



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

Pace Project Number: 35461442
Report Period: 2019/Q2

RECEIVED
AUG 04, 2020

Client Project ID: Central Transfer Station Wells

Lab Sample ID	Client Sample ID
35461442001	CTMW-2S
35461442002	CTMW-2I
35461442003	CTMW-3S
35461442004	CTMW-3I
35461442005	CTMW-4S
35461442006	CTMW-4I

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 Transfer Station Wells

Pace Project Number: 35461442

Date Received: 04/15/2019

Report Date: 04/25/2019

J(L1): Estimated Value. Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) 14.30
 Total Depth (ft) : 37.31
 Top of Casing (ft) : 22.15

Order # : 35461442001
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC03
 Well Name : CTMW-2S
 Classification of Ground Water G-II
 Groundwater Elevation 7.85

Sampling Date/Time : 04/15/2019 13:14
 Report Period : 2019/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									
000537	Field Specific Conductance	Grab	N		04/15/2019 13:14	407 umhos/cm		umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 13:14	26.4 deg C		deg C	1
000664	Field pH	Grab	N		04/15/2019 13:14	7.06 Std. Units		Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 13:14	0.92 mg/L		mg/L	1
082078	Turbidity	Grab	N		04/15/2019 13:14	4.53 NTU		NTU	1
OTHER									
000593	Chloride	Grab	N	EPA 300.0	04/24/2019 06:51	36.7 mg/L	2.5	5.0	mg/L 1
000945	Sulfate	Grab	N	EPA 300.0	04/24/2019 06:51	18.4 mg/L	2.5	5.0	mg/L 1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 11:51	0.066 mg/L	0.035	0.050	mg/L 1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:19	0.35 1mg/L	0.086	0.50	mg/L 1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 05:01	<0.025 mg/L	0.025	0.050	mg/L 1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	46.2 mg/L	12.5	20.0	mg/L 1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	2.0N2 TON	1.0	1.0	TON 1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:05	128 mg/L	5.0	5.0	mg/L 1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:30	217 mg/L	5.0	5.0	mg/L 1
000745	Sulfide	Grab	N	SM 4500-S2F	04/17/2019 18:39	0.48 mg/L	0.10	0.10	mg/L 1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 10:21	<0.099 mg/L	0.099	0.20	mg/L 1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	5.0 units	5.0	5.0	units 1
INORGANICS									
001007	Barium	Grab	N	EPA 6010	04/23/2019 13:08	11.4 ug/L	0.84	10.0	ug/L 1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 13:08	<0.33 ug/L	0.33	1.0	ug/L 1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 13:08	<1.7 ug/L	1.7	5.0	ug/L 1
001045	Iron	Grab	N	EPA 6010	04/23/2019 13:08	822 ug/L	9.2	40.0	ug/L 1
000572	Lead	Grab	N	EPA 6010	04/23/2019 13:08	<4.6 ug/L	4.6	10.0	ug/L 1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 13:08	<8.5 ug/L	8.5	15.0	ug/L 1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 13:08	15.9 mg/L	0.27	2.0	mg/L 1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 11:28	2.4 ug/L	0.50	1.0	ug/L 1
001042	Copper	Grab	N	EPA 6020	04/23/2019 11:28	<0.93 ug/L	0.93	1.0	ug/L 1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:33	<0.10 ug/L	0.10	0.20	ug/L 1
ORGANICS									
034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.30 ug/L	0.30	1.0	ug/L 1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.20 ug/L	0.20	0.50	ug/L 1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.30 ug/L	0.30	1.0	ug/L 1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.34 ug/L	0.34	1.0	ug/L 1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:32	<0.27 ug/L	0.27	1.0	ug/L 1

Pace Analytical Services, Inc.

