



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

Pace Project Number: 35386915
Report Period: 2018/Q2

RECEIVED
JUL 10 2018

Client Project ID: Central County Transfer Statio

Lab Sample ID

Client Sample ID

35386915001
35386915002
35386915003

CTSSE- BLANK -041818
CTSW-1
METAL TRIP BLANK 041818

Sincerely,

Martha Montero

Florida Certifications:

- E83079 - Ormond Beach
- E86240 - South Florida
- E87627 - Charlotte



CASE NARRATIVE SUMMARY

Client Name: Palm Beach Solid Waste Authority
Project Name: Central County Transfer Station

Pace Project Number: 35386915

Date Received: 04/18/2018

Report Date: 04/30/2018

c2: Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

Pace Analytical Services, Inc.

Project Name : Central County Transfer Statio
 Diameter (in) :
 Depth to Water (ft) :
 Total Depth (ft) :
 Top of Casing (ft) :

Order # : 35386915001
 Sheen : No sheen
 Color : Clear
 Odor : None
 Matrix : DI Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : NA
 Well Name : CTSSE- BLANK -041818
 Classification of Ground Water : Equipment Blank
 Groundwater Elevation (NGVD) : _____

Sampling Date/Time : 04/18/2018 11:05
 Report Period : 2018/Q2
 Well Purge (Y/N) : N
 Well Type : () Background () Compliance
 () Intermediat (X) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	

FIELD PARAMETERS

000537	Field Specific Conductance	Grab	N		04/18/2018 11:05	4.5 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/18/2018 11:05	24.0 deg C			deg C	1
000664	Field pH	Grab	N		04/18/2018 11:05	6.67 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/18/2018 11:05	7.60 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/18/2018 11:05	0.48 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/20/2018 17:34	<2.5 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/20/2018 17:34	<2.5 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/26/2018 14:19	<0.035 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/26/2018 16:12	<0.086 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/19/2018 09:50	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/21/2018 09:24	<12.5 mg/L	12.5	20.0	mg/L	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/27/2018 12:28	<5.0 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/24/2018 16:50	<5.0 mg/L	5.0	5.0	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/20/2018 07:26	<0.099 mg/L	0.099	0.20	mg/L	1

INORGANICS

001002	Arsenic	Grab	N	EPA 6010	04/25/2018 09:47	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/25/2018 09:47	<5.0 ug/L	5.0	10.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/25/2018 09:47	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/25/2018 09:47	<20.0 ug/L	20.0	40.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/25/2018 09:47	<0.50 mg/L	0.50	1.0	mg/L	1
001027	Cadmium	Grab	N	EPA 6020	04/25/2018 20:59	<0.050 ug/L	0.050	0.10	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2018 20:59	<0.93 ug/L	0.93	1.0	ug/L	1
000572	Lead	Grab	N	EPA 6020	04/25/2018 20:59	<0.50 ug/L	0.50	1.0	ug/L	1
001147	Selenium	Grab	N	EPA 6020	04/25/2018 20:59	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/25/2018 17:59	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

	Oil and Grease	Grab	N	EPA 1664B	04/25/2018 05:14	<1.1 mg/L	1.1	5.0	mg/L	1
034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.12 ug/L	0.12	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35386915001

Well Name : CTSSE- BLANK -041818

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	

ORGANICS

034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/26/2018 21:07	<0.50c2 ug/L	0.50	40.0	ug/L	1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.27 ug/L	0.27	0.60	ug/L	1
032104	Bromoform	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034413	Bromomethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	5.0	ug/L	1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	3.0	ug/L	1
034301	Chlorobenzene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034311	Chloroethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	10.0	ug/L	1
032106	Chloroform	Grab	N	EPA 8260	04/26/2018 21:07	0.59 I ug/L	0.50	1.0	ug/L	1
034418	Chloromethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.62 ug/L	0.62	1.0	ug/L	1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.26 ug/L	0.26	2.0	ug/L	1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034423	Methylene Chloride	Grab	N	EPA 8260	04/26/2018 21:07	<2.5 ug/L	2.5	5.0	ug/L	1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
039180	Trichloroethene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
039175	Vinyl chloride	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/26/2018 21:07	<0.25 ug/L	0.25	0.50	ug/L	1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/26/2018 21:07	<0.50 ug/L	0.50	1.0	ug/L	1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/26/2018 21:07	<0.25 ug/L	0.25	0.50	ug/L	1
	Petroleum Range Organics	Grab	N	FL-PRO	04/25/2018 01:50	<0.80 mg/L	0.80	1.0	mg/L	1

Pace Analytical Services, Inc.

