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NOV 21 2008  
ENVIRONMENTAL PROGRAMS

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

Log #: L264638  
Report Period: 2008/Q4

Client Project ID: CENTRAL COUNTY TRANSFER STATION-SURFACE H2O  
Collected by: Customer Sampled

Laboratory Sample #	Client Sample #
L264638-2	CTSSEB-102408
L264638-3	CTSW-1
L264638-4	METALS BLANK

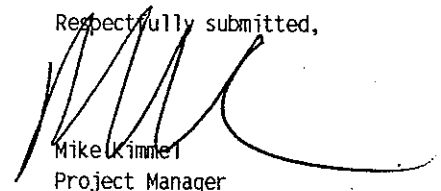
FLDOH/NELAC# E86240  
GA CERT# 917  
IL/NELAC CERT# 200020  
VA CERT# 00395

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 #: L264638-2  
 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: CLEAR  
 Color: None  
 Odor: DI Water  
 Matrix: DI Water

PARAMETER MONITORING REPORT

Part III: Analytical Results

Facility GMS #: NA  
 Test Site ID #: NA  
 Well Name: CTSSEB-102408  
 Classification of Groundwater: G-N  
 GW Elevation (NGVD): NA  
 or (MSL):

Sampling Date/Time: 10/24/08 10:33 AM  
 Report Period: 2008/Q4  
 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
<b>Field Parameters</b>								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	10/24 10:33	21.1 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/24 10:33	9.10 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/24 10:33	7.28 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/24 10:33	0.160 ntu	1	0.10 ntu
<b>Wet Chemistry</b>								
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	410.4	10/27 16:10	<10. mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	SM4500CL-E	11/03 16:06	<1.0 mg/l	1	1.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/25 10:00	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/26 18:06	<0.050 mg/l	1	0.050 mg/l
	OIL & GREASE	GRAB	N	1664	10/28 17:00	<4.4 mg/l	1.1	4.4 mg/l
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	10/28 17:00	<4.4 mg/l	1.1	4.4 mg/l
00945	SULFATE	GRAB	N	300.0	10/26 18:06	<0.50 mg/l	1	0.50 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/06 15:48	ND Q 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
<b>Metals Analysis</b>								
1002	ARSENIC	GRAB	N	200.8	11/03 21:17	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/04 05:23	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/04 05:23	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/04 05:23	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/04 05:23	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/04 05:23	<0.10 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/03 21:17	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/04 05:23	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/04 05:23	<0.50 mg/l	1	0.50 mg/l
71900	MERCURY	GRAB	N	245.1	10/30 18:12	<0.00020 mg/l	1	0.00020 mg/l

Order #: L264638-3  
 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: LT. YELLOW  
 Odor: None  
 Matrix: Surface Water

PARAMETER MONITORING REPORT

Part III: Analytical Results

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

Sampling Date/Time: 10/24/08 11:30 AM  
 Report Period: 2008/Q4  
 Well Purge Vol (gal) N  
 Well Type: 0

Storet Code	Parameter Monitored	Samp Meth	Field Filtr	Analysis Method	Analysis Date/Time	Analysis Result/Units	Dilution	Detection Limit/Units
<b>Field Parameters</b>								
00010	TEMPERATURE CENTIGRADE	GRAB	N	170.1	10/24 11:30	24.4 Deg. C	1	0.10 Deg. C
00094	CONDUCTIVITY FIELD	GRAB	N	120.1	10/24 11:30	342 umhos/cm	1	0.10 umhos/cm
00406	PH FIELD	GRAB	N	150.1	10/24 11:30	6.57 units	1	0.10 units
82078	TURBIDITY, FIELD	GRAB	N	180.1	10/24 11:30	1.19 ntu	1	0.10 ntu
<b>Wet Chemistry</b>								
00410	TOTAL ALKALINITY AS CaCO3	GRAB	N	SM2320B	11/03 14:47	<5.0 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	410.4	10/27 16:10	30.0 mg/l	1	10. mg/l
00940	CHLORIDE	GRAB	N	300.0	10/26 18:23	24.6 V mg/l	10	5.0 mg/l
038260	DETERGENTS MBAS	GRAB	N	SM5540C	10/25 10:00	<0.20 mg/l	1	0.20 mg/l
00620	NITRATE (AS N)	GRAB	N	300.0	10/26 18:23	<0.50 mg/l	10	0.50 mg/l
	OIL & GREASE	GRAB	N	1664	10/28 17:00	<4.8 mg/l	1.2	4.8 mg/l
NA149	TOTAL PETROLEUM HYDROCARBONS	GRAB	N	1664	10/28 17:00	<4.8 mg/l	1.2	4.8 mg/l
00945	SULFATE	GRAB	N	300.0	10/26 18:23	28.6 mg/l	10	5.0 mg/l
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	SM2540C	11/06 15:48	216. Q mg/l	1	10. mg/l
00625	KJELDAHL NITROGEN	GRAB	N	351.2	10/31 17:30	0.525 mg/l	1	0.40 mg/l
<b>Metals Analysis</b>								
1002	ARSENIC	GRAB	N	200.8	11/03 20:31	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/04 04:59	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/04 04:59	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/04 04:59	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/04 04:59	<0.0050 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/04 04:59	<0.10 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/03 20:31	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/04 04:59	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/04 04:59	12.3 mg/l	1	0.50 mg/l
71900	MERCURY	GRAB	N	245.1	10/30 17:59	<0.00020 mg/l	1	0.00020 mg/l

