



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

Pace Project Number: 3549790  
Report Period: 2012/Q1

Client Project ID: Central Transfer Station GW

Lab Sample ID	Client Sample ID
3549790001	CTMW-4S
3549790002	CTMW-4I
3549790003	CTMW-FD-021312
3549790004	CTMW-3S
3549790005	CTMW-3I
3549790006	Metals Trip Blank 021312

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JUL 30 2012  
**RECEIVED**

Sincerely,

Martha Montero

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



## CASE NARRATIVE SUMMARY

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

Pace Project Number:3549790

Date Received:02/13/2012

Report Date:07/30/2012

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Order #: 3549790001

Pace Analytical Services, Inc.

Client: Palm Beach Solid Waste Authority

Diameter (in): 2

Project Name: Central Transfer Station

Depth to Water (ft): 13.00

Sheen: No sheen

Total Depth (ft): 32.45

Color: Lt yellow

Top of Casing (ft): 20.95

Odor: No odor

Evacuation (gal): 18

Matrix: Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: Permit COAF5E I & II

Sampling Date/Time: 02/13/2012 11:28

Test Side ID #: PBCC07

Report Period: 2012/Q1

Well Name: CTMW-4S

Well Purge (Y/N): Y

Classification of Ground Water: G-II

Well Type: ( ) Background

Groundwater Elevation (NGVD): 7.95

( ) Intermediate

( X ) Compliance

( ) 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		02/13/2012 11:28	406 umhos/cm	1.0	1.0	umhos/cm	1
000010	Field Temperature	Grab	N		02/13/2012 11:28	25.3 deg C	0.50	0.50	deg C	1
000664	Field pH	Grab	N		02/13/2012 11:28	6.62 Std. Units	0.10	0.10	Std. Units	1
082078	Turbidity	Grab	N		02/13/2012 11:28	2.04 NTU	1.0	1.0	NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	02/14/2012 11:15	16.7 mg/L	2.5	5.0	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300.0	02/15/2012 11:22	<0.025 mg/L	0.025	0.050	mg/L	1
	Nitrogen, NO2 plus NO3	Grab	N	EPA 300.0	02/15/2012 11:22	<0.025 mg/L	0.025	0.050	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	02/14/2012 11:15	21.1 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	02/15/2012 09:21	0.093 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	02/16/2012 11:40	0.48 mg/L	0.086	0.50	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	02/15/2012 15:38	41.6 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	02/15/2012 10:55	120 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	02/13/2012 18:45	8.0 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	02/17/2012 09:20	146 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	02/17/2012 13:19	262 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2E	02/15/2012 10:30	<1.0 mg/L	1.0	1.0	mg/L	1
	Surfactants	Grab	N	SM 5540C	02/14/2012 21:00	0.12 mg/L	0.059	0.20	mg/L	1

INORGANICS

001002	Arsenic	Grab	N	EPA 6010	02/15/2012 06:19	10.9 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:19	25.2 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:19	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:19	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:19	1280 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:19	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:19	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:19	12.2 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 09:36	3.3 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	02/14/2012 09:34	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

	Total Petroleum Hydrocarbons	Grab	N	EPA 1664A	02/22/2012 16:35	<1.4 mg/L	1.4	5.1	mg/L	1
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Order #: 3549790002

Pace Analytical Services, Inc.

Client: Palm Beach Solid Waste Authority

Diameter (in): 2  
Depth to Water (ft): 13.10  
Total Depth (ft): 69.42  
Top of Casing (ft): 21.07  
Evacuation (gal): 29

Project Name: Central Transfer Station  
Sheen: None  
Color: Lt Yellow  
Odor: None  
Matrix: Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS #: Permit COAF5E I & II  
Test Side ID #: PBCC08  
Well Name: CTMW-4I  
Classification of Ground Water: G-II  
Groundwater Elevation (NGVD): 7.97

