



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

Log #: 371241
Report Period 2010/Q2

Client Project ID Central County Transfer Station-Surface
Collected By: Client

Laboratory Sample #	Client Sample #
371241-001	CTSSEB 050310
371241-002	CT SW-1

RECEIVED

JUN 14 2011

Respectfully submitted,

Mike Kimmel

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)



16-MAY-10

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

Reference: XENCO Report No: **371241**
Central County Transfer Station Wells
Project Address:

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 371241. 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. 371241 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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Order #: 371241-001

Client: Palm Beach Solid Waste Authority

XENCO Laboratories

Report for Analysis for DEP

Central County Transfer-Wells

Diameter (in):
 Depth to Water (ft):
 Total Depth (ft):
 Top of Casing (ft):
 Evacuation (gal):

Sheen: NONE
 Color: CLEAR
 Odor: NONE
 Matrix: Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____ Sampling Date/Time: 05/03/2010 10:30

Test Site ID #: _____ Report Period: 2010/Q2

Well Name: CTSSEB 050310 Well Purge (Y/N): N

Classification of Ground Water: Equipment Blank Well Type: () Background

G W Elevation (NGVD): _____ Well Type: () Intermediate

Well Type: () Compliance

Well Type: (X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil
							MDL	RL	
Field Parameters									
000664	pH	Grab	N	E150.1	05/03/10 10:30	7.10 SU	1	SU	1
000010	Temperature	Grab	N	E170.1	05/03/10 10:30	24.0 Deg C	1	Deg C	1
000537	Specific conductance	Grab	N	SW9050	05/03/10 10:30	10.0 uS/cm	10	uS/cm	1
082078	Turbidity	Grab	N	E180.1	05/03/10 10:30	1.00 NTU	1	NTU	1
INORGANICS									
000576	Mercury	Grab	N	SW7470A	05/10/10 13:16	<0.113 ug/L	0.113	0.200 ug/L	1
001002	Arsenic	Grab	N	E200.8	05/05/10 21:01	2.60 IV ug/L	0.800	5.00 ug/L	1
001027	Cadmium	Grab	N	E200.8	05/05/10 21:01	<0.60 ug/L	0.60	5.0 ug/L	1
001042	Copper	Grab	N	E200.8	05/05/10 21:01	<0.211 ug/L	0.211	2.0 ug/L	1
000572	Lead	Grab	N	E200.8	05/05/10 21:01	<0.947 ug/L	0.947	5.0 ug/L	1
001147	Selenium	Grab	N	E200.8	05/05/10 21:01	4.10 I ug/L	1.78	5.00 ug/L	1
001007	Barium	Grab	N	SW6010B	05/12/10 06:02	<2.00 ug/L	2.00	10.0 ug/L	1
001034	Chromium	Grab	N	SW6010B	05/12/10 06:02	<1.10 ug/L	1.10	5.00 ug/L	1
001045	Iron	Grab	N	SW6010B	05/12/10 06:02	<45.0 ug/L	45.0	100 ug/L	1
000929	Sodium	Grab	N	SW6010B	05/12/10 06:02	<0.074 mg/L	0.074	0.250 mg/L	1
ORGANICS									
034506	1,1,1-Trichloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.232 ug/L	0.232	1.00 ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.233 ug/L	0.233	1.00 ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.288 ug/L	0.288	2.00 ug/L	1
034496	1,1-Dichloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.255 ug/L	0.255	2.00 ug/L	1
034501	1,1-Dichloroethene	Grab	N	SW8260B	05/11/10 03:20	<0.269 ug/L	0.269	2.00 ug/L	1
034536	1,2-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:20	<0.298 ug/L	0.298	2.00 ug/L	1
034531	1,2-Dichloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.338 ug/L	0.338	2.00 ug/L	1
034541	1,2-Dichloropropane	Grab	N	SW8260B	05/11/10 03:20	<0.326 ug/L	0.326	2.00 ug/L	1

Order #: 371241-001

Client: Palm Beach Solid Waste Authority

XENCO Laboratories

Report for Analysis for DEP

Central County Transfer-Wells

Diameter (in):
 Depth to Water (ft):
 Total Depth (ft):
 Top of Casing (ft):
 Evacuation (gal):

