.010 mg/l | 1 | 0.010 mg/l |
| 00929 | SODIUM | GRAB | N | 3010/6010B | 03/05 21:51 | 28.5 mg/l | 1 | 0.50 mg/l |
| 71900 | MERCURY | GRAB | N | 1311/7470 | 03/03 17:33 | <0.00020 mg/l | 1 | 0.00020 mg/l |

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

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

Order #: L265912-3
 Client: PBSWA-PALM BEACH SOLID WASTE AUT

Genapure
 Report of Analysis for DEP
 CENTRAL COUNTY TRANS

Diameter (inches): 2.0
 Depth to Water (ft): 15.30
 Total Depth (ft): 69.3
 Top of Casing ('): NA
 Evacuation (gallons) 27

Sheen:
 Color: LtYellow
 Odor: None
 Matrix: Groundwater

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 02/25/09 10:39 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 | 02/25 10:39 | 24.7 Deg. C | 1 | 0.10 Deg. C |
| 00094 | CONDUCTIVITY FIELD | GRAB | N | 120.1 | 02/25 10:39 | 536 umhos/cm | 1 | 0.10 umhos/cm |
| 00406 | PH FIELD | GRAB | N | 150.1 | 02/25 10:39 | 7.30 units | 1 | 0.10 units |
| 82078 | TURBIDITY, FIELD | GRAB | N | 180.1 | 02/25 10:39 | 2.11 ntu | 1 | 0.10 ntu |
| Wet Chemistry | | | | | | | | |
| 00410 | TOTAL ALKALINITY AS CaCO3 | GRAB | N | SM2320B | 03/04 13:30 | 180 mg/l | 1 | 5.0 mg/l |
| 00610 | AMMONIA | GRAB | N | 350.1 | 03/10 11:26 | <1.0 mg/l | 20 | 1.0 mg/l |
| 00340 | CHEMICAL OXYGEN DEMAND | GRAB | N | 410.4 | 03/04 13:50 | <10. mg/l | 1 | 10. mg/l |
| 00940 | CHLORIDE | GRAB | N | SM4500CL-E | 03/02 11:47 | 27.3 V 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 | 02/26 20:39 | <0.50 mg/l | 10 | 0.50 mg/l |
| NA149 | TOTAL PETROLEUM HYDROCARBONS | GRAB | N | 1664 | 03/04 18:00 | <4.0 mg/l | 1 | 4.0 mg/l |
| 00945 | SULFATE | GRAB | N | 300.0 | 02/26 20:39 | 44.7 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 | 03/11 11:26 | <0.40 mg/l | 1 | 0.40 mg/l |
| Metals Analysis | | | | | | | | |
| 1002 | ARSENIC | GRAB | N | 200.8 | 03/02 17:34 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01007 | BARIUM | GRAB | N | 3010/6010B | 03/05 22:15 | 0.0187 mg/l | 1 | 0.010 mg/l |
| 01027 | CADMIUM | GRAB | N | 3010/6010B | 03/05 22:15 | <0.0020 mg/l | 1 | 0.0020 mg/l |
| 01034 | CHROMIUM | GRAB | N | 3010/6010B | 03/05 22:15 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01042 | COPPER | GRAB | N | 3010/6010B | 03/05 22:15 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01045 | IRON | GRAB | N | 3010/6010B | 03/05 22:15 | 1.1 mg/l | 1 | 0.10 mg/l |
| 01051 | LEAD | GRAB | N | 200.8 | 03/02 17:34 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01147 | SELENIUM | GRAB | N | 3010/6010B | 03/05 22:15 | <0.010 mg/l | 1 | 0.010 mg/l |
| 00929 | SODIUM | GRAB | N | 3010/6010B | 03/05 22:15 | 20.8 mg/l | 1 | 0.50 mg/l |
| 71900 | MERCURY | GRAB | N | 1311/7470 | 03/03 17:35 | <0.00020 mg/l | 1 | 0.00020 mg/l |

Order #: L265912-4
 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: Clear
 Odor: None
 Matrix: DI Water

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA
 Test Site ID #: NA
 Well Name: CSFB-022509
 Classification of Groundwater: G-N
 GW Elevation (NGVD): NA
 or (MSL): NA

