



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

Pace Project Number: 35307014  
Report Period: 2017/Q2

**RECEIVED**  
MAY 22 2017

Client Project ID: Central County Transfer Station

<b>Lab Sample ID</b>	<b>Client Sample ID</b>
35307014001	CTMW-1S
35307014002	CTMW-1I
35307014003	METALS TRIP BLANKS 041817

Sincerely,

A handwritten signature in black ink that reads "Martha Montero".

Martha Montero

**Florida Certifications:**  
E83079 - Ormond Beach  
E86240 - South Florida



## CASE NARRATIVE SUMMARY

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

Pace Project Number: 35307014

Date Received: 04/18/2017

Report Date: 04/28/2017

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N2: The lab does not hold NELAC/TNI accreditation for this parameter.

**Pace Analytical Services, Inc.**

Project Name : Central County Transfer Station  
 Diameter (in) : 2  
 Depth to Water (ft) : 16.49  
 Total Depth (ft) : 36.60  
 Top of Casing (ft) : 22.27

Order # : 35307014001  
 Sheen : None  
 Color : Lt yellow  
 Odor : None  
 Matrix : Ground Water

**PARAMETER MONITORING REPORT**

**Part III Analytical Results**

Facility WACS ID : PBCC01  
 Test Site ID # : PBCC01  
 Well Name : CTMW-1S  
 Classification of Ground Water : G-II  
 Groundwater Elevation (NGVD) : 5.78

Sampling Date/Time : 04/18/2017 10:15  
 Report Period : 2017/Q2  
 Well Purge (Y/N) : Y  
 Well Type : ( ) Background ( X ) Compliance  
 ( ) Intermediat ( ) 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		04/18/2017 10:15	195 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/18/2017 10:15	26.5 deg C			deg C	1
000664	Field pH	Grab	N		04/18/2017 10:15	6.45 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/18/2017 10:15	0.97 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/18/2017 10:15	2.67 NTU			NTU	1

**OTHER**

000593	Chloride	Grab	N	EPA 300.0	04/21/2017 21:12	7.9 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/21/2017 21:12	9.2 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/22/2017 15:05	0.12 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/25/2017 11:25	0.18 1mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/19/2017 09:23	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/24/2017 16:27	<12.5 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	04/20/2017 10:08	<5.0 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	04/18/2017 18:50	<1.0N2 TON	1.0		TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/26/2017 13:48	68.7 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/19/2017 17:01	110 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2017 13:45	0.16 mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/19/2017 13:50	0.12 1mg/L	0.099	0.20	mg/L	1

**INORGANICS**

001002	Arsenic	Grab	N	EPA 6010	04/26/2017 08:30	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/26/2017 08:30	5.9 1ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/26/2017 08:30	<0.50 ug/L	0.50	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/26/2017 08:30	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/26/2017 08:30	475 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/26/2017 08:30	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/26/2017 08:30	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/26/2017 08:30	4.0 mg/L	0.50	1.0	mg/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2017 15:16	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/21/2017 18:59	<0.10 ug/L	0.10	0.20	ug/L	1

**ORGANICS**

	Petroleum Range Organics	Grab	N	FL-PRO	04/24/2017 12:12	<0.80 mg/L	0.80	1.0	mg/L	1
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**Pace Analytical Services, Inc.**

Project Name : Central County Transfer Station  
 Diameter (in) : 2  
 Depth to Water (ft) : 16.57  
 Total Depth (ft) : 69.30  
 Top of Casing (ft) : 22.31

Order # : 35307014002  
 Sheen : None  
 Color : Lt yellow  
 Odor : None  
 Matrix : Ground Water

**PARAMETER MONITORING REPORT**

Part III Analytical Results

Facility WACS ID : PBCC01  
 Test Site ID # : PBCC02  
 Well Name : CTMW-1I  
 Classification of Ground Water : G-II  
 Groundwater Elevation (NGVD) : 5.74

Sampling Date/Time : 04/18/2017 10:26  
 Report Period : 2017/Q2  
 Well Purge (Y/N) : Y  
 Well Type : ( ) Background ( X ) Compliance  
 ( ) Intermediat ( ) 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		04/18/2017 10:25	552 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/18/2017 10:25	27.0 deg C			deg C	1
000664	Field pH	Grab	N		04/18/2017 10:25	6.38 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/18/2017 10:25	0.85 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/18/2017 10:25	1.89 NTU			NTU	1

**OTHER**

000593	Chloride	Grab	N	EPA 300.0	04/21/2017 21:32	25.1 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/21/2017 21:32	29.7 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/22/2017 15:10	0.33 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/26/2017 12:53	0.66 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/19/2017 09:37	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/24/2017 16:27	41.9 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	04/20/2017 10:08	70.0 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	04/18/2017 18:50	<1.0N2 TON	1.0		TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/26/2017 13:53	197 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/19/2017 17:02	350 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2017 13:45	0.20 mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/19/2017 13:50	<0.099 mg/L	0.099	0.20	mg/L	1

