XENCO Laboratories
Florida Testing Services, LLC

Genapure Analytical Services, Inc.

REPORT OF ANALYSIS
Printed 06/12/11

Thomas Sirna
Palm Beach Solid Waste Authority
7501 N. Jog Rd.
West Palm Beach, FL 33412

Log #: 397822
Report Period: 2010/Q4

RECEIVED
JUN 06 2011

Client Project ID Central County Transfer
Collected By Client

Laboratory Sample #	Client Sample #
397822-001	CTSSEB-111810
397822-002	CTSW-1
397822-003	Metals Trip Blank 111810

Respectfully submitted,

Mike Kimmel

XENCO Laboratories
Florida Testing Services, LLC

12-JUN-11

Project Manager: **Thomas Sirna**
Palm Beach Solid Waste Authority
7501 N. Jog Rd.
West Palm Beach, FL 33412

Reference: XENCO Report No: **397822**
Central County Transfer Station
Project Address:

Thomas Sirna:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 397822. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 397822 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Mike Kimmel
Office Manager

Order # : 397822-001

Client : Palm Beach Solid Waste Authority

Diameter (in) :

Depth toWater (ft) :

Total Depth (ft) :

Top of Casing (ft) :

Evacuation (gal) :

XENCO Laboratories

Report for Analysis for DEP

Central County Transfer

Sheen : NONE

Color : CLEAR

Odor : NONE

Matrix : Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____

Test Site ID # : _____

Well Name : CTSSEB-111810

Classification of Ground Water : Equipment Blank

G W Elevation (NGVD) : _____

Sampling Date/Time : 11/18/2010 13:13

Report Period : 2010/Q4

Well Purge (Y/N/) : N

Well Type : ( ) Background
( ) Intermediate
( ) Compliance
(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	RL		Dil
Field Parameters										
000664	pH	Grab	N	E150.1	11/18/10 13:13	6.73 SU		1	SU	1
000010	Temperature	Grab	N	E170.1	11/18/10 13:13	25.7 Deg C		1	Deg C	1
000537	Specific conductance	Grab	N	SW9050	11/18/10 13:13	9.70 uS/cm		1	uS/cm	1
082078	Turbidity	Grab	N	E180.1	11/18/10 13:13	0.690 NTU		0.1	NTU	1
INORGANICS										
000576	Mercury	Grab	N	SW7470A	11/23/10 13:57	<0.05930 ug/L	0.05930	0.20000	ug/L	1
001002	Arsenic	Grab	N	EPA 200.8	11/29/10 18:10	<0.90 ug/L	0.90	4.0	ug/L	1
001027	Cadmium	Grab	N	EPA 200.8	11/29/10 18:10	0.18 IV ug/L	0.17	2.0	ug/L	1
001042	Copper	Grab	N	EPA 200.8	11/29/10 18:10	<0.34 ug/L	0.34	2.0	ug/L	1
000572	Lead	Grab	N	EPA 200.8	11/29/10 18:10	<1.1 ug/L	1.1	4.0	ug/L	1
001147	Selenium	Grab	N	EPA 200.8	11/29/10 18:10	<0.50 ug/L	0.50	4.0	ug/L	1
001007	Barium	Grab	N	SW6010B	11/22/10 23:27	<2.10 ug/L	2.10	10.0	ug/L	1
001034	Chromium	Grab	N	SW6010B	11/22/10 23:27	<2.60 ug/L	2.60	5.00	ug/L	1
001045	Iron	Grab	N	SW6010B	11/22/10 23:27	<32.0 ug/L	32.0	200	ug/L	1
000929	Sodium	Grab	N	SW6010B	11/22/10 23:27	<0.150 mg/L	0.150	0.500	mg/L	1
Other										
000410	Alkalinity, Total (CaCO3)	Grab	N	SM2320B	11/24/10 13:37	<0.392 mg/L	0.392	1.00	mg/L	1
038260	Surfactants	Grab	N	SM 5540C	11/19/10 15:30	<0.043 mg/L	0.043	0.100	mg/L	1
000599	Nitrogen, Ammonia (as N)	Grab	N	EPA 350.1	11/23/10 11:33	<0.020 mg/L	0.020	0.100	mg/L	1
000340	COD - Chemical Oxygen Demand	Grab	N	EPA 410.4	11/23/10 14:30	<6.70 mg/L	6.70	20.0	mg/L	1
000515	Total dissolved solids	Grab	N	SM2540C	11/19/10 17:00	<5.00 mg/L	5.00	5.00	mg/L	1
000593	Chloride	Grab	N	EPA 300	11/19/10 15:07	0.097 II mg/L	0.066	0.500	mg/L	1
000945	Sulfate	Grab	N	EPA 300	11/19/10 15:07	<0.076 mg/L	0.076	0.500	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300	11/19/10 15:07	<0.007 mg/L	0.007	0.050	mg/L	1