Order # : 35461442001

Well Name : CTMW-2S

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/18/2019 12:32	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/18/2019 12:32	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/18/2019 12:32	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/18/2019 12:32	<4.0v2 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/18/2019 12:32	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/18/2019 12:32	<3.7 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/18/2019 12:32	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.97v2 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.26v2 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/18/2019 12:32	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/18/2019 12:32	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/18/2019 12:32	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/18/2019 12:32	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/18/2019 12:32	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/18/2019 12:32	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/18/2019 12:32	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/18/2019 12:32	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/18/2019 12:32	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:32	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 12:32	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/18/2019 12:32	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/18/2019 12:32	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:32	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 12:32	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 14:47	<0.78 mg/L	0.78	0.97	mg/L 1

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) 14.28
 Total Depth (ft) : 72.65
 Top of Casing (ft) : 22.10

Order # : 35461442002
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : NA
 Well Name : CTMW-2I
 Classification of Ground Water G-II
 Groundwater Elevation 7.82

Sampling Date/Time : 04/15/2019 13:19
 Report Period : 2019/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

000537	Field Specific Conductance	Grab	N		04/15/2019 13:19	419 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 13:19	26.0 deg C			deg C	1
000664	Field pH	Grab	N		04/15/2019 13:19	7.08 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 13:19	1.15 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/15/2019 13:19	0.22 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/23/2019 20:23	22.2 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/23/2019 20:23	8.0 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 11:53	0.096 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:20	0.33 1mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 05:02	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	16.2 1mg/L	12.5	20.0	mg/L	1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	8.0N2 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:15	174 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:30	247 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2019 11:25	<0.10mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 10:21	<0.099mg/L	0.099	0.20	mg/L	1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	10.0 units	5.0	5.0	units	1

INORGANICS

001007	Barium	Grab	N	EPA 6010	04/23/2019 13:11	10.5 ug/L	0.84	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 13:11	<0.33 ug/L	0.33	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 13:11	<1.7 ug/L	1.7	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/23/2019 13:11	835 ug/L	9.2	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/23/2019 13:11	<4.6 ug/L	4.6	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 13:11	<8.5 ug/L	8.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 13:11	14.7 mg/L	0.27	2.0	mg/L	1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 11:30	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/23/2019 11:30	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:35	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.30 ug/L	0.30	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.20 ug/L	0.20	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.30 ug/L	0.30	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.34 ug/L	0.34	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/17/2019 18:16	<0.27 ug/L	0.27	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35461442002

Well Name : CTMW-2I

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/17/2019 18:16	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/17/2019 18:16	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/17/2019 18:16	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/17/2019 18:16	<4.0v1 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/17/2019 18:16	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/17/2019 18:16	<3.7J(L1)v1 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/17/2019 18:16	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.97 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.26 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/17/2019 18:16	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/17/2019 18:16	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/17/2019 18:16	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/17/2019 18:16	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/17/2019 18:16	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/17/2019 18:16	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/17/2019 18:16	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/17/2019 18:16	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/17/2019 18:16	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/17/2019 18:16	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/2019 18:16	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/17/2019 18:16	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/17/2019 18:16	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/17/2019 18:16	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/17/2019 18:16	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 14:47	<0.73 mg/L	0.73	0.91	mg/L 1

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) 15.18
 Total Depth (ft) : 36.30
 Top of Casing (ft) : 23.35

Order # : 35461442003
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC05
 Well Name : CTMW-3S
 Classification of Ground Water G-II
 Groundwater Elevation 8.17

Sampling Date/Time : 04/15/2019 11:08
 Report Period : 2019/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

000537	Field Specific Conductance	Grab	N		04/15/2019 11:08	219 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 11:08	26.2 deg C			deg C	1
000664	Field pH	Grab	N		04/15/2019 11:08	6.86 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 11:08	1.04 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/15/2019 11:08	1.84 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/23/2019 20:46	18.8 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/23/2019 20:46	5.8 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 11:54	<0.035 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:33	0.16 lmg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 04:56	0.25 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	64.1 mg/L	12.5	20.0	mg/L	1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	<1N2 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:20	72.0 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:30	125 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2019 11:33	<0.10mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 08:50	<0.099mg/L	0.099	0.20	mg/L	1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	<5.0units	5.0	5.0	units	1