Sampling Date/Time: 02/13/2012 11:17  
Report Period: 2012/Q1  
Well Purge (Y/N): Y  
Well Type: ( ) Background  
( ) Intermediate  
( X ) Compliance  
( ) 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		02/14/2012 17:31	488 umhos/cm	1.0	1.0	umhos/cm	1
000010	Field Temperature	Grab	N		02/14/2012 17:31	25.7 deg C	0.50	0.50	deg C	1
000664	Field pH	Grab	N		02/14/2012 17:31	6.77 Std. Units	0.10	0.10	Std. Units	1
082078	Turbidity	Grab	N		02/14/2012 17:31	0.31 NTU	1.0	1.0	NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	02/14/2012 11:51	27.6 mg/L	2.5	5.0	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300.0	02/14/2012 11:51	<0.025 mg/L	0.025	0.050	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	02/14/2012 11:51	20.0 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	02/15/2012 09:22	0.14 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	02/16/2012 11:42	0.44 l mg/L	0.086	0.50	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	02/15/2012 15:38	28.3 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	02/15/2012 10:55	80.0 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	02/13/2012 18:45	8.0 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	02/17/2012 09:26	177 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	02/17/2012 13:20	302 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2E	02/15/2012 10:30	<1.0 mg/L	1.0	1.0	mg/L	1
	Surfactants	Grab	N	SM 5540C	02/14/2012 21:00	0.12 l mg/L	0.059	0.20	mg/L	1

INORGANICS

001002	Arsenic	Grab	N	EPA 6010	02/15/2012 06:23	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:23	8.1 l ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:23	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:23	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:23	497 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:23	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:23	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:23	19.5 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 09:47	2.6 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	02/14/2012 09:37	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

	Total Petroleum Hydrocarbons	Grab	N	EPA 1664A	02/22/2012 16:33	<1.5 mg/L	1.5	5.2	mg/L	1
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Order #: 3549790003

Pace Analytical Services, Inc.

Client: Palm Beach Solid Waste Authority

Project Name: Central Transfer Station

Diameter (in): 2

Sheen: None

Depth to Water (ft): 13.00

Color: Lt Yellow

Total Depth (ft): 32.45

Odor: None

Top of Casing (ft): 20.95

Matrix: Ground Water

Evacuation (gal): 18

**PARAMETER MONITORING REPORT**

Part III Analytical Results

Facility GMS #: Permit COAF5E I & II  
 Test Side ID #: NA  
 Well Name: CTMW-FD-021312  
 Classification of Ground Water: Field Duplicate  
 Groundwater Elevation (NGVD): 7.95

Sampling Date/Time: 02/13/2012 00:00  
 Report Period: 2012/Q1  
 Well Purge (Y/N): Y  
 Well Type: ( ) Background  
 ( ) Intermediate  
 ( X ) Compliance  
 ( ) 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		02/13/2012 00:00	406 umhos/cm	1.0	1.0	umhos/cm	1
000010	Field Temperature	Grab	N		02/13/2012 00:00	25.3 deg C	0.50	0.50	deg C	1
000664	Field pH	Grab	N		02/13/2012 00:00	6.62 Std. Units	0.10	0.10	Std. Units	1
082078	Turbidity	Grab	N		02/13/2012 00:00	2.04 NTU	1.0	1.0	NTU	1

**OTHER**

000593	Chloride	Grab	N	EPA 300.0	02/14/2012 12:03	16.7 mg/L	2.5	5.0	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300.0	02/14/2012 12:03	<0.025 mg/L	0.025	0.050	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	02/14/2012 12:03	21.3 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	02/15/2012 09:23	0.093 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	02/16/2012 11:43	0.46 mg/L	0.086	0.50	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	02/15/2012 15:38	36.0 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	02/14/2012 18:00	120 units	10.0	10.0	units	2
	Threshold Odor Number	Grab	N	SM 2150B	02/13/2012 18:45	8.0 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	02/17/2012 09:31	147 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	02/17/2012 13:21	274 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2E	02/15/2012 10:30	<1.0 mg/L	1.0	1.0	mg/L	1
	Surfactants	Grab	N	SM 5540C	02/14/2012 21:00	0.13 mg/L	0.059	0.20	mg/L	1

**INORGANICS**

001002	Arsenic	Grab	N	EPA 6010	02/15/2012 06:28	11.3 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:28	25.2 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:28	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:28	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:28	1290 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:28	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:28	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:28	12.1 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 09:56	3.2 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	02/14/2012 09:46	<0.10 ug/L	0.10	0.20	ug/L	1

**ORGANICS**

	Total Petroleum Hydrocarbons	Grab	N	EPA 1664A	02/22/2012 16:34	<1.4 mg/L	1.4	5.1	mg/L	1
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Order #: 3549790004

Pace Analytical Services, Inc.