Sheen: NONE
 Color: CLEAR
 Odor: NONE
 Matrix: Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____ Sampling Date/Time: 05/03/2010 10:30

Test Site ID #: _____ Report Period: 2010/Q2

Well Name: CTSSEB 050310 Well Purge (Y/N): N

Classification of Ground Water: Equipment Blank Well Type: () Background

G W Elevation (NGVD): _____ () Intermediate

() Compliance

(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil	
							MDL	RL		
034566	1,3-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:20	<0.235 ug/L	0.235	1.00	ug/L	1
034571	1,4-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:20	<0.193 ug/L	0.193	1.00	ug/L	1
034576	2-Chloroethyl Vinyl Ether	Grab	N	SW8260B	05/11/10 03:20	<0.612 ug/L	0.612	10.0	ug/L	1
034030	Benzene	Grab	N	SW8260B	05/11/10 03:20	<0.211 ug/L	0.211	1.00	ug/L	1
032101	Bromodichloromethane	Grab	N	SW8260B	05/11/10 03:20	<0.191 ug/L	0.191	1.00	ug/L	1
032104	Bromoform	Grab	N	SW8260B	05/11/10 03:20	<0.418 ug/L	0.418	2.00	ug/L	1
034413	Methyl bromide	Grab	N	SW8260B	05/11/10 03:20	<0.610 ug/L	0.610	3.00	ug/L	1
032102	Carbon Tetrachloride	Grab	N	SW8260B	05/11/10 03:20	<0.213 ug/L	0.213	1.00	ug/L	1
034301	Chlorobenzene	Grab	N	SW8260B	05/11/10 03:20	<0.245 ug/L	0.245	1.00	ug/L	1
034311	Chloroethane	Grab	N	SW8260B	05/11/10 03:20	<0.340 ug/L	0.340	2.00	ug/L	1
032106	Chloroform	Grab	N	SW8260B	05/11/10 03:20	<0.263 ug/L	0.263	2.00	ug/L	1
034418	Methyl Chloride	Grab	N	SW8260B	05/11/10 03:20	<0.250 ug/L	0.250	2.00	ug/L	1
077093	cis-1,2-Dichloroethylene	Grab	N	SW8260B	05/11/10 03:20	<0.362 ug/L	0.362	2.00	ug/L	1
034704	cis-1,3-Dichloropropene	Grab	N	SW8260B	05/11/10 03:20	<0.249 ug/L	0.249	1.00	ug/L	1
032105	Dibromochloromethane	Grab	N	SW8260B	05/11/10 03:20	<0.256 ug/L	0.256	2.00	ug/L	1
034668	Dichlorodifluoromethane	Grab	N	SW8260B	05/11/10 03:20	<0.414 ug/L	0.414	2.00	ug/L	1
034371	Ethylbenzene	Grab	N	SW8260B	05/11/10 03:20	<0.196 ug/L	0.196	1.00	ug/L	1
081551	m,p-Xylenes	Grab	N	SW8260B	05/11/10 03:20	<0.398 ug/L	0.398	2.00	ug/L	1
034423	Methylene Chloride	Grab	N	SW8260B	05/11/10 03:20	<0.639 ug/L	0.639	5.00	ug/L	1
046491	MTBE	Grab	N	SW8260B	05/11/10 03:20	<0.261 ug/L	0.261	2.00	ug/L	1
081551	o-Xylene	Grab	N	SW8260B	05/11/10 03:20	<0.298 ug/L	0.298	2.00	ug/L	1
034475	Tetrachloroethylene	Grab	N	SW8260B	05/11/10 03:20	<0.508 ug/L	0.508	2.00	ug/L	1
078131	Toluene	Grab	N	SW8260B	05/11/10 03:20	<0.247 ug/L	0.247	1.00	ug/L	1
	Total Xylenes	Grab	N	SW8260B	05/11/10 03:20	<0.298 ug/L	0.298	2.00	ug/L	1

Order #: 371241-001

Client: Palm Beach Solid Waste Authority

XENCO Laboratories

Report for Analysis for DEP
Central County Transfer-Wells

Diameter (in):
Depth to Water (ft):
Total Depth (ft):
Top of Casing (ft):
Evacuation (gal):