INORGANICS

001007	Barium	Grab	N	EPA 6010	04/23/2019 13:14	4.3 l ug/L	0.84	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 13:14	<0.33 ug/L	0.33	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 13:14	<1.7 ug/L	1.7	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/23/2019 13:14	30.2 l ug/L	9.2	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/23/2019 13:14	<4.6 ug/L	4.6	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 13:14	<8.5 ug/L	8.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 13:14	7.3 mg/L	0.27	2.0	mg/L	1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 11:40	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/23/2019 11:40	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:37	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.30 ug/L	0.30	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.20 ug/L	0.20	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.30 ug/L	0.30	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.34 ug/L	0.34	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:57	<0.27 ug/L	0.27	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35461442003

Well Name : CTMW-3S

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/18/2019 12:57	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/18/2019 12:57	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/18/2019 12:57	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/18/2019 12:57	<4.0v2 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/18/2019 12:57	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/18/2019 12:57	<3.7 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/18/2019 12:57	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.97v2 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.26v2 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/18/2019 12:57	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/18/2019 12:57	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/18/2019 12:57	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/18/2019 12:57	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/18/2019 12:57	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/18/2019 12:57	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/18/2019 12:57	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/18/2019 12:57	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/18/2019 12:57	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:57	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 12:57	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/18/2019 12:57	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/18/2019 12:57	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 12:57	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 12:57	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 15:18	<0.76 mg/L	0.76	0.95	mg/L 1

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) 15.18
 Total Depth (ft) : 72.46
 Top of Casing (ft) : 23.34

Order # : 35461442004
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC06
 Well Name : CTMW-3I
 Classification of Ground Water G-II
 Groundwater Elevation 8.16

Sampling Date/Time : 04/15/2019 11:12
 Report Period : 2019/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

000537	Field Specific Conductance	Grab	N		04/15/2019 11:12	512 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 11:12	25.8 deg C			deg C	1
000664	Field pH	Grab	N		04/15/2019 11:12	6.80 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 11:12	1.06 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/15/2019 11:12	0.81 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/23/2019 21:08	27.5 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/23/2019 21:08	23.3 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 11:56	0.67 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:38	0.86 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 04:57	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	28.3 mg/L	12.5	20.0	mg/L	1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	1.0N2 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:26	195 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:30	309 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2019 11:40	0.24 mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 10:21	<0.099 mg/L	0.099	0.20	mg/L	1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	20.0 units	5.0	5.0	units	1

INORGANICS

001007	Barium	Grab	N	EPA 6010	04/23/2019 19:30	7.2 ug/L	0.84	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 19:30	<0.33 ug/L	0.33	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 19:30	<1.7 ug/L	1.7	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/23/2019 19:30	749 ug/L	9.2	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/23/2019 19:30	<4.6 ug/L	4.6	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 19:30	<8.5 ug/L	8.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 19:30	24.5 mg/L	0.27	2.0	mg/L	1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 14:10	<0.50 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/23/2019 14:10	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:39	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.30 ug/L	0.30	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.20 ug/L	0.20	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.30 ug/L	0.30	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.34 ug/L	0.34	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:22	<0.27 ug/L	0.27	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35461442004

Well Name : CTMW-3I

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/18/2019 13:22	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/18/2019 13:22	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/18/2019 13:22	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/18/2019 13:22	<4.0v2 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/18/2019 13:22	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/18/2019 13:22	<3.7 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/18/2019 13:22	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.97v2 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.26v2 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/18/2019 13:22	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/18/2019 13:22	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/18/2019 13:22	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/18/2019 13:22	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/18/2019 13:22	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/18/2019 13:22	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/18/2019 13:22	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/18/2019 13:22	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/18/2019 13:22	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:22	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 13:22	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/18/2019 13:22	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/18/2019 13:22	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:22	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 13:22	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 15:18	<0.74 mg/L	0.74	0.93	mg/L 1

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) : 12.90
 Total Depth (ft) : 32.45
 Top of Casing (ft) : 20.95

