



NELAP Certificate No. E86006



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### Ground Water Monitoring Report

Solid Waste Authority - Palm Beach County  
Hydrogeologist  
7501 North Jog Road  
West Palm Beach, FL 33412

**RECEIVED**  
**JUNE 29, 2021**

Date Received: 05/10/2021 17:05  
Date Reported: 06/24/2021 09:25  
Report Period: 2021Q2

**Project Name: Central County Transfer Station MW's**  
**Lab Work Order (COC): 21E0338**

**Laboratory Sample #**

- 21E0338-01
- 21E0338-02
- 21E0338-03
- 21E0338-04
- 21E0338-05
- 21E0338-06
- 21E0338-07
- 21E0338-08
- 21E0338-09

**Client Sample #**

- CTMW-2S
- CTMW-2I
- CTSFBlank 051021
- CTMW-1S
- CTMW-1I
- M T Blank Cooler 023
- VOC T Blank Cooler 023
- M T Blank Cooler 009
- VOC T Blank Cooler 009



Central County Transfer Station MW's

Lab ID: 21E0338-01

Diameter (in): 2  
 Depth to Water (ft): 14.89  
 Top of Casing (ft): 22.15  
 Total Depth (ft): 37.31

Sheen: No  
 Color: Slight Yellow  
 Odor: No  
 Matrix: Groundwater

**Parameter Monitoring Report**

WACS Facility ID #: PBCC01      Sampling Date/Time: 05/10/21 09:30  
 WACS Test Site ID#: PBCC03      Report Period: 2021Q2  
 Well Name: CTMW-2S      Well Purge (Y/N): Y  
 GW Classification: G-II      Well Type: Background      Compliance (X)  
 GW Elevation (NGVD): 7.26      Intermediate      Other

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	

**Field Parameter (s) (See Notes and Definitions Page)**

00402	Specific Conductance (field)		N	FDEP SOP	05/10/2021 09:30	392 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen		N	FDEP SOP	05/10/2021 09:30	0.29 mg/L		mg/L	1
00406	pH (Field) at 25°C		N	FDEP SOP	05/10/2021 09:30	6.93 pH Units		pH Units	1
	Temperature (field)		N	FDEP SOP	05/10/2021 09:30	26.2 °C		°C	1
	Turbidity (Field)		N	FDEP SOP	05/10/2021 09:30	6.40 NTU		NTU	1

**Classical Chemistry Parameters**

	TRPH		N	EPA 1664A	05/14/2021 16:45	<1.39 mg/L	1.39	4.18 mg/L	1
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**Wet Chemistry**

	Total Alkalinity		N	EPA 310.2	05/14/2021 12:08	144 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N		N	EPA 350.1	05/11/2021 08:50	0.0286 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride		N	EPA 300.0	05/11/2021 14:39	24.6 mg/L	0.140	0.419 mg/L	1
	Chemical Oxygen Demand		N	EPA 410.4	05/15/2021 13:30	21.9 mg/L	2.54	10.0 mg/L	1
	Color		N	SM 2120B	05/11/2021 17:30	50/7.30 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340		N	SM5540C	05/11/2021 15:10	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N		N	EPA 300.0	05/11/2021 14:39	<0.0278 mg/L	0.0278	0.0835 mg/L	1
	Odor at 60°C		N	SM 2150B	05/10/2021 17:30	N.O.O. T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate		N	EPA 300.0	05/11/2021 14:39	19.7 mg/L	0.133	0.399 mg/L	1
	Sulfide		N	SM 4500-S D	05/13/2021 08:30	0.0460 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids		N	SM 2540C	05/14/2021 10:45	227 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen		N	EPA 351.2	05/19/2021 13:21	0.447 mg/L I	0.184	0.552 mg/L	1

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper		N	EPA 200.8	05/12/2021 11:18	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury		N	EPA 200.8	05/18/2021 10:57	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic		N	EPA 6010/3010	05/11/2021 10:20	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium		N	EPA 6010/3010	05/11/2021 10:20	10.9 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium		N	EPA 6010/3010	05/11/2021 10:20	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium		N	EPA 6010/3010	05/11/2021 10:20	1.80 ug/L I	0.339	5.00 ug/L	1
01045	Iron		N	EPA 6010/3010	05/11/2021 11:15	1210 ug/L	2.18	20.0 ug/L	2
01051	Lead		N	EPA 6010/3010	05/11/2021 10:20	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium		N	EPA 6010/3010	05/11/2021 10:20	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium		N	EPA 6010/3010	05/11/2021 10:20	16.4 mg/L	0.446	2.00 mg/L	1

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**



Central County Transfer Station MW's

Client Sample # CTMW-2S continued

Lab ID:

21E0338-01

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
34506	1,1,1-Trichloroethane		N	EPA 8260	05/11/2021 14:39	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane		N	EPA 8260	05/11/2021 14:39	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane		N	EPA 8260	05/11/2021 14:39	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane		N	EPA 8260	05/11/2021 14:39	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene		N	EPA 8260	05/11/2021 14:39	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene		N	EPA 8260	05/11/2021 14:39	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane		N	EPA 8260	05/11/2021 14:39	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane		N	EPA 8260	05/11/2021 14:39	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene		N	EPA 8260	05/11/2021 14:39	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene		N	EPA 8260	05/11/2021 14:39	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether		N	EPA 8260	05/11/2021 14:39	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene		N	EPA 8260	05/11/2021 14:39	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane		N	EPA 8260	05/11/2021 14:39	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform		N	EPA 8260	05/11/2021 14:39	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane		N	EPA 8260	05/11/2021 14:39	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride		N	EPA 8260	05/11/2021 14:39	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene		N	EPA 8260	05/11/2021 14:39	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane		N	EPA 8260	05/11/2021 14:39	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform		N	EPA 8260	05/11/2021 14:39	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane		N	EPA 8260	05/11/2021 14:39	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene		N	EPA 8260	05/11/2021 14:39	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene		N	EPA 8260	05/11/2021 14:39	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane		N	EPA 8260	05/11/2021 14:39	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane		N	EPA 8260	05/11/2021 14:39	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene		N	EPA 8260	05/11/2021 14:39	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene		N	EPA 8260	05/11/2021 14:39	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride		N	EPA 8260	05/11/2021 14:39	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether		N	EPA 8260	05/11/2021 14:39	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene		N	EPA 8260	05/11/2021 14:39	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene		N	EPA 8260	05/11/2021 14:39	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene		N	EPA 8260	05/11/2021 14:39	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene		N	EPA 8260	05/11/2021 14:39	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene		N	EPA 8260	05/11/2021 14:39	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene		N	EPA 8260	05/11/2021 14:39	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane		N	EPA 8260	05/11/2021 14:39	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride		N	EPA 8260	05/11/2021 14:39	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total		N	EPA 8260	05/11/2021 14:39	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-02