**INORGANICS**

001002	Arsenic	Grab	N	EPA 6010	04/26/2017 08:34	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/26/2017 08:34	18.6 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/26/2017 08:34	<0.50 ug/L	0.50	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/26/2017 08:34	2.7 Iug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/26/2017 08:34	1360 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/26/2017 08:34	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/26/2017 08:34	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/26/2017 08:34	17.8 mg/L	0.50	1.0	mg/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2017 15:30	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/25/2017 17:03	<0.10 ug/L	0.10	0.20	ug/L	1

**ORGANICS**

	Petroleum Range Organics	Grab	N	FL-PRO	04/24/2017 12:12	<0.80 mg/L	0.80	1.0	mg/L	1
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**Pace Analytical Services, Inc.**

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

Order # : 35307014003  
 Sheen :  
 Color :  
 Odor :  
 Matrix : DI Water

**PARAMETER MONITORING REPORT**

Part III Analytical Results

Facility WACS ID : PBCC01  
 Test Site ID # : NA  
 Well Name : METALS TRIP BLANKS 041817  
 Classification of Ground Water : Trip Blank  
 Groundwater Elevation (NGVD) : \_\_\_\_\_

Sampling Date/Time : 04/18/2017 00:01  
 Report Period : 2017/Q2  
 Well Purge (Y/N) : N  
 Well Type : ( ) Background ( X ) Compliance  
 ( ) Intermediat ( ) 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	04/26/2017 08:38	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	04/26/2017 08:38	<5.0 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/26/2017 08:38	<0.50 ug/L	0.50	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/26/2017 08:38	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/26/2017 08:38	<20.0 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/26/2017 08:38	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/26/2017 08:38	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/26/2017 08:38	<0.50 mg/L	0.50	1.0	mg/L	1
001042	Copper	Grab	N	EPA 6020	04/25/2017 15:34	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/25/2017 17:05	<0.10 ug/L	0.10	0.20	ug/L	1

WO#: 35307014



Face Analytical  
www.pacelabs.com

LAB ANALYSIS

Quote: \_\_\_\_\_ Page 1 of 2

LAB ANALYSIS

Company Name: **PB SWA**  
 Address: **7501 N. Jog Road, WPB, FL 33412**  
 City: **West Palm Beach, FL**  
 Alt: **Thomas Sirna**  
 Phone: **561-640-4000**

Project Name: **Central County by Trans Florida for Wells**  
 Sampler Signature: *Brenda...*  
 Date: **4-18-17**

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

Sample #	Sample ID	Collect Date	Collect Time	Matrix Code	Field Filtered	Integrity OK(Y/N)	Total # of Containers	Parameters		# of Containers Size/Type	REMARKS
								TRC	pH		
1	CTMw-1S	4-18-17	10:15	GW			8			1	16ozP
2	CTMw-1E	4-18-17	10:20	GW			8			1	16ozP
3											
4											
5	Metals Tap	4-18-17		M+H			1			1	16ozP
6											
7											
8											
9											
10											

See page Letter of: \_\_\_\_\_

Container Type Codes:  
 ES Enviro Sampler  
 AV Amber Vial  
 PPV Prepreserved vial  
 P Plastic  
 AL Amber Lbr  
 CL Clear Lbr  
 AG Amber Glass  
 SJ Soil Jar  
 Other: \_\_\_\_\_

Matrix Codes:  
 SD Solid Waste  
 GW Ground Water  
 LW Leachate  
 WW Waste Water  
 DW Drinking Water  
 SW Surface Water  
 ML Misc. Liquid

Preservative Type Codes:  
 A. None  
 B. HNO3  
 C. H2SO4  
 D. NaOH  
 E. HCL  
 F. MeOH  
 G. Na2S2O3  
 H. NaHSO4  
 I. Ice  
 J. MCAA  
 K. Zn Acetate  
 L. Other