Client: Palm Beach Solid Waste Authority

Project Name: Central Transfer Station

Diameter (in): 2

Sheen: None

Depth to Water (ft): 15.10

Color: Lt yellow

Total Depth (ft): 36.30

Odor: None

Top of Casing (ft): 23.35

Matrix: Ground Water

Evacuation (gal): 12

**PARAMETER MONITORING REPORT**

Part III Analytical Results

Facility GMS #: Permit COAF5E I & II  
 Test Side ID #: PBCC05  
 Well Name: CTMW-3S  
 Classification of Ground Water: G-II  
 Groundwater Elevation (NGVD): 8.25

Sampling Date/Time: 02/13/2012 12:21  
 Report Period: 2012/Q1  
 Well Purge (Y/N): Y  
 Well Type: ( ) Background  
 ( ) Intermediate  
 ( X ) Compliance  
 ( ) 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		02/13/2012 12:21	333 umhos/cm	1.0	1.0	umhos/cm	1
000010	Field Temperature	Grab	N		02/13/2012 12:21	25.1 deg C	0.50	0.50	deg C	1
000664	Field pH	Grab	N		02/13/2012 12:21	6.98 Std. Units	0.10	0.10	Std. Units	1
082078	Turbidity	Grab	N		02/13/2012 12:21	1.01 NTU	1.0	1.0	NTU	1

**OTHER**

000593	Chloride	Grab	N	EPA 300.0	02/14/2012 12:16	20.4 mg/L	2.5	5.0	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300.0	02/14/2012 12:16	0.67 mg/L	0.025	0.050	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	02/14/2012 12:16	22.6 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	02/15/2012 09:24	<0.020 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	02/16/2012 11:44	<0.086 mg/L	0.086	0.50	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	02/15/2012 15:38	<12.5 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	02/15/2012 10:55	5.0 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	02/13/2012 19:20	8.0 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	02/17/2012 09:36	93.8 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	02/17/2012 13:22	200 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2E	02/15/2012 10:30	<1.0 mg/L	1.0	1.0	mg/L	1
	Surfactants	Grab	N	SM 5540C	02/14/2012 21:00	0.084 mg/L	0.059	0.20	mg/L	1

**INORGANICS**

001002	Arsenic	Grab	N	EPA 6010	02/15/2012 06:32	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:32	9.4 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:32	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:32	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:32	38.6 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:32	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:32	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:32	13.2 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 09:59	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	03/02/2012 11:35	<0.10 ug/L	0.10	0.20	ug/L	1

**ORGANICS**

	Total Petroleum Hydrocarbons	Grab	N	EPA 1664A	02/22/2012 16:37	<1.4 mg/L	1.4	5.1	mg/L	1
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Order # : 3549790005

Pace Analytical Services, Inc.

Client : Palm Beach Solid Waste Authority

Project Name : Central Transfer Station

Diameter (in) : 2

Sheen : None

Depth to Water (ft) : 15.11

Color : Lt yellow

Total Depth (ft) : 72.46

Odor : None

Top of Casing (ft) : 23.34

Matrix : Ground Water

Evacuation (gal) : 29

**PARAMETER MONITORING REPORT**

Part III Analytical Results

Facility GMS # : Permit COAF5E I & II  
 Test Side ID # : PBCC06  
 Well Name : CTMW-3I  
 Classification of Ground Water : G-II  
 Groundwater Elevation (NGVD) : 8.23

Sampling Date/Time : 02/13/2012 12:34  
 Report Period : 2012/Q1  
 Well Purge (Y/N) : Y  
 Well Type : ( ) Background  
 ( ) Intermediate  
 ( X ) Compliance  
 ( ) 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		02/13/2012 12:34	502 umhos/cm	1.0	1.0	umhos/cm	1
000010	Field Temperature	Grab	N		02/13/2012 12:34	24.7 deg C	0.50	0.50	deg C	1
000664	Field pH	Grab	N		02/13/2012 12:34	6.68 Std. Units	0.10	0.10	Std. Units	1
082078	Turbidity	Grab	N		02/13/2012 12:34	0.29 NTU	1.0	1.0	NTU	1