Diameter (in): 2  
 Depth to Water (ft): 14.86  
 Top of Casing (ft): 22.10  
 Total Depth (ft): 72.65

Sheen: No  
 Color: Slight Yellow  
 Odor: No  
 Matrix: Groundwater

**Parameter Monitoring Report**

WACS Facility ID #: PBCC01      Sampling Date/Time: 05/10/21 10:17  
 WACS Test Site ID#: PBCC04      Report Period: 2021Q2  
 Well Name: CTMW-2I      Well Purge (Y/N): Y  
 GW Classification: G-II      Well Type: Background      Compliance (X)  
 GW Elevation (NGVD): 7.24      Intermediate      Other

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	

**Field Parameter (s) (See Notes and Definitions Page)**

00402	Specific Conductance (field)		N	FDEP SOP	05/10/2021 10:17	416 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen		N	FDEP SOP	05/10/2021 10:17	0.17 mg/L		mg/L	1
00406	pH (Field) at 25°C		N	FDEP SOP	05/10/2021 10:17	7.03 pH Units		pH Units	1
	Temperature (field)		N	FDEP SOP	05/10/2021 10:17	26.0 °C		°C	1
	Turbidity (Field)		N	FDEP SOP	05/10/2021 10:17	0.29 NTU		NTU	1

**Classical Chemistry Parameters**

	TRPH		N	EPA 1664A	05/14/2021 16:45	<1.39 mg/L	1.39	4.18 mg/L	1
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**Wet Chemistry**

	Total Alkalinity		N	EPA 310.2	05/14/2021 12:08	190 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N		N	EPA 350.1	05/11/2021 08:50	0.112 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride		N	EPA 300.0	05/11/2021 14:56	22.7 mg/L	0.140	0.419 mg/L	1
	Chemical Oxygen Demand		N	EPA 410.4	05/15/2021 13:30	9.70 mg/L I	2.54	10.0 mg/L	1
	Color		N	SM 2120B	05/11/2021 17:30	30/7.36 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340		N	SM5540C	05/11/2021 15:10	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N		N	EPA 300.0	05/11/2021 14:56	<0.0278 mg/L	0.0278	0.0835 mg/L	1
	Odor at 60°C		N	SM 2150B	05/10/2021 17:30	N.O.O. T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate		N	EPA 300.0	05/11/2021 14:56	0.927 mg/L	0.133	0.399 mg/L	1
	Sulfide		N	SM 4500-S D	05/13/2021 08:30	0.0300 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids		N	SM 2540C	05/13/2021 16:33	234 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen		N	EPA 351.2	05/19/2021 13:21	<0.184 mg/L	0.184	0.552 mg/L	1

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper		N	EPA 200.8	05/12/2021 11:22	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury		N	EPA 200.8	05/18/2021 10:59	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic		N	EPA 6010/3010	05/11/2021 10:23	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium		N	EPA 6010/3010	05/11/2021 10:23	10.6 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium		N	EPA 6010/3010	05/11/2021 10:23	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium		N	EPA 6010/3010	05/11/2021 10:23	0.400 ug/L I	0.339	5.00 ug/L	1
01045	Iron		N	EPA 6010/3010	05/11/2021 10:23	817 ug/L	1.09	10.0 ug/L	1
01051	Lead		N	EPA 6010/3010	05/11/2021 10:23	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium		N	EPA 6010/3010	05/11/2021 10:23	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium		N	EPA 6010/3010	05/11/2021 10:23	12.9 mg/L	0.446	2.00 mg/L	1

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**

Central County Transfer Station MW's

Client Sample # CTMW-2I continued

Lab ID:

21E0338-02

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
34506	1,1,1-Trichloroethane		N	EPA 8260	05/11/2021 15:05	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane		N	EPA 8260	05/11/2021 15:05	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane		N	EPA 8260	05/11/2021 15:05	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane		N	EPA 8260	05/11/2021 15:05	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene		N	EPA 8260	05/11/2021 15:05	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene		N	EPA 8260	05/11/2021 15:05	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane		N	EPA 8260	05/11/2021 15:05	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane		N	EPA 8260	05/11/2021 15:05	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene		N	EPA 8260	05/11/2021 15:05	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene		N	EPA 8260	05/11/2021 15:05	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether		N	EPA 8260	05/11/2021 15:05	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene		N	EPA 8260	05/11/2021 15:05	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane		N	EPA 8260	05/11/2021 15:05	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform		N	EPA 8260	05/11/2021 15:05	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane		N	EPA 8260	05/11/2021 15:05	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride		N	EPA 8260	05/11/2021 15:05	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene		N	EPA 8260	05/11/2021 15:05	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane		N	EPA 8260	05/11/2021 15:05	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform		N	EPA 8260	05/11/2021 15:05	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane		N	EPA 8260	05/11/2021 15:05	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:05	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:05	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane		N	EPA 8260	05/11/2021 15:05	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane		N	EPA 8260	05/11/2021 15:05	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene		N	EPA 8260	05/11/2021 15:05	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene		N	EPA 8260	05/11/2021 15:05	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride		N	EPA 8260	05/11/2021 15:05	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether		N	EPA 8260	05/11/2021 15:05	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene		N	EPA 8260	05/11/2021 15:05	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene		N	EPA 8260	05/11/2021 15:05	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene		N	EPA 8260	05/11/2021 15:05	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:05	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:05	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene		N	EPA 8260	05/11/2021 15:05	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane		N	EPA 8260	05/11/2021 15:05	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride		N	EPA 8260	05/11/2021 15:05	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total		N	EPA 8260	05/11/2021 15:05	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-03