REMARKS: 395

COOLERS #s - Temp °C  
 1 \_\_\_ 2 \_\_\_ 3 \_\_\_ 4 \_\_\_ 5 \_\_\_

C.O.C. Serial # 115287

Revision: F-FALL-C-007 - Rev.00

Pompano Lab 954-582-4300

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

2 of 2 COC # 115287

## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC02	DATE: <b>4-18-17</b>
WELL NO: <b>CTMW-1I</b>	Well Type: Compliance	Well Location: North of retention Pond	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>22.31</b>	Static Depth To Water (ft): <b>16.57</b>	Water Table Elevation NGVD (ft): <b>5.74</b>	Column Height (ft): <b>52.73</b>	Total Well Depth (ft): <b>69.30</b>					
WELLDIAMETER (in): <b>2" PVC</b>									
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>9</b>									
WELL CAPACITY (gal/ft): <b>0.16</b> = ( <b>69.30</b> - <b>16.57</b> - <b>52.73</b> ) X <b>0.16</b> = <b>8.43</b> GALLONS									
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>10:00</b>	PURGE ENDED AT: <b>10:25</b>	TOTAL VOL. PURGED (gal): <b>27</b>					
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	1.08	16.99	6.10	26.8	543	1.10	20.0
1	9	18	1.08	16.97	6.20	26.8	552	0.93	4.85
1	9	27	1.08	16.99	6.38	27.0	552	0.85	1.89
<b>FINAL FIELD VALUES →</b>				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.38	27.0	552	0.85	1.89
Color: <b>Yellow</b>	Odor: <b>None</b>	Sheen: <b>None</b>	Comments						
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): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>10:26</b>	SAMPLING ENDED AT: <b>10:31</b>	Weather: <b>Partly sunny COOL Breezy</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <input checked="" type="radio"/> <b>N</b>				
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			< 2.0
2	HDPE		H2SO4			
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Brenda Downey McLoane</b>			SAMPLER(S) SIGNATURE(S) <b>Brenda Downey McLoane</b>			



## Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC01	DATE: <b>4-18-17</b>
WELL NO: <b>CTMW-1S</b>	Well Type: <b>Compliance</b>	Well Location: <b>North of retention Pond</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>22.27</b>	Static Depth To Water (ft): <b>16.49</b>	Water Table Elevation NGVD (ft): <b>5.78</b>	Column Height (ft): <b>20.01</b>	Total Well Depth (ft): <b>36.60'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>4</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	= (36.60 - 16.49 = 20.01) X 0.16 = <b>3.20</b> GALLONS								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>10:00</b>	PURGE ENDED AT: <b>10:14</b>	TOTAL VOL. PURGED (gal): <b>12</b>					
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	0.86	16.65	6.25	26.3	195	0.84	1.31
1	4	8	0.86	14.69	6.44	26.5	199	0.81	3.15
1	4	12	0.86	16.69	6.45	26.5	195	0.97	2.67
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
<b>FINAL FIELD VALUES →</b>					6.45	26.5	195	0.97	2.67
Color:	Odor:	Sheen:	Comments						
<b>Yellow</b>	<b>None</b>	<b>None</b>							
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): <b>Redi-flo Pump</b>	SAMPLING INITIATED AT: <b>10:15</b>	SAMPLING ENDED AT: <b>10:20</b>	Weather: <b>Partly sunny cool Breezy</b>	
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <b>(N)</b>		
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	
			TOTAL VOLUME ADDED IN FIELD (mL)	
1	HDPE	1-LITER	HNO3	Metals
2	HDPE		H2SO4	Ammonia
				2.0
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)				
SAMPLED BY (PRINT): <b>Brenda Downey</b>			SAMPLER(S) SIGNATURE(S): <b>Brenda Downey</b>	

**Sample Condition Upon Receipt Form (SCUR)**

Project Manager: **WO# : 35307014**  
 Client: **PM: MIM**      Due Date: **04/27/17**  
**CLIENT: 36-PBCSWA**

Date and Initials of person:  
 Examining contents: \_\_\_\_\_  
 Label: \_\_\_\_\_  
 Deliver: \_\_\_\_\_  
 pH: \_\_\_\_\_

Thermometer Used: F-315      Date: 4/18/17      Time: \_\_\_\_\_      Initials: [Signature]

Samples shorted to lab (If Yes, complete)      Shorted Date: N/A      Shorted Time: \_\_\_\_\_      Qty: \_\_\_\_\_

- |  |  |
|--|--|
| Cooler #1 Temp.°C <u>2.3</u> (Visual) <u>0.1</u> (Correction Factor) <u>2.4</u> (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #2 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)                | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)                | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)                | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)                | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)                | <input type="checkbox"/> 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     Other \_\_\_\_\_

Billing:     Recipient     Sender     Third Party     Unknown

Tracking # \_\_\_\_\_

Custody Seal on Cooler/Box Present:     Yes     No      Seals Intact:     Yes     No      Ice: Wet    Blue    None

Packing Material:     Bubble Wrap     Bubble Bags     None     Other \_\_\_\_\_

**Comments:**

Chain of Custody Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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 checked="" 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 checked="" 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	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: VOA, Coliform, TOC, O&G, Carbamates	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? ( >6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present:	<input checked="" 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: \_\_\_\_\_