Sheen: NONE
Color: CLEAR
Odor: NONE
Matrix: Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____ Sampling Date/Time: 05/03/2010 10:30
 Test Site ID #: _____ Report Period: 2010/Q2
 Well Name: CTSSEB 050310 Well Purge (Y/N): N
 Classification of Ground Water: Equipment Blank Well Type: () Background
 G W Elevation (NGVD): _____ () Intermediate
 () Compliance
 (X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil	
							MDL	RL		
034546	trans-1,2-dichloroethylene	Grab	N	SW8260B	05/11/10 03:20	<0.399 ug/L	0.399	2.00	ug/L	1
034699	trans-1,3-dichloropropene	Grab	N	SW8260B	05/11/10 03:20	<0.359 ug/L	0.359	2.00	ug/L	1
039180	Trichloroethylene	Grab	N	SW8260B	05/11/10 03:20	<0.305 ug/L	0.305	2.00	ug/L	1
034488	Trichlorofluoromethane	Grab	N	SW8260B	05/11/10 03:20	<0.301 ug/L	0.301	2.00	ug/L	1
039175	Vinyl Chloride	Grab	N	SW8260B	05/11/10 03:20	<0.414 ug/L	0.414	1.00	ug/L	1
Other										
000599	Nitrogen, Ammonia (as N)	Grab	N	E350.1	05/10/10 13:16	<0.020 mg/L	0.020	0.100	mg/L	1
000945	Sulfate	Grab	N	E300	05/04/10 17:00	<0.076 mg/L	0.076	0.500	mg/L	1
000620	Nitrate as N	Grab	N	E300	05/04/10 17:00	<0.007 mg/L	0.007	0.050	mg/L	1
000515	Total dissolved solids	Grab	N	SM2540C	05/04/10 16:30	<5.00 mg/L	5.00	5.00	mg/L	1
000340	COD - Chemical Oxygen Demand	Grab	N	E410.4	05/05/10 14:00	<6.70 mg/L	6.70	20.0	mg/L	1
000410	Alkalinity, Total (CaCO3)	Grab	N	SM2320B	05/06/10 11:04	<0.392 mg/L	0.392	1.00	mg/L	1
	Surfactants	Grab	N	SM5540C	05/04/10 10:00	<0.043 mg/L	0.043	0.100	mg/L	1
000593	Chloride	Grab	N	SM4500-Cl-C	05/11/10 10:06	<0.3150 mg/L	0.3150	1.000	mg/L	1
000560	Oil & Grease, HEM	Grab	N	E1664A	05/05/10 18:03	8.04 mg/L	1.43	4.00	mg/L	1
	Total Petroleum Hydrocarbons (TPH)	Grab	N	E1664T	05/05/10 18:03	<1.37 mg/L	1.37	4.00	mg/L	1
000601	Nitrogen, Total Kjeldahl	Grab	N	EPA 351.2	05/12/10 13:19	<0.087 mg/L	0.087	0.300	mg/L	1

Order #: 371241-002

Client: Palm Beach Solid Waste Authority

XENCO Laboratories

Report for Analysis for DEP
Central County Transfer-Wells

Diameter (in):
Depth to Water (ft):
Total Depth (ft):
Top of Casing (ft):
Evacuation (gal):

Sheen: NONE
Color: CLEAR
Odor: NONE
Matrix: Surface Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____ Sampling Date/Time: 05/03/2010 10:40

Test Site ID #: _____ Report Period: 2010/Q2

Well Name: CT SW-1 Well Purge (Y/N): N

Classification of Ground Water: Sample, Analytical Request Well Type: () Background