Diameter (in):

Sheen: No

Depth to Water (ft):

Color: Clear

Top of Casing (ft):

Odor: No

Total Depth (ft):

Matrix: DI

**Parameter Monitoring Report**

WACS Facility ID #:

Sampling Date/Time: 05/10/21 11:00

WACS Test Site ID#:

Report Period: 2021Q2

Well Name: CTSFBlank 051021

Well Purge (Y/N):

GW Classification:

Well Type:

Background

Compliance

GW Elevation (NGVD):

Intermediate

Other

( X )

Storet Code	Parameter	Sample Method	Field Filter	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units	PQL	Dil Factor
		Grab/Comp	Y/N				MDL		

**Field Parameter (s) (See Notes and Definitions Page)**

00402	Specific Conductance (field)			FDEP SOP	05/10/2021 11:00	1.82 uS/cm @ 25°C	uS/cm @ 25°C		1
	Dissolved Oxygen			FDEP SOP	05/10/2021 11:00	7.62 mg/L	mg/L		1
00406	pH (Field) at 25°C			FDEP SOP	05/10/2021 11:00	6.39 pH Units	pH Units		1
	Temperature (field)			FDEP SOP	05/10/2021 11:00	24.2 °C	°C		1
	Turbidity (Field)			FDEP SOP	05/10/2021 11:00	0.21 NTU	NTU		1

**Classical Chemistry Parameters**

	TRPH			EPA 1664A	05/14/2021 16:45	<1.39 mg/L	1.39	4.18 mg/L	1
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**Wet Chemistry**

	Total Alkalinity			EPA 310.2	05/14/2021 12:08	<2.49 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N			EPA 350.1	05/11/2021 08:50	<0.00620 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride			EPA 300.0	05/11/2021 15:13	<0.140 mg/L	0.140	0.419 mg/L	1
	Chemical Oxygen Demand			EPA 410.4	05/15/2021 13:30	<2.54 mg/L	2.54	10.0 mg/L	1
	Color			SM 2120B	05/11/2021 17:30	0/7.33 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340			SM5540C	05/11/2021 15:10	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N			EPA 300.0	05/11/2021 15:13	<0.0278 mg/L	0.0278	0.0835 mg/L	1
	Odor at 60°C			SM 2150B	05/11/2021 09:45	N.O.O. T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate			EPA 300.0	05/11/2021 15:13	<0.133 mg/L	0.133	0.399 mg/L	1
	Sulfide			SM 4500-S D	05/13/2021 08:30	<0.00210 mg/L J3	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids			SM 2540C	05/13/2021 16:33	<10.0 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen			EPA 351.2	05/19/2021 13:21	<0.184 mg/L	0.184	0.552 mg/L	1

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper			EPA 200.8	05/12/2021 11:26	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury			EPA 200.8	05/18/2021 11:02	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic			EPA 6010/3010	05/11/2021 11:27	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium			EPA 6010/3010	05/11/2021 11:27	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium			EPA 6010/3010	05/11/2021 11:27	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium			EPA 6010/3010	05/11/2021 11:27	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron			EPA 6010/3010	05/11/2021 11:27	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead			EPA 6010/3010	05/11/2021 11:27	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium			EPA 6010/3010	05/11/2021 11:27	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium			EPA 6010/3010	05/11/2021 11:27	<0.446 mg/L	0.446	2.00 mg/L	1

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**



Central County Transfer Station MW's

Client Sample # CTSFBlank 051021 continued

Lab ID:

21E0338-03

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
34506	1,1,1-Trichloroethane			EPA 8260	05/11/2021 14:13	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane			EPA 8260	05/11/2021 14:13	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane			EPA 8260	05/11/2021 14:13	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane			EPA 8260	05/11/2021 14:13	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene			EPA 8260	05/11/2021 14:13	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene			EPA 8260	05/11/2021 14:13	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane			EPA 8260	05/11/2021 14:13	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane			EPA 8260	05/11/2021 14:13	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene			EPA 8260	05/11/2021 14:13	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene			EPA 8260	05/11/2021 14:13	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether			EPA 8260	05/11/2021 14:13	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene			EPA 8260	05/11/2021 14:13	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane			EPA 8260	05/11/2021 14:13	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform			EPA 8260	05/11/2021 14:13	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane			EPA 8260	05/11/2021 14:13	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride			EPA 8260	05/11/2021 14:13	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene			EPA 8260	05/11/2021 14:13	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane			EPA 8260	05/11/2021 14:13	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform			EPA 8260	05/11/2021 14:13	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane			EPA 8260	05/11/2021 14:13	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene			EPA 8260	05/11/2021 14:13	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene			EPA 8260	05/11/2021 14:13	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane			EPA 8260	05/11/2021 14:13	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane			EPA 8260	05/11/2021 14:13	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene			EPA 8260	05/11/2021 14:13	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene			EPA 8260	05/11/2021 14:13	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride			EPA 8260	05/11/2021 14:13	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether			EPA 8260	05/11/2021 14:13	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene			EPA 8260	05/11/2021 14:13	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene			EPA 8260	05/11/2021 14:13	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene			EPA 8260	05/11/2021 14:13	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene			EPA 8260	05/11/2021 14:13	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene			EPA 8260	05/11/2021 14:13	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene			EPA 8260	05/11/2021 14:13	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane			EPA 8260	05/11/2021 14:13	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride			EPA 8260	05/11/2021 14:13	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total			EPA 8260	05/11/2021 14:13	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-04

Diameter (in): 2  
 Depth to Water (ft): 15.03  
 Top of Casing (ft): 22.27  
 Total Depth (ft): 36.60

Sheen: No  
 Color: Slight Yellow  
 Odor: No  
 Matrix: Groundwater

**Parameter Monitoring Report**

WACS Facility ID #:	PBCC01	Sampling Date/Time:	05/10/21 11:40
WACS Test Site ID#:	PBCC01	Report Period:	2021Q2
Well Name:	CTMW-1S	Well Purge (Y/N):	Y
GW Classification:	G-II	Well Type:	Background
GW Elevation (NGVD):	7.24		Intermediate
		Compliance (X)	Other