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	RL		Dil
000560	Oil & Grease, HEM	Grab	N	E1664A	11/23/10 16:00	<1.40 mg/L	1.4	4.0	mg/L	1
	Total Petroleum Hydrocarbons (TPH)	Grab	N	EPA 1664	11/23/10 16:00	<1.37 mg/L	1.37	4.00	mg/L	1
000601	Nitrogen, Total Kjeldahl	Grab	N	EPA 351.2	11/26/10 17:59	0.209 I mg/L	0.087	0.300	mg/L	1

Order # : 397822-002
Client : Palm Beach Solid Waste Authority
Diameter (in) :
Depth toWater (ft) :
Total Depth (ft) :
Top of Casing (ft) :
Evacuation (gal) :

XENCO Laboratories
Report for Analysis for DEP
Central County Transfer
Sheen : NONE
Color : CLEAR
Odor : NONE
Matrix : Surface Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____
Test Site ID # : _____
Well Name : CTSW-1
Classification of Ground Water : Sample, Analytical Request
G W Elevation (NGVD) : _____

Sampling Date/Time : 11/18/2010 13:20
Report Period : 2010/Q4
Well Purge (Y/N/) : N
Well Type : ( ) Background
( ) Intermediate
( ) Compliance
(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	RL		Dil
Field Parameters										
000664	pH	Grab	N	E150.1	11/18/10 13:20	6.42 SU		1	SU	1
000010	Temperature	Grab	N	E170.1	11/18/10 13:20	25.2 Deg C		1	Deg C	1
000537	Specific conductance	Grab	N	SW9050	11/18/10 13:20	357 uS/cm		10	uS/cm	1
082078	Turbidity	Grab	N	E180.1	11/18/10 13:20	1.31 NTU		1	NTU	1
INORGANICS										
000576	Mercury	Grab	N	SW7470A	11/23/10 13:59	<0.05930 ug/L	0.05930	0.20000	ug/L	1
001002	Arsenic	Grab	N	EPA 200.8	11/29/10 18:18	1.1 I ug/L	0.90	4.0	ug/L	1
001027	Cadmium	Grab	N	EPA 200.8	11/29/10 18:18	0.19 IV ug/L	0.17	2.0	ug/L	1
001042	Copper	Grab	N	EPA 200.8	11/29/10 18:18	4.1 ug/L	0.34	2.0	ug/L	1
000572	Lead	Grab	N	EPA 200.8	11/29/10 18:18	<1.1 ug/L	1.1	4.0	ug/L	1
001147	Selenium	Grab	N	EPA 200.8	11/29/10 18:18	<0.50 ug/L	0.50	4.0	ug/L	1
001007	Barium	Grab	N	SW6010B	11/22/10 20:57	8.67 I ug/L	2.10	10.0	ug/L	1
001034	Chromium	Grab	N	SW6010B	11/22/10 20:57	<2.60 ug/L	2.60	5.00	ug/L	1
001045	Iron	Grab	N	SW6010B	11/22/10 20:57	<32.0 ug/L	32.0	200	ug/L	1
000929	Sodium	Grab	N	SW6010B	11/22/10 20:57	19.0 mg/L	0.150	0.500	mg/L	1
Other										
000410	Alkalinity, Total (CaCO3)	Grab	N	SM2320B	11/24/10 13:15	77.7 mg/L	0.392	1.00	mg/L	1
038260	Surfactants	Grab	N	SM 5540C	11/19/10 15:30	<0.043 mg/L	0.043	0.100	mg/L	1
000599	Nitrogen, Ammonia (as N)	Grab	N	EPA 350.1	11/23/10 11:34	<0.020 mg/L	0.020	0.100	mg/L	1
000340	COD - Chemical Oxygen Demand	Grab	N	EPA 410.4	11/23/10 14:30	31.5 mg/L	6.70	20.0	mg/L	1
000515	Total dissolved solids	Grab	N	SM2540C	11/19/10 17:00	200 mg/L	5.00	5.00	mg/L	1
000593	Chloride	Grab	N	EPA 300	11/19/10 14:05	32.3 mg/L	0.066	0.500	mg/L	1
000945	Sulfate	Grab	N	EPA 300	11/19/10 14:05	43.0 mg/L	0.076	0.500	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300	11/19/10 14:05	<0.007 mg/L	0.007	0.050	mg/L	1