G W Elevation (NGVD): _____ () Intermediate

() Compliance

(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil
							MDL	RL	
Field Parameters									
000664	pH	Grab	N	E150.1	05/03/10 10:40	7.00 SU	1	SU	1
000010	Temperature	Grab	N	E170.1	05/03/10 10:40	27.1 Deg C	1	Deg C	1
000537	Specific conductance	Grab	N	SW9050	05/03/10 10:40	304 uS/cm	10	uS/cm	1
082078	Turbidity	Grab	N	E180.1	05/03/10 10:40	1.01 NTU	1	NTU	1
INORGANICS									
000576	Mercury	Grab	N	SW7470A	05/10/10 12:47	<0.113 J ug/L	0.113	0.200 ug/L	1
001002	Arsenic	Grab	N	E200.8	05/05/10 20:15	2.00 IV ug/L	0.800	5.00 ug/L	1
001027	Cadmium	Grab	N	E200.8	05/05/10 20:15	<0.60 ug/L	0.60	5.0 ug/L	1
001042	Copper	Grab	N	E200.8	05/05/10 20:15	0.500 I ug/L	0.211	2.0 ug/L	1
000572	Lead	Grab	N	E200.8	05/05/10 20:15	<0.947 ug/L	0.947	5.0 ug/L	1
001147	Selenium	Grab	N	E200.8	05/05/10 20:15	<1.78 ug/L	1.78	5.0 ug/L	1
001007	Barium	Grab	N	SW6010B	05/12/10 06:08	5.16 I ug/L	2.00	10.0 ug/L	1
001034	Chromium	Grab	N	SW6010B	05/12/10 06:08	<1.10 ug/L	1.10	5.00 ug/L	1
001045	Iron	Grab	N	SW6010B	05/12/10 06:08	<45.0 ug/L	45.0	100 ug/L	1
000929	Sodium	Grab	N	SW6010B	05/12/10 06:08	14.8 mg/L	0.074	0.250 mg/L	1
ORGANICS									
034506	1,1,1-Trichloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.232 ug/L	0.232	1.00 ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.233 ug/L	0.233	1.00 ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.288 ug/L	0.288	2.00 ug/L	1
034496	1,1-Dichloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.255 ug/L	0.255	2.00 ug/L	1
034501	1,1-Dichloroethene	Grab	N	SW8260B	05/11/10 03:42	<0.269 ug/L	0.269	2.00 ug/L	1
034536	1,2-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:42	<0.298 ug/L	0.298	2.00 ug/L	1
034531	1,2-Dichloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.338 ug/L	0.338	2.00 ug/L	1
034541	1,2-Dichloropropane	Grab	N	SW8260B	05/11/10 03:42	<0.326 ug/L	0.326	2.00 ug/L	1

Order #: 371241-002

Client: Palm Beach Solid Waste Authority

Diameter (in):

Depth to Water (ft):

Total Depth (ft):

Top of Casing (ft):

Evacuation (gal):