**OTHER**

000593	Chloride	Grab	N	EPA 300.0	02/19/2012 21:23	27.7 mg/L	2.5	5.0	mg/L	1
000620	Nitrate as N	Grab	N	EPA 300.0	02/14/2012 17:19	<0.025 mg/L	0.025	0.050	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	02/19/2012 21:23	46.3 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	02/15/2012 09:25	0.72 mg/L	0.020	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	02/16/2012 11:46	0.85 mg/L	0.086	0.50	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	02/15/2012 15:38	<12.5 mg/L	12.5	20.0	mg/L	1
	True Color	Grab	N	SM 2120B	02/15/2012 10:55	10.0 units	5.0	5.0	units	1
	Threshold Odor Number	Grab	N	SM 2150B	02/13/2012 19:20	8.0 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	02/17/2012 09:53	158 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	02/17/2012 13:22	299 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2E	02/15/2012 10:30	<1.0 mg/L	1.0	1.0	mg/L	1
	Surfactants	Grab	N	SM 5540C	02/14/2012 21:00	0.12 I mg/L	0.059	0.20	mg/L	1

**INORGANICS**

001002	Arsenic	Grab	N	EPA 6010	02/15/2012 06:44	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:44	8.5 I ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:44	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:44	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:44	797 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:44	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:44	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:44	15.0 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 10:01	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	02/14/2012 09:52	<0.10 ug/L	0.10	0.20	ug/L	1

**ORGANICS**

	Total Petroleum Hydrocarbons	Grab	N	EPA 1664A	02/22/2012 16:36	<1.4 mg/L	1.4	5.1	mg/L	1
--	------------------------------	------	---	-----------	------------------	-----------	-----	-----	------	---

Order # : 3549790006

Pace Analytical Services, Inc.

Client : Palm Beach Solid Waste Authority

Project Name : Central Transfer Station

Diameter (in) :

Sheen :

Depth to Water (ft) :

Color :

Total Depth (ft) :

Odor :

Top of Casing (ft) :

Matrix : DI Water

Evacuation (gal) :

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility GMS # : Permit COAF5E I & II

Sampling Date/Time : 02/13/2012 00:00

Test Side ID # : NA

Report Period : 2012/Q1

Well Name : Metals Trip Blank 021312

Well Purge (Y/N) : N

Classification of Ground Water : Trip Blank

Well Type : ( ) Background

Groundwater Elevation (NGVD) :

( ) Intermediate

( ) Compliance

( 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	02/15/2012 06:48	<5.0 ug/L	5.0	10.0	ug/L	1
001007	Barium	Grab	N	EPA 6010	02/15/2012 06:48	<5.0 ug/L	5.0	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	02/15/2012 06:48	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6010	02/15/2012 06:48	<2.5 ug/L	2.5	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	02/15/2012 06:48	<20.0 ug/L	20.0	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	02/15/2012 06:48	<5.0 ug/L	5.0	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	02/15/2012 06:48	<7.5 ug/L	7.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	02/15/2012 06:48	<0.50 mg/L	0.50	1.0	mg/L	1
001034	Chromium	Grab	N	EPA 6020	02/16/2012 10:03	<0.50 ug/L	0.50	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	02/14/2012 09:54	<0.10 ug/L	0.10	0.20	ug/L	1





# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1  
 1533858

**Section A**  
 Required Client Information:  
 Company: PB SWA  
 Address: 7501 N. 105th Rd  
WPB Fl 33412  
 Email To: \_\_\_\_\_  
 Phone: 571-640-4000 Fax: 640-346  
 Requested Due Date (A/T): \_\_\_\_\_

**Section B**  
 Required Project Information:  
 Report To: Thomas Sruc  
 Copy To: \_\_\_\_\_  
 Purchase Order No.: \_\_\_\_\_

**Section C**  
 Invoice Information:  
 Attention: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Pace Quote Reference: \_\_\_\_\_  
 Pace Project Manager: \_\_\_\_\_  
 Pace Profile #: \_\_\_\_\_

**REGULATORY AGENCY**  
 NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_

Site Location  
 STATE: \_\_\_\_\_

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Y/N	Requested Analysis Filtered (Y/N)	Temp in °C	Received on	Custody	Sealed Cooler	Samples Intact
			COMPOSITE START	COMPOSITE END/GRAB												
1	CTM W-4S	Drinking Water			G											
2	CTM W-4T	Water			G											
3	CTM W-ED-021312	Product			G											
4	CTM W-3S	Soil/Solid			G											
5	CTM W-3T	Oil			G											
6	Matrix Trip Blanks 021312	Wipe			G											
7		Air														
8		Tissue														
9		Other														
10																
11																
12																