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	

**Field Parameter (s) (See Notes and Definitions Page)**

00402	Specific Conductance (field)		N	FDEP SOP	05/10/2021 11:40	235 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen		N	FDEP SOP	05/10/2021 11:40	0.37 mg/L		mg/L	1
00406	pH (Field) at 25°C		N	FDEP SOP	05/10/2021 11:40	7.13 pH Units		pH Units	1
	Temperature (field)		N	FDEP SOP	05/10/2021 11:40	27.4 °C		°C	1
	Turbidity (Field)		N	FDEP SOP	05/10/2021 11:40	0.67 NTU		NTU	1

**Classical Chemistry Parameters**

	TRPH		N	EPA 1664A	05/14/2021 16:45	<1.39 mg/L	1.39	4.18 mg/L	1
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**Wet Chemistry**

	Total Alkalinity		N	EPA 310.2	05/14/2021 12:08	93.1 mg/L J3	2.49	7.46 mg/L	1
00151	Ammonia as N		N	EPA 350.1	05/11/2021 08:50	<0.00620 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride		N	EPA 300.0	05/11/2021 15:29	9.73 mg/L	0.140	0.419 mg/L	1
	Chemical Oxygen Demand		N	EPA 410.4	05/15/2021 13:30	7.30 mg/L I	2.54	10.0 mg/L	1
	Color		N	SM 2120B	05/11/2021 17:30	20/7.15 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340		N	SM5540C	05/11/2021 15:10	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N		N	EPA 300.0	05/11/2021 15:29	<0.0278 mg/L	0.0278	0.0835 mg/L	1
	Odor at 60°C		N	SM 2150B	05/11/2021 09:45	N.O.O. T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate		N	EPA 300.0	05/11/2021 15:29	5.59 mg/L	0.133	0.399 mg/L	1
	Sulfide		N	SM 4500-S D	05/13/2021 08:30	0.00400 mg/L I	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids		N	SM 2540C	05/13/2021 16:33	138 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen		N	EPA 351.2	05/19/2021 13:21	<0.184 mg/L	0.184	0.552 mg/L	1

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper		N	EPA 200.8	05/12/2021 11:30	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury		N	EPA 200.8	05/18/2021 11:04	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic		N	EPA 6010/3010	05/11/2021 10:29	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium		N	EPA 6010/3010	05/11/2021 10:29	6.20 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium		N	EPA 6010/3010	05/11/2021 10:29	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium		N	EPA 6010/3010	05/11/2021 10:29	0.700 ug/L I	0.339	5.00 ug/L	1
01045	Iron		N	EPA 6010/3010	05/11/2021 10:29	498 ug/L	1.09	10.0 ug/L	1
01051	Lead		N	EPA 6010/3010	05/11/2021 10:29	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium		N	EPA 6010/3010	05/11/2021 10:29	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium		N	EPA 6010/3010	05/11/2021 10:29	5.73 mg/L	0.446	2.00 mg/L	1

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**





Central County Transfer Station MW's

Client Sample # CTMW-1S continued

Lab ID:

21E0338-04

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
34506	1,1,1-Trichloroethane		N	EPA 8260	05/11/2021 15:31	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane		N	EPA 8260	05/11/2021 15:31	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane		N	EPA 8260	05/11/2021 15:31	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane		N	EPA 8260	05/11/2021 15:31	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene		N	EPA 8260	05/11/2021 15:31	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene		N	EPA 8260	05/11/2021 15:31	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane		N	EPA 8260	05/11/2021 15:31	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane		N	EPA 8260	05/11/2021 15:31	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene		N	EPA 8260	05/11/2021 15:31	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene		N	EPA 8260	05/11/2021 15:31	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether		N	EPA 8260	05/11/2021 15:31	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene		N	EPA 8260	05/11/2021 15:31	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane		N	EPA 8260	05/11/2021 15:31	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform		N	EPA 8260	05/11/2021 15:31	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane		N	EPA 8260	05/11/2021 15:31	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride		N	EPA 8260	05/11/2021 15:31	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene		N	EPA 8260	05/11/2021 15:31	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane		N	EPA 8260	05/11/2021 15:31	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform		N	EPA 8260	05/11/2021 15:31	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane		N	EPA 8260	05/11/2021 15:31	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:31	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:31	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane		N	EPA 8260	05/11/2021 15:31	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane		N	EPA 8260	05/11/2021 15:31	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene		N	EPA 8260	05/11/2021 15:31	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene		N	EPA 8260	05/11/2021 15:31	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride		N	EPA 8260	05/11/2021 15:31	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether		N	EPA 8260	05/11/2021 15:31	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene		N	EPA 8260	05/11/2021 15:31	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene		N	EPA 8260	05/11/2021 15:31	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene		N	EPA 8260	05/11/2021 15:31	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:31	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:31	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene		N	EPA 8260	05/11/2021 15:31	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane		N	EPA 8260	05/11/2021 15:31	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride		N	EPA 8260	05/11/2021 15:31	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total		N	EPA 8260	05/11/2021 15:31	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-05

Diameter (in): 2  
 Depth to Water (ft): 15.09  
 Top of Casing (ft): 22.31  
 Total Depth (ft): 69.30

Sheen: No  
 Color: Slight Yellow  
 Odor: No  
 Matrix: Groundwater

**Parameter Monitoring Report**

WACS Facility ID #: PBCC01      Sampling Date/Time: 05/10/21 12:20  
 WACS Test Site ID#: PBCC02      Report Period: 2021Q2  
 Well Name: CTMW-11      Well Purge (Y/N): Y  
 GW Classification: G-II      Well Type: Background      Compliance (X)  
 GW Elevation (NGVD): 7.22      Intermediate      Other

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	PQL	Dil Factor
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**Field Parameter (s) (See Notes and Definitions Page)**