Order #: L264638-4  
 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:  
 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: 10/24/08 00:00 AM  
 Report Period: 2008/Q4  
 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	11/03 21:22	<0.0040 mg/l	1	0.0040 mg/l
01007	BARIUM	GRAB	N	3010/6010B	11/04 05:11	<0.010 mg/l	1	0.010 mg/l
01027	CADMIUM	GRAB	N	3010/6010B	11/04 05:11	<0.0020 mg/l	1	0.0020 mg/l
01034	CHROMIUM	GRAB	N	3010/6010B	11/04 05:11	<0.0050 mg/l	1	0.0050 mg/l
01042	COPPER	GRAB	N	3010/6010B	11/04 05:11	0.00865 mg/l	1	0.0050 mg/l
01045	IRON	GRAB	N	3010/6010B	11/04 05:11	<0.10 mg/l	1	0.10 mg/l
01051	LEAD	GRAB	N	200.8	11/03 21:22	<0.0020 mg/l	1	0.0020 mg/l
01147	SELENIUM	GRAB	N	3010/6010B	11/04 05:11	<0.010 mg/l	1	0.010 mg/l
00929	SODIUM	GRAB	N	3010/6010B	11/04 05:11	<0.50 mg/l	1	0.50 mg/l
71900	MERCURY	GRAB	N	245.1	10/30 18:19	<0.00020 mg/l	1	0.00020 mg/l

CENTRAL COUNTY TRANSFER STATION SURFACE WATER

1 Surface water: CTSW-1

1 Equipment Blank (CTSSEB-)

**Parameters (Matrix Surface Water)**

**A. METALS**

Arsenic <sup>200.8</sup> Chromium <sup>601.0</sup> Lead <sup>200.8</sup> Sodium <sup>7600</sup>  
Barium <sup>7600</sup> Copper <sup>601.0</sup> Mercury <sup>1420</sup> Selenium <sup>7600</sup>  
Cadmium <sup>7600</sup> Iron

**B. INDICATOR PARAMETERS**

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

**C. FIELD PARAMETERS**

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

2 of 3

COC # 188294



# SOLID WASTE AUTHORITY DIVISION OF ENVIRONMENTAL PROGRAMS SURFACE SITE DATA SHEET

Facility Identification: **Central County Transfer Station**

Sample Type: **Grab**

Sample Name: **CTSW-1**

Date: **10-24-08**

Time: **11:30**

Depth of Sample: **~6-8"**

Description: Adjacent to Storm water structure in pond

Notes and Comments

Weather: **Very Windy**

**COOL Overcast**

Conductivity on scale X **05**

PH **2.0** in preservative

Field Parameters	Units	Standard Appearance
Temperature:	<b>24.4</b> C	Color: <b>light yellow</b>
Specific Cond:		
Specific Cond: ATC	<b>342</b> uMHOS/cm	Odor: <b>no odor no shear</b>
PH:	<b>6.57</b> Std. Units	
Turb:	<b>1.19</b> NTU	
D.O.	Mg/L	<b>vegetation in area</b>

**SS scoop**

Bucket#

Beaker#

Sample Container Inventory

Quantity	Size	Type	Preservation	Analysis

Each time sampled remember to open and close control structure

Sampled By: **B. Dancy**  
**MTJ**

Method of Shipment: **Genapure**