XENCO Laboratories

Report for Analysis for DEP

Central County Transfer-Wells

Sheen: NONE

Color: CLEAR

Odor: NONE

Matrix: Surface Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____

Sampling Date/Time: 05/03/2010 10:40

Test Site ID #: _____

Report Period: 2010/Q2

Well Name: CT SW-1

Well Purge (Y/N): N

Classification of Ground Water: Sample, Analytical Request

Well Type: () Background

G W Elevation (NGVD): _____

() Intermediate

() Compliance

(X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil	
							MDL	RL		
034566	1,3-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:42	<0.235 ug/L	0.235	1.00	ug/L	1
034571	1,4-Dichlorobenzene	Grab	N	SW8260B	05/11/10 03:42	<0.193 ug/L	0.193	1.00	ug/L	1
034576	2-Chloroethyl Vinyl Ether	Grab	N	SW8260B	05/11/10 03:42	<0.612 ug/L	0.612	10.0	ug/L	1
034030	Benzene	Grab	N	SW8260B	05/11/10 03:42	<0.211 ug/L	0.211	1.00	ug/L	1
032101	Bromodichloromethane	Grab	N	SW8260B	05/11/10 03:42	<0.191 ug/L	0.191	1.00	ug/L	1
032104	Bromoform	Grab	N	SW8260B	05/11/10 03:42	<0.418 ug/L	0.418	2.00	ug/L	1
034413	Methyl bromide	Grab	N	SW8260B	05/11/10 03:42	<0.610 ug/L	0.610	3.00	ug/L	1
032102	Carbon Tetrachloride	Grab	N	SW8260B	05/11/10 03:42	<0.213 ug/L	0.213	1.00	ug/L	1
034301	Chlorobenzene	Grab	N	SW8260B	05/11/10 03:42	<0.245 ug/L	0.245	1.00	ug/L	1
034311	Chloroethane	Grab	N	SW8260B	05/11/10 03:42	<0.340 ug/L	0.340	2.00	ug/L	1
032106	Chloroform	Grab	N	SW8260B	05/11/10 03:42	<0.263 ug/L	0.263	2.00	ug/L	1
034418	Methyl Chloride	Grab	N	SW8260B	05/11/10 03:42	<0.250 ug/L	0.250	2.00	ug/L	1
077093	cis-1,2-Dichloroethylene	Grab	N	SW8260B	05/11/10 03:42	<0.362 ug/L	0.362	2.00	ug/L	1
034704	cis-1,3-Dichloropropene	Grab	N	SW8260B	05/11/10 03:42	<0.249 ug/L	0.249	1.00	ug/L	1
032105	Dibromochloromethane	Grab	N	SW8260B	05/11/10 03:42	<0.256 ug/L	0.256	2.00	ug/L	1
034668	Dichlorodifluoromethane	Grab	N	SW8260B	05/11/10 03:42	<0.414 ug/L	0.414	2.00	ug/L	1
034371	Ethylbenzene	Grab	N	SW8260B	05/11/10 03:42	<0.196 ug/L	0.196	1.00	ug/L	1
081551	m,p-Xylenes	Grab	N	SW8260B	05/11/10 03:42	<0.398 ug/L	0.398	2.00	ug/L	1
034423	Methylene Chloride	Grab	N	SW8260B	05/11/10 03:42	<0.639 ug/L	0.639	5.00	ug/L	1
046491	MTBE	Grab	N	SW8260B	05/11/10 03:42	<0.261 ug/L	0.261	2.00	ug/L	1
081551	o-Xylene	Grab	N	SW8260B	05/11/10 03:42	<0.298 ug/L	0.298	2.00	ug/L	1
034475	Tetrachloroethylene	Grab	N	SW8260B	05/11/10 03:42	<0.508 ug/L	0.508	2.00	ug/L	1
078131	Toluene	Grab	N	SW8260B	05/11/10 03:42	<0.247 ug/L	0.247	1.00	ug/L	1
	Total Xylenes	Grab	N	SW8260B	05/11/10 03:42	<0.298 ug/L	0.298	2.00	ug/L	1

Order #: 371241-002

Client: Palm Beach Solid Waste Authority

XENCO Laboratories

Report for Analysis for DEP

Central County Transfer-Wells

Diameter (in):
 Depth to Water (ft):
 Total Depth (ft):
 Top of Casing (ft):
 Evacuation (gal):

Sheen: NONE
 Color: CLEAR
 Odor: NONE
 Matrix: Surface Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: _____ Sampling Date/Time: 05/03/2010 10:40

Test Site ID #: _____ Report Period: 2010/Q2

Well Name: CT SW-1 Well Purge (Y/N): N

Classification of Ground Water: Sample, Analytical Request Well Type: () Background