00402	Specific Conductance (field)		N	FDEP SOP	05/10/2021 12:20	508 uS/cm @ 25°C	uS/cm @ 25°C		1
	Dissolved Oxygen		N	FDEP SOP	05/10/2021 12:20	0.29 mg/L	mg/L		1
00406	pH (Field) at 25°C		N	FDEP SOP	05/10/2021 12:20	7.09 pH Units	pH Units		1
	Temperature (field)		N	FDEP SOP	05/10/2021 12:20	27.8 °C	°C		1
	Turbidity (Field)		N	FDEP SOP	05/10/2021 12:20	1.06 NTU	NTU		1

**Classical Chemistry Parameters**

	TRPH		N	EPA 1664A	05/14/2021 16:45	<1.39 mg/L	1.39	4.18 mg/L	1
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**Wet Chemistry**

	Total Alkalinity		N	EPA 310.2	05/14/2021 12:08	214 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N		N	EPA 350.1	05/11/2021 08:50	0.253 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride		N	EPA 300.0	05/11/2021 16:18	26.5 mg/L	0.140	0.419 mg/L	1
	Chemical Oxygen Demand		N	EPA 410.4	05/15/2021 13:30	29.2 mg/L	2.54	10.0 mg/L	1
	Color		N	SM 2120B	05/11/2021 17:30	60/7.15 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340		N	SM5540C	05/11/2021 15:10	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N		N	EPA 300.0	05/11/2021 16:18	<0.0278 mg/L	0.0278	0.0835 mg/L	1
	Odor at 60°C		N	SM 2150B	05/11/2021 09:45	N.O.O. T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate		N	EPA 300.0	05/11/2021 16:18	17.3 mg/L	0.133	0.399 mg/L	1
	Sulfide		N	SM 4500-S D	05/13/2021 08:30	0.0330 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids		N	SM 2540C	05/13/2021 16:33	310 mg/L	10.0	30.0 mg/L	1
81393	Total Kjeldahl Nitrogen		N	EPA 351.2	05/19/2021 13:21	0.681 mg/L	0.184	0.552 mg/L	1

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper		N	EPA 200.8	05/12/2021 11:34	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury		N	EPA 200.8	05/18/2021 11:06	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic		N	EPA 6010/3010	05/11/2021 10:52	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium		N	EPA 6010/3010	05/11/2021 10:52	14.8 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium		N	EPA 6010/3010	05/11/2021 10:52	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium		N	EPA 6010/3010	05/11/2021 10:52	2.50 ug/L I	0.339	5.00 ug/L	1
01045	Iron		N	EPA 6010/3010	05/11/2021 11:18	1120 ug/L	2.18	20.0 ug/L	2
01051	Lead		N	EPA 6010/3010	05/11/2021 10:52	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium		N	EPA 6010/3010	05/11/2021 10:52	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium		N	EPA 6010/3010	05/11/2021 10:52	16.1 mg/L	0.446	2.00 mg/L	1

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**



Central County Transfer Station MW's

Client Sample # CTMW-11 continued

Lab ID:

21E0338-05

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
34506	1,1,1-Trichloroethane		N	EPA 8260	05/11/2021 15:57	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane		N	EPA 8260	05/11/2021 15:57	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane		N	EPA 8260	05/11/2021 15:57	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane		N	EPA 8260	05/11/2021 15:57	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene		N	EPA 8260	05/11/2021 15:57	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene		N	EPA 8260	05/11/2021 15:57	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane		N	EPA 8260	05/11/2021 15:57	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane		N	EPA 8260	05/11/2021 15:57	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene		N	EPA 8260	05/11/2021 15:57	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene		N	EPA 8260	05/11/2021 15:57	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether		N	EPA 8260	05/11/2021 15:57	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene		N	EPA 8260	05/11/2021 15:57	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane		N	EPA 8260	05/11/2021 15:57	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform		N	EPA 8260	05/11/2021 15:57	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane		N	EPA 8260	05/11/2021 15:57	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride		N	EPA 8260	05/11/2021 15:57	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene		N	EPA 8260	05/11/2021 15:57	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane		N	EPA 8260	05/11/2021 15:57	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform		N	EPA 8260	05/11/2021 15:57	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane		N	EPA 8260	05/11/2021 15:57	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:57	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:57	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane		N	EPA 8260	05/11/2021 15:57	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane		N	EPA 8260	05/11/2021 15:57	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene		N	EPA 8260	05/11/2021 15:57	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene		N	EPA 8260	05/11/2021 15:57	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride		N	EPA 8260	05/11/2021 15:57	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether		N	EPA 8260	05/11/2021 15:57	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene		N	EPA 8260	05/11/2021 15:57	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene		N	EPA 8260	05/11/2021 15:57	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene		N	EPA 8260	05/11/2021 15:57	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene		N	EPA 8260	05/11/2021 15:57	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene		N	EPA 8260	05/11/2021 15:57	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene		N	EPA 8260	05/11/2021 15:57	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane		N	EPA 8260	05/11/2021 15:57	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride		N	EPA 8260	05/11/2021 15:57	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total		N	EPA 8260	05/11/2021 15:57	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-06

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI

**Parameter Monitoring Report**

WACS Facility ID #:

Sampling Date/Time: 05/10/21 09:30

WACS Test Site ID#:

Report Period: 2021Q2

Well Name: M T Blank Cooler 023

Well Purge (Y/N):

GW Classification:

Well Type:

Background

Compliance

GW Elevation (NGVD):

Intermediate

Other

( X )

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper			EPA 200.8	05/12/2021 11:38	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury			EPA 200.8	05/18/2021 11:36	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic			EPA 6010/3010	05/11/2021 10:32	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium			EPA 6010/3010	05/11/2021 10:32	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium			EPA 6010/3010	05/11/2021 10:32	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium			EPA 6010/3010	05/11/2021 10:32	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron			EPA 6010/3010	05/11/2021 10:32	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead			EPA 6010/3010	05/11/2021 10:32	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium			EPA 6010/3010	05/11/2021 10:32	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium			EPA 6010/3010	05/11/2021 10:32	<0.446 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-07