Sampling Date/Time: 02/25/09 10:33 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 |
|-------------------------|------------------------------|-----------|-------------|-----------------|--------------------|-----------------------|----------|-----------------------|
| Field Parameters | | | | | | | | |
| 00010 | TEMPERATURE CENTIGRADE | GRAB | N | 170.1 | 02/25 10:33 | 23 Deg. C | 1 | 0.10 Deg. C |
| 00094 | CONDUCTIVITY FIELD | GRAB | N | 120.1 | 02/25 10:33 | 1.2 umhos/cm | 1 | 0.10 umhos/cm |
| 299 | DISSOLVED OXYGEN | GRAB | N | 360.1 | 02/25 10:33 | N/A mg/l | 1 | 0.10 mg/l |
| 00406 | PH FIELD | GRAB | N | 150.1 | 02/25 10:33 | 7.74 units | 1 | 0.10 units |
| 82078 | TURBIDITY, FIELD | GRAB | N | 180.1 | 02/25 10:33 | 0.14 ntu | 1 | 0.10 ntu |
| Wet Chemistry | | | | | | | | |
| 00410 | TOTAL ALKALINITY AS CaCO3 | GRAB | N | SM2320B | 03/04 13:30 | <5.0 mg/l | 1 | 5.0 mg/l |
| 00610 | AMMONIA | GRAB | N | 350.1 | 03/10 11:26 | 1.63 mg/l | 20 | 1.0 mg/l |
| 00340 | CHEMICAL OXYGEN DEMAND | GRAB | N | 410.4 | 03/04 13:50 | 20.0 mg/l | 1 | 10. mg/l |
| 00940 | CHLORIDE | GRAB | N | SM4500CL-E | 03/02 11:47 | 0.346 IV 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 | 02/26 20:54 | <0.50 mg/l | 10 | 0.50 mg/l |
| NA149 | TOTAL PETROLEUM HYDROCARBONS | GRAB | N | 1664 | 03/04 18:00 | 3.29 I mg/l | 1 | 4.0 mg/l |
| 00945 | SULFATE | GRAB | N | 300.0 | 02/26 20:54 | 1.44 IV mg/l | 10 | 5.0 mg/l |
| 70300 | TOTAL DISSOLVED SOLIDS | GRAB | N | SM2540C | 03/02 18:10 | <10. mg/l | 1 | 10. mg/l |
| 00625 | KJELDAHL NITROGEN | GRAB | N | 351.2 | 03/11 11:26 | 0.640 mg/l | 1 | 0.40 mg/l |
| Metals Analysis | | | | | | | | |
| 1002 | ARSENIC | GRAB | N | 200.8 | 03/02 17:38 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01007 | BARIUM | GRAB | N | 3010/6010B | 03/05 21:10 | <0.010 mg/l | 1 | 0.010 mg/l |
| 01027 | CADMIUM | GRAB | N | 3010/6010B | 03/05 21:10 | <0.0020 mg/l | 1 | 0.0020 mg/l |
| 01034 | CHROMIUM | GRAB | N | 3010/6010B | 03/05 21:10 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01042 | COPPER | GRAB | N | 3010/6010B | 03/05 21:10 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01045 | IRON | GRAB | N | 3010/6010B | 03/05 21:10 | <0.10 mg/l | 1 | 0.10 mg/l |
| 01051 | LEAD | GRAB | N | 200.8 | 03/02 17:38 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01147 | SELENIUM | GRAB | N | 3010/6010B | 03/05 21:10 | <0.010 mg/l | 1 | 0.010 mg/l |
| 00929 | SODIUM | GRAB | N | 3010/6010B | 03/05 21:10 | <0.50 mg/l | 1 | 0.50 mg/l |
| 71900 | MERCURY | GRAB | N | 1311/7470 | 03/03 17:38 | <0.00020 mg/l | 1 | 0.00020 mg/l |

Order #: L265912-5
 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):

Sampling Date/Time: 02/25/09 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 17:42 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01007 | BARIUM | GRAB | N | 3010/6010B | 03/05 21:16 | <0.010 mg/l | 1 | 0.010 mg/l |
| 01027 | CADMIUM | GRAB | N | 3010/6010B | 03/05 21:16 | <0.0020 mg/l | 1 | 0.0020 mg/l |
| 01034 | CHROMIUM | GRAB | N | 3010/6010B | 03/05 21:16 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01042 | COPPER | GRAB | N | 3010/6010B | 03/05 21:16 | <0.0050 mg/l | 1 | 0.0050 mg/l |
| 01045 | IRON | GRAB | N | 3010/6010B | 03/05 21:16 | <0.10 mg/l | 1 | 0.10 mg/l |
| 01051 | LEAD | GRAB | N | 200.8 | 03/02 17:42 | <0.0040 mg/l | 1 | 0.0040 mg/l |
| 01147 | SELENIUM | GRAB | N | 3010/6010B | 03/05 21:16 | <0.010 mg/l | 1 | 0.010 mg/l |
| 00929 | SODIUM | GRAB | N | 3010/6010B | 03/05 21:16 | <0.50 mg/l | 1 | 0.50 mg/l |
| 71900 | MERCURY | GRAB | N | 1311/7470 | 03/03 17:41 | <0.00020 mg/l | 1 | 0.00020 mg/l |

Letter to Mike Kimmel
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December 30, 2008

CENTRAL COUNTY TRANSFER STATION SURFACE WATER

1 Surface water: CTSW-1

1 Equipment Blank (CTSSEB-)

Parameters (Matrix Surface Water)

A. METALS

| | | | |
|---------|----------|---------|----------|
| Arsenic | Chromium | Lead | Sodium |
| Barium | Copper | Mercury | Selenium |
| Cadmium | Iron | | |

B. INDICATOR PARAMETERS

| | | |
|-----------------------|---|--------------|
| Ammonia Nitrogen | Nitrate N | Oil & Grease |
| Total Alkalinity | TKN (Total Kjeldahl Nitrogen) | Sulfate |
| C.O.D. | TDS (Total Dissolved Solids) | |
| Chloride | TRPH (Total Recoverable Petroleum Hydrocarbons) | |
| Foaming Agents (MBAS) | | |