Order # : 35461442005
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC07
 Well Name : CTMW-4S
 Classification of Ground Water : G-II
 Groundwater Elevation : 8.05

Sampling Date/Time : 04/15/2019 10:21
 Report Period : 2019/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

000537	Field Specific Conductance	Grab	N		04/15/2019 10:21	425 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 10:21	26.7 deg C			deg C	1
000664	Field pH	Grab	N		04/15/2019 10:21	6.60 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 10:21	.81 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/15/2019 10:21	1.60 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/23/2019 21:31	21.0 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/23/2019 21:31	12.8 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 11:58	0.18 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:39	0.67 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 04:49	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	57.3 mg/L	12.5	20.0	mg/L	1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	1.0N2 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:32	172 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:30	235 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2019 11:42	0.32 mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 08:50	<0.099 mg/L	0.099	0.20	mg/L	1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	140 units	10.0	10.0	units	2

INORGANICS

001007	Barium	Grab	N	EPA 6010	04/23/2019 19:33	14.1 ug/L	0.84	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 19:33	<0.33 ug/L	0.33	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 19:33	3.7 1 ug/L	1.7	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/23/2019 19:33	995 ug/L	9.2	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/23/2019 19:33	<4.6 ug/L	4.6	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 19:33	<8.5 ug/L	8.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 19:33	14.2 mg/L	0.27	2.0	mg/L	1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 14:13	2.4 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/23/2019 14:13	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:42	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.30 ug/L	0.30	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.20 ug/L	0.20	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.30 ug/L	0.30	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.34 ug/L	0.34	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:47	<0.27 ug/L	0.27	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35461442005

Well Name : CTMW-4S

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/18/2019 13:47	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/18/2019 13:47	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/18/2019 13:47	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/18/2019 13:47	<4.0v2 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/18/2019 13:47	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/18/2019 13:47	<3.7 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/18/2019 13:47	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.97v2 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.26v2 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/18/2019 13:47	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/18/2019 13:47	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/18/2019 13:47	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/18/2019 13:47	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/18/2019 13:47	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/18/2019 13:47	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/18/2019 13:47	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/18/2019 13:47	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/18/2019 13:47	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:47	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 13:47	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/18/2019 13:47	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/18/2019 13:47	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 13:47	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 13:47	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 15:33	<0.75 mg/L	0.75	0.94	mg/L 1

Pace Analytical Services, Inc.

Project Name : Central Transfer Station Wells
 Diameter (in) : 2
 Depth to Water (ft) 13.05
 Total Depth (ft) : 69.42
 Top of Casing (ft) : 21.07

Order # : 35461442006
 Sheen : None
 Color : Lt yellow
 Odor : None
 Matrix : Ground Water

PARAMETER MONITORING REPORT

Part III Analytical Results

Facility WACS ID : PBCC01
 Test Site ID # : PBCC08
 Well Name : CTMW-4I
 Classification of Ground Water G-II
 Groundwater Elevation 8.02

Sampling Date/Time : 04/15/2019 10:16
 Report Period : 2019/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

000537	Field Specific Conductance	Grab	N		04/15/2019 10:16	486 umhos/cm			umhos/cm	1
000010	Field Temperature	Grab	N		04/15/2019 10:16	26.8 deg C			deg C	1
000664	Field pH	Grab	N		04/15/2019 10:16	6.65 Std. Units			Std. Units	1
000299	Oxygen, Dissolved	Grab	N		04/15/2019 10:16	1.04 mg/L			mg/L	1
082078	Turbidity	Grab	N		04/15/2019 10:16	0.68 NTU			NTU	1