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b>		<b>Sampling Date/Time:</b>	05/10/21 09:30
<b>WACS Test Site ID#:</b>		<b>Report Period:</b>	2021Q2
<b>Well Name:</b>	VOC T Blank Cooler 023	<b>Well Purge (Y/N):</b>	
<b>GW Classification:</b>		<b>Well Type:</b>	Background Compliance
<b>GW Elevation (NGVD):</b>			Intermediate Other (X)

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units MDL	PQL	Dil Factor
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**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**

34506	1,1,1-Trichloroethane			EPA 8260	05/11/2021 13:21	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane			EPA 8260	05/11/2021 13:21	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane			EPA 8260	05/11/2021 13:21	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane			EPA 8260	05/11/2021 13:21	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene			EPA 8260	05/11/2021 13:21	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene			EPA 8260	05/11/2021 13:21	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane			EPA 8260	05/11/2021 13:21	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane			EPA 8260	05/11/2021 13:21	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene			EPA 8260	05/11/2021 13:21	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene			EPA 8260	05/11/2021 13:21	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether			EPA 8260	05/11/2021 13:21	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene			EPA 8260	05/11/2021 13:21	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane			EPA 8260	05/11/2021 13:21	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform			EPA 8260	05/11/2021 13:21	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane			EPA 8260	05/11/2021 13:21	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride			EPA 8260	05/11/2021 13:21	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene			EPA 8260	05/11/2021 13:21	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane			EPA 8260	05/11/2021 13:21	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform			EPA 8260	05/11/2021 13:21	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane			EPA 8260	05/11/2021 13:21	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene			EPA 8260	05/11/2021 13:21	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene			EPA 8260	05/11/2021 13:21	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane			EPA 8260	05/11/2021 13:21	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane			EPA 8260	05/11/2021 13:21	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene			EPA 8260	05/11/2021 13:21	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene			EPA 8260	05/11/2021 13:21	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride			EPA 8260	05/11/2021 13:21	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether			EPA 8260	05/11/2021 13:21	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene			EPA 8260	05/11/2021 13:21	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene			EPA 8260	05/11/2021 13:21	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene			EPA 8260	05/11/2021 13:21	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene			EPA 8260	05/11/2021 13:21	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene			EPA 8260	05/11/2021 13:21	<0.540 ug/L	0.540	1.62 ug/L	1



Central County Transfer Station MW's

Client Sample # VOC T Blank Cooler 023 continue

Lab ID:

21E0338-07

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor
<b>VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)</b>									
99352	Trichloroethene			EPA 8260	05/11/2021 13:21	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane			EPA 8260	05/11/2021 13:21	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride			EPA 8260	05/11/2021 13:21	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total			EPA 8260	05/11/2021 13:21	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-08

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI

**Parameter Monitoring Report**

<b>WACS Facility ID #:</b>		<b>Sampling Date/Time:</b>	05/10/21 09:30
<b>WACS Test Site ID#:</b>		<b>Report Period:</b>	2021Q2
<b>Well Name:</b>	M T Blank Cooler 009	<b>Well Purge (Y/N):</b>	
<b>GW Classification:</b>		<b>Well Type:</b>	Background Compliance
<b>GW Elevation (NGVD):</b>			Intermediate Other (X)

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	

**Total Recoverable Metals by EPA 200 Series Methods**

01042	Copper			EPA 200.8	05/12/2021 11:42	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury			EPA 200.8	05/18/2021 11:38	<0.0116 ug/L	0.0116	0.100 ug/L	1

**Metals by EPA 6000/7000 Series Methods**

01002	Arsenic			EPA 6010/3010	05/11/2021 10:55	<2.21 ug/L	2.21	10.0 ug/L	1
01007	Barium			EPA 6010/3010	05/11/2021 10:55	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium			EPA 6010/3010	05/11/2021 10:55	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium			EPA 6010/3010	05/11/2021 10:55	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron			EPA 6010/3010	05/11/2021 10:55	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead			EPA 6010/3010	05/11/2021 10:55	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium			EPA 6010/3010	05/11/2021 10:55	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium			EPA 6010/3010	05/11/2021 10:55	<0.446 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 21E0338-09

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI

**Parameter Monitoring Report**

WACS Facility ID #:

Sampling Date/Time: 05/10/21 09:30

WACS Test Site ID#:

Report Period: 2021Q2

Well Name: VOC T Blank Cooler 009

Well Purge (Y/N):

GW Classification:

Well Type:

Background  
Intermediate

Compliance  
Other

GW Elevation (NGVD):

( X )

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		Dil Factor
							MDL	PQL	

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**

34506	1,1,1-Trichloroethane	EPA 8260	05/11/2021 13:47	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	EPA 8260	05/11/2021 13:47	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	EPA 8260	05/11/2021 13:47	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	EPA 8260	05/11/2021 13:47	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	EPA 8260	05/11/2021 13:47	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	EPA 8260	05/11/2021 13:47	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	EPA 8260	05/11/2021 13:47	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	EPA 8260	05/11/2021 13:47	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	EPA 8260	05/11/2021 13:47	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	EPA 8260	05/11/2021 13:47	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	EPA 8260	05/11/2021 13:47	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	EPA 8260	05/11/2021 13:47	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	EPA 8260	05/11/2021 13:47	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	EPA 8260	05/11/2021 13:47	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	EPA 8260	05/11/2021 13:47	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	EPA 8260	05/11/2021 13:47	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	EPA 8260	05/11/2021 13:47	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	EPA 8260	05/11/2021 13:47	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	EPA 8260	05/11/2021 13:47	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	EPA 8260	05/11/2021 13:47	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	EPA 8260	05/11/2021 13:47	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	EPA 8260	05/11/2021 13:47	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	EPA 8260	05/11/2021 13:47	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	EPA 8260	05/11/2021 13:47	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	EPA 8260	05/11/2021 13:47	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	EPA 8260	05/11/2021 13:47	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	EPA 8260	05/11/2021 13:47	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	EPA 8260	05/11/2021 13:47	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	EPA 8260	05/11/2021 13:47	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	EPA 8260	05/11/2021 13:47	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	EPA 8260	05/11/2021 13:47	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	EPA 8260	05/11/2021 13:47	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	EPA 8260	05/11/2021 13:47	<0.540 ug/L	0.540	1.62 ug/L	1