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	RL		Dil
000560	Oil & Grease, HEM	Grab	N	E1664A	11/23/10 16:00	<1.40 mg/L	1.4	4.0	mg/L	1
	Total Petroleum Hydrocarbons (TPH)	Grab	N	EPA 1664	11/23/10 16:00	<1.37 mg/L	1.37	4.00	mg/L	1
000601	Nitrogen, Total Kjeldahl	Grab	N	EPA 351.2	11/26/10 17:53	0.600 mg/L	0.087	0.300	mg/L	1

Order # : 397822-003
Client : Palm Beach Solid Waste Authority
Diameter (in) :
Depth toWater (ft) :
Total Depth (ft) :
Top of Casing (ft) :
Evacuation (gal) :

XENCO Laboratories
Report for Analysis for DEP
Central County Transfer
Sheen : NONE
Color :
Odor :
Matrix : Water, Laboratory Grade Ty

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____
Test Site ID # : _____
Well Name : Metals Trip Blank 111810
Classification of Ground Water : Trip Blank
G W Elevation (NGVD) : _____

Sampling Date/Time : 11/18/2010 00:00
Report Period : 2010/Q4
Well Purge (Y/N/) : N
Well Type : ( ) Background
( ) Intermediate
( ) Compliance
(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	RL		Dil
INORGANICS										
000576	Mercury	Grab	N	SW7470A	11/23/10 14:01	<0.05930 ug/L	0.05930	0.20000	ug/L	1
001002	Arsenic	Grab	N	EPA 200.8	11/29/10 18:26	<0.90 ug/L	0.90	4.0	ug/L	1
001027	Cadmium	Grab	N	EPA 200.8	11/29/10 18:26	0.18 IV ug/L	0.17	2.0	ug/L	1
001042	Copper	Grab	N	EPA 200.8	11/29/10 18:26	<0.34 ug/L	0.34	2.0	ug/L	1
000572	Lead	Grab	N	EPA 200.8	11/29/10 18:26	<1.1 ug/L	1.1	4.0	ug/L	1
001147	Selenium	Grab	N	EPA 200.8	11/29/10 18:26	<0.50 ug/L	0.50	4.0	ug/L	1
001007	Barium	Grab	N	SW6010B	11/27/10 14:09	<2.10 ug/L	2.10	10.0	ug/L	1
001034	Chromium	Grab	N	SW6010B	11/27/10 14:09	<2.60 ug/L	2.60	5.00	ug/L	1
001045	Iron	Grab	N	SW6010B	11/27/10 14:09	<32.0 ug/L	32.0	200	ug/L	1
000929	Sodium	Grab	N	SW6010B	11/27/10 14:09	<0.150 mg/L	0.150	0.500	mg/L	1

Flagging Criteria

FLORIDA Flagging Criteria

A Value reported is the mean (average) of two or more determinations. This code shall be used if the reported value is the average of results for two or more discrete and separate samples. These samples shall have been processed and analyzed independently. Do not use this code if the data are the result of replicate analysis on the same sample aliquot, extract or digestate.

B Results based upon colony counts outside the acceptable range. This code applies to microbiological tests and specifically to membrane filter colony counts. The code is to be used if the colony count is generated from a plate in which the total number of coliform colonies is outside the method indicated ideal range. This code is not to be used if a 100 mL sample has been filtered and the colony count is less than the lower value of the ideal range.

F When reporting species: F indicates the female sex. Otherwise it indicates RPD value is outside the acceptable range.

H Value based on field kit determination; results may not be accurate. This code shall be used if a field screening test (i.e., field gas chromatograph data, immunoassay, vendor-supplied field kit, etc.) was used to generate the value and the field kit or method has not been recognized by the Department as equivalent to laboratory methods.