Project Name : Central County Transfer Statio
 Diameter (in) :
 Depth to Water (ft) :
 Total Depth (ft) :
 Top of Casing (ft) :

Order # : 35386915002
 Sheen : No sheen
 Color : Light yellow
 Odor : None
 Matrix : Surface Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC09
 Well Name : CTSW-1
 Classification of Ground Water : SW-III F
 Groundwater Elevation (NGVD) : _____

Sampling Date/Time : 04/18/2018 11:30
 Report Period : 2018/Q2
 Well Purge (Y/N) : N
 Well Type : () Background () Compliance
 () Intermediat (X) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	

FIELD PARAMETERS

000537	Field Specific Conductance	Grab	N		04/18/2018 11:30	231 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/18/2018 11:30	28.1 deg C			deg C	1
000664	Field pH	Grab	N		04/18/2018 11:30	8.02 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/18/2018 11:30	11.88 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/18/2018 11:30	2.00 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/20/2018 17:54	24.6 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/20/2018 17:54	16.4 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/26/2018 14:21	<0.035 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/26/2018 16:13	0.57 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/19/2018 09:52	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/21/2018 09:24	38.0 mg/L	12.5	20.0	mg/L	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/27/2018 12:33	46.5 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/24/2018 16:51	90.0 mg/L	5.0	5.0	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/20/2018 07:26	<0.099 mg/L	0.099	0.20	mg/L	1

INORGANICS

001002	Arsenic	Grab	N	EPA 6010	04/26/2018 00:41	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/26/2018 00:41	5.5 I ug/L	5.0	10.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/26/2018 00:41	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/26/2018 00:41	<20.0 ug/L	20.0	40.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/26/2018 00:41	16.6 mg/L	0.50	1.0	mg/L	1
001027	Cadmium	Grab	N	EPA 6020	04/25/2018 21:02	<0.050 ug/L	0.050	0.10	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2018 21:02	<0.93 ug/L	0.93	1.0	ug/L	1
000572	Lead	Grab	N	EPA 6020	04/25/2018 21:02	<0.50 ug/L	0.50	1.0	ug/L	1
001147	Selenium	Grab	N	EPA 6020	04/25/2018 21:02	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/25/2018 18:01	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

	Oil and Grease	Grab	N	EPA 1664B	04/25/2018 05:14	4.9 I mg/L	1.1	5.0	mg/L	1
034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.12 ug/L	0.12	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35386915002

Well Name : CTSW-1

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/27/2018 02:19	<0.50c2 ug/L	0.50	40.0	ug/L
032101	Bromodichloromethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.27 ug/L	0.27	0.60	ug/L
032104	Bromoform	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034413	Bromomethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	5.0	ug/L
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	3.0	ug/L
034301	Chlorobenzene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034311	Chloroethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	10.0	ug/L
032106	Chloroform	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034418	Chloromethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.62 ug/L	0.62	1.0	ug/L
032105	Dibromochloromethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.26 ug/L	0.26	2.0	ug/L
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034423	Methylene Chloride	Grab	N	EPA 8260	04/27/2018 02:19	<2.5 ug/L	2.5	5.0	ug/L
034475	Tetrachloroethene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
039180	Trichloroethene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
039175	Vinyl chloride	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/27/2018 02:19	<0.25 ug/L	0.25	0.50	ug/L
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/27/2018 02:19	<0.50 ug/L	0.50	1.0	ug/L
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/27/2018 02:19	<0.25 ug/L	0.25	0.50	ug/L
	Petroleum Range Organics	Grab	N	FL-PRO	04/26/2018 17:00	1.1 mg/L	0.75	0.94	mg/L

Pace Analytical Services, Inc.