Relinquished By / Affiliation: Brenda Joerney DATE: 3/13/12 TIME: 16:00

Accepted By / Affiliation: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

Residual Chlorine (Y/N): \_\_\_\_\_

Pace Project No. / Lab I.D.: See field data for speed geometry

Signature of Sampler: Brenda Joerney DATE Signed (MM/DD/YY): 3/13/12

Print Name of Sampler: Brenda Joerney

Signature of Sampler: Brenda Joerney

ORIGINAL

**CENTRAL COUNTY TRANSFER STATION MONITORING WELLS**

**SWA PERMIT # C.O.A.F.5.E I & II**

8 Monitoring Wells: CTMW-1S, CTMW-1I, CTMW-2S, CTMW-2I, CTMW-3S, CTMW-3I,  
CTMW-4S, CTMW-4I

1 Field Duplicate CTSFD-

1 Field Blank (CTSFB-) Optional\*

**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	Hydrogen Sulfide	Odor
C.O.D.	TKN (Total Kjehdahl Nitrogen)	Sulfate
Color	TDS (Total Dissolved Solids)	Chloride
TRPH (Total Recoverable Petroleum Hydrocarbons)		

**C. Field Parameters**

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

**D. Well Information (field)**

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

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

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC07</b>	DATE: <b>2-13-12</b>
WELL NO: <b>CTMW-4S</b>	Well Type: <b>Compliance</b>	Well Location: <b>Park on Hillside Drive</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>20.95</b>	Static Depth To Water (ft): <b>13.00</b>	Water Table Elevation NGVD (ft): <b>7.95</b>	Column Height (ft): <b>19.45</b>	Total Well Depth (ft): <b>32.45'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3 1/2</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	= ( <b>32.45'</b> - <b>13.00</b> ) X <b>0.16</b> = <b>3.11</b> GALLONS								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>10:46</b>	PURGE ENDED AT: <b>11:27</b>	TOTAL VOL. PURGED (gal): <b>18</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	3.5	3.5	.45	13.10	6.23	24.6	389	.84	9.32
1	3.5	7.0	.45	13.10	6.33	25.5	401	.75	5.82
1	3.5	10.5	.45	13.10	6.55	25.5	402	.63	3.39
1	3.5	14	.45	13.10	6.56	25.4	407	.72	2.64
1	3.5	17.5	.45	13.10	6.62	25.3	406	.61	2.04
<b>FINAL FIELD VALUES →</b>				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
					6.62	25.3	406	-	2.04
Color: <b>lt 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>11:28</b>	SAMPLING ENDED AT: <b>11:38</b>	Weather: <b>pt sunny, very cool</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>(Y) 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			Metals
2	HDPE		H2SO4		<b>2.0</b>	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): <b>B. Downey M Alvarez</b>			SAMPLER(S) SIGNATURE(S): <b>Brenda Downey</b>			

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

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC08</b>	DATE: <b>2-13-12</b>
WELL NO: <b>CTMW-4I</b>	Well Type: <b>Compliance</b>	Well Location: <b>Park on Hillside Drive</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>21.07</b>	Static Depth To Water (ft): <b>13.10</b>	Water Table Elevation NGVD (ft): <b>7.97</b>	Column Height (ft): <b>56.32</b>	Total Well Depth (ft): <b>69.42'</b>						
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>9 1/2</b>									
WELL CAPACITY (gal/ft): <b>0.16</b>	= ( <b>69.42' - 13.10 = 56.32</b> ) X <b>0.16 = 9.01</b> GALLONS									
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>10:47</b>	PURGE ENDED AT: <b>11:16</b>	TOTAL VOL. PURGED (gal): <b>29</b>						
WELL VOL. 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	9.5	9.5	1.0	13.52	6.57	25.7	487	1.73	1.19	
1	9.5	19	1.0	13.52	6.77	25.8	485	.70	1.46	
1	9.5	28.5	1.0	13.52	6.77	25.7	488	1.90	1.31	
<b>FINAL FIELD VALUES →</b>					ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
						6.77	25.7	488	—	0.31
Color: <b>17.4 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>11:17</b>	SAMPLING ENDED AT: <b>11:27</b>	Weather: <b>Partly sunny very cool</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	HDPE		H2SO4		<b>2.0</b>	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): <b>B Downey MAJvarez</b>			SAMPLER(S) SIGNATURE(S): <b>Brenda Downey</b>			