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J Estimated value. A "J" value shall be accompanied by a narrative justification for its use. Where possible, the organization shall report whether the actual value is less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V, or Y, however, if additional reasons exist for identifying the value as estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. The following are some examples of narrative descriptions that may accompany a "J" code: .

- J1: No known quality control criteria exist for the component;
- J2: The reported value failed to meet the established quality control criteria for either precision or accuracy (the specific failure must be identified);
- J3: The sample matrix interfered with the ability to make any accurate determination;
- J4: The data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample).
- J5: The field calibration verification did not meet calibration acceptance criteria.
- J6: QC protocol not followed.

Flagging Criteria

J7: B/A results for Chlorophyll does not meet 1 - 1.7 ratio.

K Off-scale low. Actual value is known to be less than the value given. This code shall be used if:

1. The value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or

2. The value is known to be less than the reported value based on sample size, dilution. This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.

L Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.

M When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than the method detection limit. If the value is less than the method detection limit use "T" below.

N Presumptive evidence of presence of material. This qualifier shall be used if:

1. The component has been tentatively identified based on mass spectral library search; or

2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).

O Sampled, but analysis lost or not performed.

Q Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.

T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.

U Indicates that the compound was analyzed for but not detected. This symbolshall be used to indicate that the specified component was not detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" above).

V Indicates that the analyte was detected in both the sample and the associated method blank. Note: the value in the blank shall not be subtracted from associated samples.

Flagging Criteria

Y The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.

Z Too many colonies were present for accurate counting. Historically, this condition has been reported as "too numerous to count" (TNTC). The "Z" qualifier code shall be reported when the total number of colonies of all types is more than 200 in all dilutions of the sample. When applicable to the observed test results, a numeric value for the colony count for the microorganism tested shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.

? Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.

* Not reported due to interference.

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The following codes deal with certain aspects of field activities. The codes shall be used if the laboratory has knowledge of the specific sampling event. The codes shall be added by the organization collecting samples if they apply:

D The sample result was reported from a dilution.

E Indicates that extra samples were taken at composite stations.

R Significant rain in the past 48 hours. (Significant rain typically involves rain in excess of 1/2 inch within the past 48 hours.) This code shall be used when the rainfall might contribute to a lower than normal value.

! Data deviate from historically established concentration ranges.

\+ Outside XENCO's scope of NELAC accreditation

CHAIN OF CUSTODY RECORD

XENCO Laboratories — Environmental Asbestos Radiochemistry — xenco.com

Atlanta: 6017 Financial Dr. Norcross, GA 30071 770-449-8800 | Orlando: 5446 Hoffner Av. Ste 408 Orlando, FL 32812 407-429-8022
Boca Raton: 3231 NW 7th Ave, Boca Raton, FL 33431 561-447-7373 | Tampa: 2505 North Falkenburg Rd, Tampa, FL 33619 813-620-2000
Miami: 14100 Palmetto Frontage Rd. Miami Lakes, FL 33016 305-823-8500

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Lab W.O. 397822

Field Billable Hrs:

*** Container Type Codes**

VA	Vial Amber	ES	Encore Sampler
VC	Vial Clear	TS	TerraCore Sampler
VP	Vial Pre-preserved	AC	Air Canister
GA	Glass Amber	TB	Tedlar Bag
GC	Glass Clear	ZB	Zip Lock Bag
PA	Plastic Amber	PC	Plastic Clear

Other _____

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz., 1Gal
40ml, 125 ml, 250 ml, 500 ml, 1L, Other _____
Example: 4ozGC = 4oz Glass Clear
40mlVP = 40ml Vial Pre-preserved

Company: PB SWA
Address: 7501 N. Dog RD
City: WPB State: FL Zip: 33412
PM/Attn: Thomas Sirna
email:
Phone: 640-4000
Fax: 640-3400
Project Name:
Project ID:
PO #
Quote #

TAT Work Days = D Need results by: _____ Time: _____
Std (5-10D) 6Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other _____

Sampler Signature: Brenda Casey

Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A

ANALYSES REQUESTED

**** Preservative Type Codes**

A. None E. HCL I. Ice
B. HNO_3 F. MeOH J. MCAA
C. H_2SO_4 G. $Na_2S_2O_3$ K. ZnAc&NaOH
D. NaOH H. $NaHSO_4$ L. Asbc Acid&NaOH
O. _____