Project Name : Central County Transfer Statio
 Diameter (in) :
 Depth to Water (ft) :
 Total Depth (ft) :
 Top of Casing (ft) :

Order # : 35386915003
 Sheen : No Sheen
 Color : Clear
 Odor : No Odor
 Matrix : DI Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : CTSSEB-
 Well Name : METAL TRIP BLANK 041818
 Classification of Ground Water : Equipment Blank
 Groundwater Elevation (NGVD) : _____

Sampling Date/Time : 04/18/2018 00:00
 Report Period : 2018/Q2
 Well Purge (Y/N) : N
 Well Type : () Background () Compliance
 () Intermediat (X) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	

INORGANICS

001002	Arsenic	Grab	N	EPA 6010	04/26/2018 00:45	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/26/2018 00:45	<5.0 ug/L	5.0	10.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/26/2018 00:45	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/26/2018 00:45	<20.0 ug/L	20.0	40.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/26/2018 00:45	<0.50 mg/L	0.50	1.0	mg/L	1
001027	Cadmium	Grab	N	EPA 6020	04/25/2018 21:05	<0.050 ug/L	0.050	0.10	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2018 21:05	<0.93 ug/L	0.93	1.0	ug/L	1
000572	Lead	Grab	N	EPA 6020	04/25/2018 21:05	<0.50 ug/L	0.50	1.0	ug/L	1
001147	Selenium	Grab	N	EPA 6020	04/25/2018 21:05	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/25/2018 18:03	<0.10 ug/L	0.10	0.20	ug/L	1

WO#: 35386915

RD



Face Analytical®
www.faceanalytical.com

PB SWA

Company: 7501 N. Jog Road, WPB, FL 33412

Address: Contact: Thomas Siraa

City: Phone: 561 640-4000 State: Zip:

Alt#: Fax: 561 640-3400

email: Central County Transfer
Project Name: Italian Street and W. 1st

Sampler Signature: Circle One Event: Daily Weekly Monthly Annual N/A

LAB ANALYSIS

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code*	Field Filled	Integrity OK(Y/N)	Total # of containers	Parameters		# of Containers Size/Type	REMARKS
								See page 4 Letter of Parameters	EXAMPLE 6010		
1	CSSE Blank - 4/18/18	4/18/18	11:05	AFW			10			1	Profile 3193
2	CTS W-1	4/18/18	11:30	S			10			1	
3											
4	Metals Trip Blank - 041818						1				
5											
6											
7											
8											
9											
10											

Container Type Codes: AV Ambient Vial, ES Engine Sampler, etc.

Matrix Codes: SD Solid Waste, OL Oil, etc.

Preservative Type Codes: A. None, E. HCL, I. Ice, etc.

COG Condition: OK Incomplete

Required State Certification: FL GA SC NC NJ PA LA TX IL

EDD (Fees May Apply): ADAPT SEDD ERPIMS TSV CSV Other

Received by: [Signature]

Affiliation: [Signature]

Date: 4/18/18 14:00

Time: 17:10

Revision: FALL-C-007-Rev.00

Pompano Lab 954-582-4300

C.O.C. Serial # 114510

CENTRAL COUNTY TRANSFER STATION **SWA PERMIT # C.O.A. – F.5.E. I & II**
Monitoring Wells

- 8 Monitoring Wells: CTMW-1S, CTMW-1I, CTMW-2S, CTMW-2I,
 CTMW-3S, CTMW-3I, CTMW-4S, CTMW-4I
- 1 Field Blank (CTSF-Blank)

Parameters (Matrix: Ground Water)

A. Metals

Arsenic	Chromium	Lead	Sodium
Barium	Copper	Mercury	Selenium
Cadmium		Iron	

B. Indicator Parameters

Ammonia Nitrogen	Foaming Agents (MBAS)	Nitrate N
Total Alkalinity	Sulfide	Odor
C.O.D.	TKN (Total Kjehdahl Nitrogen)	Sulfate
Color	TDS (Total Dissolved Solids)	Chloride
TRPH (Total Recoverable Petroleum Hydrocarbons)		