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

SITE NAME: <b>Central County Transfer Station</b>		Facility GMS#:	DATE: <b>2/13/2</b>
WELL NO: <b>CTCFD -021312</b>	Well Type: <b>Compliance</b>	Monitoring Well GMS#:	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft):	Static Depth To Water (ft):	Water Table Elevation NGVD (ft):	Column Height (ft):	Total Well Depth (ft):					
WELLDIAMETER (in): <b>2" PVC</b>		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =							
WELL CAPACITY (gal/ft): <b>0.16</b>		= (      -      ) X <b>0.16</b> = <b>GALLONS</b>							
PURGE METHOD: <b>Redi-flo</b>			PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):				
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)
<b>FINAL FIELD VALUES →</b>				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
Color:	Odor:	Sheen:	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:		SAMPLING ENDED AT:		Weather: <b> </b>	
FIELD DECONTAMINATION: <b>No</b>			FIELD-FILTERED: <b>No</b>			DUPLICATE: <b>Y 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			Metals	
2	HDPE		H2SO4		<b>2.0</b>	Ammonia	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)							
SAMPLED BY (PRINT) <i>Brenda Osuna</i>				SAMPLER(S) SIGNATURE(S) <i>Brenda Osuna</i>			

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

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC05</b>	DATE: <b>2/13/12</b>
WELL NO: <b>CTMW-3S</b>	Well Type: <b>Compliance</b>	Well Location: <b>South of retention Pond</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>23.35</b>	Static Depth To Water (ft): <b>15.10</b>	Water Table Elevation NGVD (ft): <b>8.25</b>	Column Height (ft): <b>21.2</b>	Total Well Depth (ft): <b>36.30'</b>						
WELLDIAMETER (in): <b>2" PVC</b>	$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} = 4$			<b>GALLONS</b>						
WELL CAPACITY (gal/ft): <b>0.16</b>	$= (36.30 - 15.1 = 21.2) \times 0.16 = 3.39$									
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>12:02</b>	PURGE ENDED AT: <b>12:20</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	.67	15.25	6.90	25.2	333	.87	12.3	
1	4	8	.67	15.25	6.94	25.3	336	.51	2.42	
1	4	12	.67	15.25	6.98	25.1	331	.69	1.01	
<b>FINAL FIELD VALUES →</b>					ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
						6.98	25.1	333	-	1.01
Color: <b>Light 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>12:21</b>	SAMPLING ENDED AT: <b>12:31</b>	Weather: <b>Partly sunny cool</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <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			Metals
2	HDPE		H2SO4		<b>20</b>	Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT): <b>B Downey MA Alvarez</b>				SAMPLER(S) SIGNATURE(S): <b>Brenda Downey</b>		

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

SITE NAME: <b>Central County Transfer Station</b>		WACS Facility ID: <b>PBCC01</b> WACS Test Site ID: <b>PBCC06</b>	DATE: <b>2.13.12</b>
WELL NO: <b>CTMW-3I</b>	Well Type: <b>Compliance</b>	Well Location: <b>South of retention Pond</b>	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FL</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>23.34</b>	Static Depth To Water (ft): <b>15.11</b>	Water Table Elevation NGVD (ft): <b>8.23</b>	Column Height (ft): <b>57.35</b>	Total Well Depth (ft): <b>72.46'</b>					
WELLDIAMETER (in): <b>2" PVC</b>		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>9 1/2</b>							
WELL CAPACITY (gal/ft): <b>0.16</b>		= (72.46' - 15.11 = 57.35) X 0.16 = <b>9.18</b> GALLONS							
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>12:02</b>	PURGE ENDED AT: <b>12:33</b>	TOTAL VOL. PURGED (gal): <b>29</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	9.5	9.5	.936	15.35	6.76	24.6	501	.74	.185
1	9.5	19	.936	15.35	6.86	24.6	512	.87	.34
1	9.5	28.5	.936	15.35	6.68	24.7	502	1.04	.29
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
<b>FINAL FIELD VALUES →</b>					6.68	24.7	502	—	0.29
Color: <b>lt. 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>12:34</b>	SAMPLING ENDED AT: <b>12:44</b>	Weather: <b>Partly Sunny COOL</b>	
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y (N)</b>		
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION		INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	
1	HDPE	1- LITER	HNO3	Metals
2	HDPE		H2SO4	Ammonia
<b>20</b>				
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)				
SAMPLED BY (PRINT): <b>B Downey Alvarez</b>			SAMPLER(S) SIGNATURE(S): <b>B Downey Alvarez</b>	