Central County Transfer Station MW's

Client Sample # VOC T Blank Cooler 009 continue

Lab ID: 21E0338-09

Storet Code	Parameter	Sample Method Grab/Comp	Field Filter Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units		
							MDL	PQL	Dil Factor

**VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)**

99352	Trichloroethene			EPA 8260	05/11/2021 13:47	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane			EPA 8260	05/11/2021 13:47	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride			EPA 8260	05/11/2021 13:47	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total			EPA 8260	05/11/2021 13:47	<0.122 ug/L	0.122	0.500 ug/L	1

### Notes and Definitions

U	Indicated that the compound was analyzed for but not detected. This shall be used to indicate that the specific component was not detected. The value associated with the qualifier shall be the laboratory method detection limit.
J3	The matrix spike recovery outside method acceptance limits indicating matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
N.O.O.	No Odor Observed
REP	Field parameter measured by client
V	Indicated that the analyte was detected in both the sample and the associated method blank.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Z	Too many colonies were present for accurate counting.
SUB	Work performed by outside (subcontracted) labs denoted by SUB in analyst field.

QC=Qualifier Codes as defined by DEP 62-160

Unless indicated, soil results are reported on actual (wet) weight basis.

The Color SM2120B method is reported as (Color / pH)

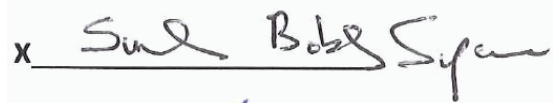
Legionella analyzed under CDC accreditation program

Dilution factors  $\geq 1000$  are abbreviated using k=1000 and M=1000000

Field parameters are not NELAP accredited.

Results relate only to this sample.

Suresh (Bobby) Supan - CSM



Authorized CSM Signature (954) 978-6400  
Florida-Spectrum Environmental Services, Inc.  
Certification# E86006

All NELAP certified analysis are performed in accordance with Chapter 64E-1 Florida Administrative code, which has been determined to be equivalent to NELAC standards. Analysis certified by programs other than NELAP are designated with a "-".

**COC# A 03565**  
 DUE DATE Requested  
**RUSH RESERVATION #**  
*Rush Surcharges apply*

Tel: (954) 978-6400  
 Fax: (954) 978-2233  
 Tel: (912) 238-5050  
 Fax: (912) 234-4815  
 Tel: (863) 285-8145  
 Fax: (863) 285-7030  
 Tel: (863) 763-3336  
 Fax: (863) 763-1544  
 Tel: (863) 686-4271

**CHAIN OF CUSTODY RECORD**  
 1460 W. McNab Road, Ft. Lauderdale, FL 33309  
 108 Airport Park Dr., Garden City, GA 31408  
 528 Gooch Rd., Fort Meade, FL 33841  
 610 Parrot Ave. N., Okeechobee, FL 34972  
 1111 E. Easton Drive, Lakeland, FL 33803

**WORK ORDER #**  
**21E0338**  
**RBG SVA**  
 Logged by: **WBP**  
 Meets 7501 Technology Road, WPB 32142  
 Doc. Ctrl: 0401120-003  
 Original-Return w/report

**Yellow-Lab File Copy**      **Pink - Sampler Copy**  
 Report to  
 Address:  
 Invoice to  
 Address:  
 Site  
 Location:  
 Fax:  
 Email:

Lab Control Number	Sample ID	Date Sampled	Time Sampled	Matrix		Bottle & Pres.	Number of Containers Received & NELAC Letter Suffixes #	Sampler Signature	Field Tests
				DW	SW				
01	CTMW-ZS	5/10/21	9:30	GW	TH	TH	9	<i>Manny Alvarez</i>	SEE FIELD SHEETS FOR FIELD PARAMETERS
02	CTMW-ZI	5/10/21	10:17	GW	TH	TH	9		
03	STSFblank 051021	5/10/21	11:00	DI	TH	TH	9		
04	CTMW-1S	5/10/21	11:40	GW	TH	TH	9		
05	CTMW-1I	5/10/21	12:20	GW	TH	TH	9		
06									
07	MTBlank cooler	5/10/21	023	0930	TH	TH	1		
08	VOC T Blanks cooler	5/10/21	023		TH	TH	1		
09	MTBlank cooler	5/10/21	009		TH	TH	1		
10	VOC T blanks cooler	5/10/21	009		TH	TH	1		
Special Comments: COOLERS # 023/009									

**Analysis Required**

See page 3  
 Letter of: MARCH 15, 2021

Signature: *Manny Alvarez*  
 Relinquished by: *Manny Alvarez* 5/10/21  
 Received by: *[Signature]* 5/10/21  
 Relinquished by: *[Signature]* 5/10/21  
 Received by: *[Signature]* 5/10/21  
 Relinquished by: *[Signature]* 5/10/21  
 Received by: *[Signature]* 5/10/21

Date/Time: 14:00

www.flenviro.com      COC Page 1 of 2

Sample Custody & Field Comments  
 A-litter amber B-Bacteria bag/bottle E-500 ml H-Plastic Amber Liter L-liter bottle S2-2 oz soil jar S4-4 oz soil jar / SS-8 oz soil jar T-250 ml V-40 ml vial W-wide mouth X-xother TED-Tedlar Air Bag

QA/QC Report Needed? Yes No (additional charge)

Preservatives: A-ascorbic acid C-HCL Cu-CuSO4 DI-DI water H-MNO3 H-MNOAB MeOH-Methanol Z-zinc acetate Additional Preservatives Hex-Hex Cr Buffer EDA-Ethylene Diamine