OTHER

000593	Chloride	Grab	N	EPA 300.0	04/23/2019 22:38	24.2 mg/L	2.5	5.0	mg/L	1
000945	Sulfate	Grab	N	EPA 300.0	04/23/2019 22:38	13.5 mg/L	2.5	5.0	mg/L	1
000599	Nitrogen, Ammonia	Grab	N	EPA 350.1	04/23/2019 12:00	0.19 mg/L	0.035	0.050	mg/L	1
000601	Nitrogen, Kjeldahl, Total	Grab	N	EPA 351.2	04/17/2019 13:40	0.47 mg/L	0.086	0.50	mg/L	1
000620	Nitrogen, Nitrate	Grab	N	EPA 353.2	04/16/2019 04:48	<0.025 mg/L	0.025	0.050	mg/L	1
000340	Chemical Oxygen Demand	Grab	N	EPA 410.4	04/23/2019 12:51	31.1 mg/L	12.5	20.0	mg/L	1
	Threshold Odor Number	Grab	N	SM 2150B	04/15/2019 18:10	<1N2 TON	1.0	1.0	TON	1
000410	Alkalinity, Total as CaCO3	Grab	N	SM 2320B	04/23/2019 13:37	197 mg/L	5.0	5.0	mg/L	1
000515	Total Dissolved Solids	Grab	N	SM 2540C	04/16/2019 14:31	268 mg/L	5.0	5.0	mg/L	1
000745	Sulfide	Grab	N	SM 4500-S2F	04/19/2019 11:56	0.40 mg/L	0.10	0.10	mg/L	1
038260	MBAS, Calculated as LAS	Grab	N	SM 5540C	04/17/2019 08:50	<0.099 mg/L	0.099	0.20	mg/L	1
	True Color	Grab	N	SM2120B-01	04/16/2019 17:36	60.0 units	5.0	5.0	units	1

INORGANICS

001007	Barium	Grab	N	EPA 6010	04/23/2019 19:44	8.5 ug/L	0.84	10.0	ug/L	1
001027	Cadmium	Grab	N	EPA 6010	04/23/2019 19:44	<0.33 ug/L	0.33	1.0	ug/L	1
001034	Chromium	Grab	N	EPA 6010	04/23/2019 19:44	<1.7 ug/L	1.7	5.0	ug/L	1
001045	Iron	Grab	N	EPA 6010	04/23/2019 19:44	515 ug/L	9.2	40.0	ug/L	1
000572	Lead	Grab	N	EPA 6010	04/23/2019 19:44	<4.6 ug/L	4.6	10.0	ug/L	1
001147	Selenium	Grab	N	EPA 6010	04/23/2019 19:44	<8.5 ug/L	8.5	15.0	ug/L	1
000929	Sodium	Grab	N	EPA 6010	04/23/2019 19:44	16.1 mg/L	0.27	2.0	mg/L	1
001002	Arsenic	Grab	N	EPA 6020	04/23/2019 14:15	0.57 ug/L	0.50	1.0	ug/L	1
001042	Copper	Grab	N	EPA 6020	04/23/2019 14:15	<0.93 ug/L	0.93	1.0	ug/L	1
000576	Mercury	Grab	N	EPA 7470	04/18/2019 14:48	<0.10 ug/L	0.10	0.20	ug/L	1

ORGANICS

034506	1,1,1-Trichloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.30 ug/L	0.30	1.0	ug/L	1
034516	1,1,2,2-Tetrachloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.20 ug/L	0.20	0.50	ug/L	1
034511	1,1,2-Trichloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.30 ug/L	0.30	1.0	ug/L	1
034496	1,1-Dichloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.34 ug/L	0.34	1.0	ug/L	1
034501	1,1-Dichloroethene	Grab	N	EPA 8260	04/18/2019 14:12	<0.27 ug/L	0.27	1.0	ug/L	1

Pace Analytical Services, Inc.