C. Annual Parameters

EPA Method 8021 (Volatile Organic Compounds & Chlorinated Hydrocarbons)

D. Field Parameters

Conductivity (field)	pH (field)	Temperature (field)
Turbidity (field)	Dissolved Oxygen (field)	

E. Well Information (field)

Well Diameter	Well Depth	Well Casing Elevation
Depth to Water	Water Table Elevation	Volume Evacuated

2012 COC 114511

SOLID WASTE AUTHORITY

DIVISION OF ENVIRONMENTAL PROGRAMS

EQUIPMENT BLANK DATA SHEET

Facility Identification: Central County Transfer Station Facility GMS#

Sample Type: Grab

Sample Name: **CTSSEBLANK-041818** Date: **4-18-18**

Time: **11:05**

Equipment blanks are collected before sampling .
 DI water supplied
 by the Laboratory is poured into the precleaned equipment.
 and then poured into the sample bottles.
 This process is repeated until all sampling bottles are filled.

Notes and Comments

Weather: **SUNNY + WARM**
 Conductivity on scale XUS
 PH < **2.0** in preservative

Field Parameters	Units	Standard Appearance
Temperature:	24.0 C	Color: clean Odor: no odor no sheen
Specific Cond:	4.5 uMHOS/cm	
Redox Potential	-	
PH:	6.67 Std. Units	
Turb:	0.48 NTU	
D.O.	7.60 Mg/L	

Pace DI water LOT#
~~03151841L-830~~
040418-4L-7
 Bucket# **I**
 Beaker# **P**

Sample Container Inventory

Quantity	Size	Type	Preservation	Analysis

Sampled By: *Baonda Daery*

Method of Shipment *Pace*

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: 4-18-18
 WACS Facility ID: **PBCC01**
 WACS Test Site ID: **PBCC09** Time: 11:30

Depth of Sample: ≈ 4-6"
 Description: Adjacent to Storm water structure in pond
 Staff gauge north: - missing
 Staff gauge south: - 7.77
 Master Pump station Meter: 424983

Notes and Comments
 Weather: SUNNY +
WARM
 Conductivity on scale XDS
 PH < 2.0 in preservative

Field Parameters	Units	Standard Appearance
Temperature:	<u>28.1</u> C	Color: <u>light yellow</u> Odor: <u>NONE</u> <u>No sheen</u>
Specific Cond:	uMHOS/cm	
Specific Cond: ATC	<u>231</u> uMHOS/cm	
PH:	<u>8.02</u> Std. Units	
Turb:	<u>2.00</u> NTU	
D.O.	<u>11.88</u> Mg/L	

Bucket# I
 Beaker# P

Sample Container Inventory				
Quantity	Size	Type	Preservation	Analysis

Sampled By: Brenda Perry
[Signature]

Method of Shipment Parcel



Document Name:
Sample Condition Upon Receipt Form
Document No

Document Revised
August 2, 2017
Issuing Authority:
Pace Florida Quality Office

WO# : 35386915

(SCUR)

PM: MIM Due Date: 04/27/18

CLIENT: 36-PBCSWA

Project #
Project Manager:
Client:

Date and Initials of person:

Examining contents: _____
Label: _____
Deliver: _____
pH: _____

Thermometer Used: 9-324 Date: 4/18/18 Time: 17.0 Initials: _____

State of Origin: _____

Cooler #1 Temp.°C 3.1 (Visual) 10.1 (Correction Factor) 3.2 (Actual)
Cooler #2 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

- Samples on ice, cooling process has begun
- Samples on ice, cooling process has begun
- Samples on ice, cooling process has begun
- Samples on ice, cooling process has begun
- Samples on ice, cooling process has begun
- Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground International Priority
 Other _____

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No ^{SP 4/20/18} Seals intact: Yes No ^{SP 4/20/18} Ice: Wet Blue Dry None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples shorted to lab (If Yes, complete) Shorted Date: _____ Shorted Time: _____ Qty: _____

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information Preservative: _____ Lot #/Trace # _____ Date _____ Time _____ Initials _____
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature & Sampler Name COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All Containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC, O&G, Carbamates		
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____