^ Matrix Type Codes

GW	Ground Water	S	Soil/Sediment/Solid
WW	Waste Water	W	Wipe
DW	Drinking Water	A	Air
SW	Surface Water	O	Oil
OW	Ocean/Sea Water	T	Tissue
PL	Product-Liquid	U	Urine
PS	Product-Solid	B	Blood
SL	Sludge		

Other _____

Cont Type * / Pres Type** — See page 3 of 4 for 10/11/10

Hold Sample (CALL) Additions:

Cont / Lab Only:

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code ^	Composite or Grab	Field Filtered	Total # of containers
1	RTSSEB - 111810	11/18/10	13:13	AFW			5
2	CTSW-1	11/18/10	13:20	S			5
3							
4							
5	Metals Trip Blank	11/18/10					1
6							
7							
8							
9							
10							

REMARKS

See field sheets for field parameters

Reg. Program / Clean-up Std: CTLs TRRP DW NPDES LPST DryCln Other:

STATE for Certs & Regs: FL TX GA NC SC NJ PA OK LA AL IL Other:

QA/QC Level & Certification: 1 2 3 4 CLP AFCEE QAPP NELAC DoD-ELAP Other:

EDDs: ADaPT SEDD ERPIMS XLS Other:

COC & Labels: Match Incomplete Absent Unclear

Coolers Temp °C: 1. 3.2 2. 3.

	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
1	Brenda Casey / MW	Xenco	11/18/10	1610	MW	Xenco	11-18-10	1600
2			11-18-10	1645	Matt Van Pelt	Xenco	11/18/10	1645
3								
4								

Lab Use Only

	YES	NO	N/A
Non-Conformances found?			
Samples intact upon arrival?			
Received on Wet Ice?			
Labeled with proper preservatives?			
Received within holding time?			
Custody seals intact?			
VOCs rec'd w/o headspace?			
Proper containers used?			
pH verified-acceptable, excl VOCs?			
Received on time to meet HTs?			

FTS: Philadelphia 610-955-5649 South Carolina 803-543-8099 B&A Laboratories: Corpus Christi 361-884-0371 Dallas 214-902-0300 Houston 281-240-4200 Odessa 432-563-1800 San Antonio 210-509-3334

C.O.C. Serial # 258712

Genapure Xenco, Mike Kimmel
Page 5 of 35
4th Quarter Letter dated 10/1/10

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 Kjehdahl 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)**

READ STAFF GUAGE
READ METER AT MASTER PUMP STATION

2 of 2
COC #
258712

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: 11-18-10

Time: 13:20

Depth of Sample: ≈ 2-4"

Description: Adjecent to Storm water structure in pond

Staff gauge - out of water
S. dry
N. -7.77

Notes and Comments

Weather: Ply sonny + warm

Conductivity on scale X US

PH < 2.0 in preservative

SS scoop

Bucket# NA

Beaker# NA

Field Parameters		Units
Temperature:	25.2	C
Specific Cond:		uMHOS/cm
Specific Cond: ATC	357	uMHOS/cm
PH:	6.42	Std. Units
Turb:	1.31	NTU
D.O.		Mg/L

Standard Appearance

Color: Clear

Odor: no odor
no sheen

Sample Container Inventory

Quanity	Size	Type	Preservation	Analysis
650412		meter		

Each time sampled remember to open and close control structure.

Sampled By: Brenda Queary

Method of Shipment Vehicle

SOLID WASTE AUTHORITY
DIVISION OF ENVIRONMENTAL PROGRAMS
SURFACE SITE DATA SHEET

Facility Identification: Central County Transfer Station Facility GMS#

Sample Type: Grab

Sample Name: CTSSEB - 111810 Date: 11-18-10

Time: 13:13

Depth of Sample: _____

Description: _____

Notes and Comments

Weather: Pty Sunny + warm

Conductivity on scale X US

PH < 2.0 in preservative

Field Parameters		Units
Temperature:	25.7	C
Specific Cond:	9.7	uMHOS/cm
Redox Potential		
PH:	6.73	Std. Units
Turb:	.69	NTU
D.O.		Mg/L