C. FIELD PARAMETERS

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

2 of 2 coctH
190912

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

| | | | |
|--|---------------------------------|---|---|
| SITE NAME: Central County Transfer Station | | Facility GMS#: | DATE: 2-25-09 |
| WELL NO: CTMW-1S | Well Type: Compliance | Well Location: North of retention Pond | SITE LOCATION: 1810 Lantana Road, Lantana, FL |

PVC PURGING DATA

| Top of Casing Elevation (ft): | Static Depth To Water (ft): 15.22 | Water Table Elevation NGVD (ft): | Column Height (ft): 21.38 | 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 - 15.22 - 21.38) X 0.16 = 3.42 GALLONS | | | | | | | |
| PURGE METHOD: Redi-flo | | PURGE INITIATED AT: 10:45 | PURGE ENDED AT: 11:06 | TOTAL VOL. PURGED (gal): 16 | | | | | |
| 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 | 15.30 | 7.58 | 24.8 | 431 | 1.07 | 13.9 |
| 1 | 4 | 8 | .80 | 15.30 | 7.58 | 25.6 | 453 | .93 | 10.5 |
| 1 | 4 | 12 | .80 | 15.30 | 7.55 | 25.7 | 457 | .80 | 11.0 |
| 1 | 4 | 16 | .80 | 15.30 | 7.57 | 25.8 | 459 | .72 | 16.5 |
| FINAL FIELD VALUES → | | | | ORP | pH | TEMP. (°C) | COND. (µmhos) | DISSOLVED OXYGEN (mg/L) | TURBIDITY (NTUs) |
| | | | | | 7.57 | 25.8 | 459 | - | 16.5 |
| 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: 11:07 | SAMPLING ENDED AT: | Weather: ptly sunny, warm 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 | | <i>2.0</i> | 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>[Signature]</i> | | | |

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

| | | | |
|--|---------------------------------|--|---|
| SITE NAME: Central County Transfer Station | | Facility GMS#: NA | DATE: 2-25-09 |
| WELL NO: CTMW-11 | Well Type: Compliance | Well Location: North of retention Pond | SITE LOCATION: 1810 Lantana Road, Lantana, FL |

PVC PURGING DATA

| Top of Casing Elevation(ft): | Static Depth To Water (ft): 15.30 | Water Table Elevation NGVD (ft): | Column Height (ft): 54 | Total Well Depth (ft): 69.30' | | | | | | |
|--|--|----------------------------------|-------------------------------|--------------------------------------|------|-------------|---------------|-------------------------|-------------------------|------------------|
| WELLDIAMETER (in): 2" PVC | 1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 9 | | | | | | | | | |
| WELL CAPACITY (gal/ft): 0.16 | = (69.30 - 15.30 = 54) X 0.16 = 8.64 GALLONS | | | | | | | | | |
| PURGE METHOD: Redi-flo | | PURGE INITIATED AT: 10:18 | PURGE ENDED AT: 10:38 | TOTAL VOL. PURGED (gal): 27 | | | | | | |
| 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 | 1.35 | 15.73 | 7.11 | 24.6 | 530 | 2.56 | 9.89 | |
| 1 | 9 | 18 | 1.35 | 15.73 | 7.11 | 24.6 | 532 | .91 | 4.57 | |
| 1 | 9 | 27 | 1.35 | 15.73 | 7.30 | 24.7 | 536 | .80 | 2.11 | |
| FINAL FIELD VALUES → | | | | | ORP | pH | TEMP. (°C) | COND. (µmhos) | DISSOLVED OXYGEN (mg/L) | TURBIDITY (NTUs) |
| | | | | | | 7.30 | 24.7 | 536 | - | 2.11 |
| 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: 10:39 | SAMPLING ENDED AT: 10:45 | Weather: Partly sunny + warm 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 | | | 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 Tyom | | | | SAMPLER(S) SIGNATURE(S) Brenda Downey, M.D. | | |

SOLID WASTE AUTHORITY

DIVISION OF ENVIRONMENTAL PROGRAMS

FIELD BLANK DATA SHEET

Sample Type: GRAB COMPOSITE Facility GMS#: T33 5050C50090
 Site Identification: Cross State Landfill Date: 2-25-09
 Sample I.D. CSFB-022509 Time: 10:33

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
My sunny warm
 Cond on scale X US
 pH 7.0
 in preservative

| Field Parameters | | Units | Sample Appearance |
|------------------|-------------|-----------|---------------------------------------|
| Temperature | <u>23.1</u> | °C | <i>Clear No odor No Sheen</i> |
| Cond: X | <u>1.2</u> | uMHOS/cm | |
| | ATC | | |
| pH | <u>7.74</u> | Std Units | |
| DO | | Mg/L | |
| Turbidity | <u>1.4</u> | NTU | |

| Sample Container Inventory | | | | |
|----------------------------|------|------|--------------|----------|
| Quantity | Size | Type | Preservative | Analysis |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Sampled By: Brenda Davery
MD Method of Shipment: Express