Order # : 35461442006

Well Name : CTMW-4I

Storet Code	Parameter Monitored	Sampling Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dilution Factor
							MDL	PQL	
ORGANICS									
034536	1,2-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.29 ug/L	0.29	1.0	ug/L 1
034531	1,2-Dichloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.27 ug/L	0.27	1.0	ug/L 1
034541	1,2-Dichloropropane	Grab	N	EPA 8260	04/18/2019 14:12	<0.23 ug/L	0.23	1.0	ug/L 1
034566	1,3-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.33 ug/L	0.33	1.0	ug/L 1
034571	1,4-Dichlorobenzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.28 ug/L	0.28	1.0	ug/L 1
034576	2-Chloroethylvinyl ether	Grab	N	EPA 8260	04/18/2019 14:12	<1.4c2 ug/L	1.4	40.0	ug/L 1
034030	Benzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.30 ug/L	0.30	1.0	ug/L 1
032101	Bromodichloromethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.19 ug/L	0.19	0.60	ug/L 1
032104	Bromoform	Grab	N	EPA 8260	04/18/2019 14:12	<2.6 ug/L	2.6	3.0	ug/L 1
034413	Bromomethane	Grab	N	EPA 8260	04/18/2019 14:12	<4.0v2 ug/L	4.0	5.0	ug/L 1
032102	Carbon tetrachloride	Grab	N	EPA 8260	04/18/2019 14:12	<1.1 ug/L	1.1	3.0	ug/L 1
034301	Chlorobenzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.35 ug/L	0.35	1.0	ug/L 1
034311	Chloroethane	Grab	N	EPA 8260	04/18/2019 14:12	<3.7 ug/L	3.7	10.0	ug/L 1
032106	Chloroform	Grab	N	EPA 8260	04/18/2019 14:12	<0.32 ug/L	0.32	1.0	ug/L 1
034418	Chloromethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.97v2 ug/L	0.97	1.0	ug/L 1
032105	Dibromochloromethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.45 ug/L	0.45	2.0	ug/L 1
034668	Dichlorodifluoromethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.26v2 ug/L	0.26	1.0	ug/L 1
034371	Ethylbenzene	Grab	N	EPA 8260	04/18/2019 14:12	<0.30 ug/L	0.30	1.0	ug/L 1
046491	Methyl-tert-butyl ether	Grab	N	EPA 8260	04/18/2019 14:12	<0.51 ug/L	0.51	2.0	ug/L 1
034423	Methylene Chloride	Grab	N	EPA 8260	04/18/2019 14:12	<2.0 ug/L	2.0	5.0	ug/L 1
034475	Tetrachloroethene	Grab	N	EPA 8260	04/18/2019 14:12	<0.38 ug/L	0.38	1.0	ug/L 1
078131	Toluene	Grab	N	EPA 8260	04/18/2019 14:12	<0.33 ug/L	0.33	1.0	ug/L 1
039180	Trichloroethene	Grab	N	EPA 8260	04/18/2019 14:12	<0.36 ug/L	0.36	1.0	ug/L 1
034488	Trichlorofluoromethane	Grab	N	EPA 8260	04/18/2019 14:12	<0.35 ug/L	0.35	1.0	ug/L 1
039175	Vinyl chloride	Grab	N	EPA 8260	04/18/2019 14:12	<0.39 ug/L	0.39	1.0	ug/L 1
081551	Xylene (Total)	Grab	N	EPA 8260	04/18/2019 14:12	<2.1 ug/L	2.1	5.0	ug/L 1
077093	cis-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 14:12	<0.27 ug/L	0.27	1.0	ug/L 1
034704	cis-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 14:12	<0.17 ug/L	0.17	0.50	ug/L 1
081551	m&p-Xylene	Grab	N	EPA 8260	04/18/2019 14:12	<2.1 ug/L	2.1	4.0	ug/L 1
081551	o-Xylene	Grab	N	EPA 8260	04/18/2019 14:12	<0.27 ug/L	0.27	1.0	ug/L 1
034546	trans-1,2-Dichloroethene	Grab	N	EPA 8260	04/18/2019 14:12	<0.23 ug/L	0.23	1.0	ug/L 1
034699	trans-1,3-Dichloropropene	Grab	N	EPA 8260	04/18/2019 14:12	<0.17 ug/L	0.17	0.50	ug/L 1
	Petroleum Range Organics	Grab	N	FL-PRO	04/20/2019 15:33	<0.76 mg/L	0.76	0.95	mg/L 1