Standard Appearance

Color: clear

Odor: no odor no sheen

SS scoop

Bucket# NA

Beaker# NA

Sample Container Inventory

Quantity	Size	Type	Preservation	Analysis

Sampled By: Brenda Downey

Method of Shipment Xenco

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: PBSWA

Date/ Time Received: 11/18/10 1645

WO ID #: 397822

Initials of Sample Receipt Person: MattVP

Checklist completed by, date/time: 11/18/10 1820

Acceptable Temperature Range: 2-6° C
Acceptable pH Range(s):
<2 for samples preserved with HNO3, HCL, H2SO4
>10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH

Temperature Measuring device used: T-109

Sample Receipt Checklist

					Comments
#1	*Temperature of cooler(s)?	# of Coolers 1	1 / 1 / 13.2 c		
#2	*Shipping container in good condition?	(YES)	No	None	
#3	*Samples received on ice?	(YES)	No	N/A	Blue / Water
#4	*Custody Seals intact on shipping container/ cooler?	Yes	No	(N/A)	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	(N/A)	
#6	*Custody Seals Signed and dated for Containers/coolers	Yes	No	(N/A)	
#7	*Chain of Custody present?	(YES)	No		
#8	Sample instructions complete on Chain of Custody?	(YES)	No		
#9	Any missing/extra samples?	Yes	(NO)		
#10	Chain of Custody signed when relinquished/ received?	(YES)	No		
#11	Chain of Custody agrees with sample label(s)?	(YES)	No		
#12	Container label(s) legible and intact?	(YES)	No		
#13	Sample matrix/ properties agree with Chain of Custody?	(YES)	No		
#14	Samples in proper container/ bottle?	(YES)	No		
#15	Samples properly preserved?	(YES)	No	N/A	See Attached Preservation Sheet If NO
#16	Sample container(s) intact?	(YES)	No		
#17	Sufficient sample amount for indicated test(s)?	(YES)	No		
#18	All samples received within hold time?	(YES)	No		
#19	Subcontract of sample(s)?	Yes	(NO)		
#20	VOC samples have zero headspace (less than 1/4 inch bubble)?	YES	No	(N/A)	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

pH Check: ✓ Date/Time: 11/18/10 1800 Analyst: MVP pH Device/Lot Number: HC957885

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

XENCO LABORATORIES
Container Receipt Verification Form

Work Order Number: 397822 **Chain of Custody Number(s):** _____

Tests		O/G, TRPH										Metals	NH_3, COD, TKN				Metals	Alk, Cl, NO_3, NO_2										
Container Type/ Pres.	gal GA/	32oz N/M GA/ H_2SO_4	32oz N/M GA/	32oz N/M GA/	32oz W/M GA/	VOA/	VOA/	VOA/	120mL P w. Pill/	4oz Plastic/	4oz Plastic/	250mL HDPE/ HNO_3	250mL HDPE/ H_2SO_4	500mL HDPE/	500mL HDPE/	500mL HDPE/	1L HDPE/ HNO_3	1L HDPE/ COOL	9oz GC/	9oz GC/	9oz GC/	4oz GC/	4oz GC/	2oz GC/	2oz GC/	Tedlar Bag	Ampules/	Other/	Comments
1		2											1				1	1										
2		2											1				1	1										
3												1																Metals blanks
4																												
5																												
6																												
7																												
8																												
9																												
10																												

Abbreviations:
Gal GA = One gallon amber
32oz N/M GA = 32 oz Amberglass
VOA = 40mL vials
32oz W/M GA = 32 oz Wide Mouth Amberglass

1L HDPE = 1L (1000mL) Plastic Bottle
500mL HDPE = 500mL Plastic Bottle
250mL HPDE = 250mL Plastic Bottle

8oz GC = 8oz Soil Jar
4oz GC = 4oz Soil Jar
2oz GC = 2oz soil jar

120mL Plastic w. Pill = BacT
Zip = Ziplock Bag
4oz Plastic = 4oz Plastic Bottle

HCl = Hydrochloric Acid
H2SO4 = Sulfuric Acid
NaOH = Sodium Hydroxide
MeOH = Methanol
HNO3 = Nitric Acid
ZnAC = Zinc Acetate
Na2S2O3 = Sodium Thiosulfate

NH4Cl2 = Ammonium Chloride
DI H2O = DI Water
MCAA = Monochloroacetic Acid

Reviewed By: _____