G W Elevation (NGVD): _____ Well Type: () Intermediate

Well Type: () Compliance

Well Type: (X) Other

Storet Code	Parameter Name	Samp Meth	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil	
							MDL	RL		
034546	trans-1,2-dichloroethylene	Grab	N	SW8260B	05/11/10 03:42	<0.399 ug/L	0.399	2.00	ug/L	1
034699	trans-1,3-dichloropropene	Grab	N	SW8260B	05/11/10 03:42	<0.359 ug/L	0.359	2.00	ug/L	1
039180	Trichloroethylene	Grab	N	SW8260B	05/11/10 03:42	<0.305 ug/L	0.305	2.00	ug/L	1
034488	Trichlorofluoromethane	Grab	N	SW8260B	05/11/10 03:42	<0.301 ug/L	0.301	2.00	ug/L	1
039175	Vinyl Chloride	Grab	N	SW8260B	05/11/10 03:42	<0.414 ug/L	0.414	1.00	ug/L	1
Other										
000599	Nitrogen, Ammonia (as N)	Grab	N	E350.1	05/10/10 13:14	<0.020 J mg/L	0.020	0.100	mg/L	1
000945	Sulfate	Grab	N	E300	05/04/10 17:15	29.7 J mg/L	0.151	1.00	mg/L	2
000620	Nitrate as N	Grab	N	E300	05/04/10 17:15	<0.015 mg/L	0.015	0.100	mg/L	2
000515	Total dissolved solids	Grab	N	SM2540C	05/04/10 16:30	123 mg/L	5.00	5.00	mg/L	1
000340	COD - Chemical Oxygen Demand	Grab	N	E410.4	05/05/10 14:00	28.5 mg/L	6.70	20.0	mg/L	1
000410	Alkalinity, Total (CaCO3)	Grab	N	SM2320B	05/06/10 11:28	67.2 mg/L	0.392	1.00	mg/L	1
	Surfactants	Grab	N	SM5540C	05/04/10 10:00	<0.043 mg/L	0.043	0.100	mg/L	1
000593	Chloride	Grab	N	SM4500-Cl-C	05/11/10 10:02	28.63 mg/L	0.3150	1.000	mg/L	1
000560	Oil & Grease, HEM	Grab	N	E1664A	05/05/10 18:03	10.9 mg/L	1.43	4.00	mg/L	1
	Total Petroleum Hydrocarbons (TPH)	Grab	N	E1664T	05/05/10 18:03	<1.37 mg/L	1.37	4.00	mg/L	1
000601	Nitrogen, Total Kjeldahl	Grab	N	EPA 351.2	05/12/10 13:20	0.613 mg/L	0.087	0.300	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.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
 11078 Morrison Rd., Suite D, Dallas, TX 75229
 5309 Wurzbach, Ste 104 San Antonio TX 78238
 2505 N. Falkenburg Rd., Tampa, FL 33619
 5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(972) 481-9999	(972) 481-9998
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8550



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 symbol shall 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.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

11381 Meadowglen Lane Suite L Houston, TX 77082-2647
11078 Morrison Rd., Suite D, Dallas, TX 75229
5309 Wurzbach, Ste 104 San Antonio TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(972) 481-9999	(972) 481-9998
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8550



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 (TNTC); the numeric value represents the filtration volume.
- ?** 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.

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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
 11078 Morrison Rd., Suite D, Dallas, TX 75229
 5309 Wurzbach, Ste 104 San Antonio TX 78238
 2505 N. Falkenburg Rd., Tampa, FL 33619
 5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(972) 481-9999	(972) 481-9998
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555

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. ANNUAL PARAMETERS

EPA Method 8021 (Volatile Organic Compounds & Chlorinated Hydrocarbons)

D. FIELD PARAMETERS

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

2 of 2 Coc #

258357

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 - 050810** Date: **5-3-10**
 Time: **10:30**

Depth of Sample: _____
 Description: _____

Notes and Comments
 Weather: **Sunny**
 warm
 windy
 Conductivity on scale X **US**
 PH < **2.0** in preservative

Field Parameters	Units	Standard Appearance
Temperature:	24.0 C	Color: clean
Specific Cond:	10 uMHOS/cm	Odor: no odor
Redox Potential	K	
PH:	7.10 Std. Units	No sheen
Turb:	1.00 NTU	
D.O.	Mg/L	

SS Scoop
 Bucket#
 Beaker#

Sample Container Inventory				
Quantity	Size	Type	Preservation	Analysis

Sampled By: *[Signature]*
Brand Perry Method of Shipment *Venue*

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: **5/3/10**

Time: **10:40**

Depth of Sample: **2-4"**

Description: Adjacent to Storm water structure in pond

**499045 - meter
staff gauge 9.46**

Notes and Comments

Weather: **sunny
warm
windy**

Conductivity on scale X **US**

PH **< 2.0** in preservative

SS scoop

Bucket#

Beaker#

Field Parameters	Units	Standard Appearance
Temperature:	27.1 C	Color: clear
Specific Cond:		
Specific Cond: ATC	304 uMHOS/cm	
PH:	7.00 6.302 Std. Units	
Turb:	1.01 NTU	
D.O.		

Sample Container Inventory

Quantity	Size	Type	Preservation	Analysis

Each time sampled remember to open and close control structure

Sampled By: **Brenda Deeney**
[Signature]

Method of Shipment: **Venco**