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## 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>PBCC03</b>	DATE: <b>5/10/21</b>
WELL NO: <b>CTMW- 2S</b>	Well Type: <b>Compliance</b>	Well Location: <b>West of retention Pond</b>	SITE LOCATION: <b>1810 Lantana Road, Lantana, FI</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>22.15</b>	Static Depth To Water (ft): <b>14.89</b>	Water Table Elevation NGVD (ft): <b>7.26</b>	Column Height (ft): <b>22.42</b>	Total Well Depth (ft): <b>37.31'</b>					
WELLDIAMETER (in): <b>2" PVC</b>		1-WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3X4</b>							
WELL CAPACITY (gal/ft): <b>0.16</b>		= (37.31 - 14.89 = 22.42) X 0.16 = <b>3.58</b> GALLONS <b>4</b>							
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>9:15</b>	PURGE ENDED AT: <b>9:28</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	0.92	15.01	6.79	26.1	386	0.39	11.6
1	4	8		15.01	6.92	26.2	391	0.33	8.21
1	4	12		15.01	6.93	26.2	392	0.29	6.40
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				—	6.93	26.2	392	0.29	6.40
Color: <b>SLIGHT YELLOW</b>	Odor: <b>NO</b>	Sheen: <b>NO</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>9:30</b>	SAMPLING ENDED AT: <b>9:35</b>	Weather: <b>SUNNY/HOT</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <input checked="" type="radio"/>				
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		<b>4.2</b>	Metals
2	HDPE		H2SO4			Ammonia
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Antonio Richards</b>			SAMPLER(S) SIGNATURE(S): <b>Manny Alvarez</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>PBCC04</b>	DATE: <b>5/10/21</b>
WELL NO: <b>CTMW-2I</b>	Well Type: <b>Compliance</b>	Well Location: West of retention Pond	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, FL</b>

### PURGING DATA

Top of Casing Elevation(ft): <b>22.10</b>	Static Depth To Water (ft): <b>14.86</b>	Water Table Elevation NGVD (ft): <b>7.24</b>	Column Height (ft): <b>57.79</b>	Total Well Depth (ft): <b>72.65'</b>					
WELLDIAMETER (in): <b>2" PVC</b>	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = <b>3 X 10</b>								
WELL CAPACITY (gal/ft): <b>0.16</b>	= (72.65 - <b>14.86</b> = <b>57.79</b> ) X <b>0.16</b> = <b>9.24</b> GALLONS <b>10</b>								
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>9:55</b>	PURGE ENDED AT: <b>10:14</b>	TOTAL VOL. PURGED (gal): <b>30</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)
<b>1</b>	<b>10</b>	<b>10</b>	<b>1.57</b>	<b>15.09</b>	<b>6.89</b>	<b>25.9</b>	<b>417</b>	<b>0.33</b>	<b>0.89</b>
<b>1</b>	<b>10</b>	<b>20</b>		<b>15.10</b>	<b>6.94</b>	<b>26.0</b>	<b>415</b>	<b>0.21</b>	<b>0.42</b>
<b>1</b>	<b>10</b>	<b>30</b>			<b>7.03</b>	<b>26.0</b>	<b>416</b>	<b>0.17</b>	<b>0.29</b>
				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
<b>FINAL FIELD VALUES →</b>				<b>—</b>	<b>7.03</b>	<b>26.0</b>	<b>416</b>	<b>0.17</b>	<b>0.29</b>
Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</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>10:17</b>	SAMPLING ENDED AT: <b>10:22</b>	Weather: <b>Sunny/HOT</b>		
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/>			
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	
				FINAL pH	
<b>1</b>	<b>HDPE</b>	<b>1- LITER</b>	<b>HNO3</b>		<b>Metals</b>
<b>2</b>	<b>HDPE</b>		<b>H2SO4</b>	<b>42</b>	<b>Ammonia</b>
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)					
SAMPLED BY (PRINT) <b>Manny Alvarez</b>				SAMPLER(S) SIGNATURE(S) <b>ANTONIO RICHARDS</b>	

# SOLID WASTE AUTHORITY DIVISION OF ENVIRONMENTAL PROGRAMS FIELD BLANK DATA SHEET

Sample Type: GRAB    COMPOSITE  
Site Identification: Central County Transfer Station

Date: 5/10/21

Sample I.D.    **CTSF BLANK051021**

Time: 11:00

Field blanks are collected in the field during the middle to the end of a sampling event by filling the sampling bottles directly from DI water obtained from the laboratory.

Notes and Comments  
**Sunny + Hot**

PH < 2.0  
in preservative

**SPECTRUM  
OI Water  
5/13/21**

Field Parameters		Units	Sample
Temperature	24.2	C	Appearance <b>Clear</b> <b>NO odor</b> <b>NO sheen</b>
Cond: X	<u>1.82</u>	uMHOS/cm	
	ATC		
PH	6.39	Std Units	
DO	7.62	Mg/L	
Turb	0.21	NTU	

Quantity	Size	Type	Preservative	Sample Container Inventory	Analysis

Sampled By: Manny Alvarez  
ANTONIO RICHARDS

Method of Shipment: SPECTRUM

# 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>PBCC01</b>	DATE: <b>5/10/21</b>
WELL NO: <b>CTMW-1S</b>	Well Type: <b>Compliance</b>	Well Location: North of retention Pond	SITE <b>1810 Lantana Road,</b> LOCATION: <b>Lantana, Fl</b>

## PURGING DATA

Top of Casing Elevation(ft): <b>22.27</b>	Static Depth To Water (ft): <b>15.03</b>	Water Table Elevation NGVD (ft): <b>7.24</b>	Column Height (ft): <b>21.57</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>3 x 4</b>							
WELL CAPACITY (gal/ft): <b>0.16</b>		= ( <b>36.60 - 15.03 = 21.57</b> ) X <b>0.16</b> = <b>3.45</b> <span style="float: right;"><b>GALLONS 4</b></span>							
PURGE METHOD: <b>Redi-flo</b>		PURGE INITIATED AT: <b>11:25</b>	PURGE ENDED AT: <b>11:36</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	1.09	15.18	7.07	27.2	228	0.68	0.64
1	4	8		15.18	7.14	27.4	233	0.49	0.70
1	4	12		15.18	7.13	27.4	235	0.37	0.67
FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				—	7.13	27.4	235	0.37	0.67
Color: <b>Slight yellow</b>	Odor: <b>NO</b>	Sheen: <b>NO</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>11:40</b>	SAMPLING ENDED AT: <b>11:46</b>	Weather: <b>Sunny + Hot</b>			
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: Y <input checked="" type="radio"/> N				
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>&lt;2</b>	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) <b>Manny Alvarez ANTONIO RICHARDS</b>			SAMPLER(S) SIGNATURE(S) <b>Muralduy</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>PBCC02</b>	DATE: <b>5/10/21</b>
WELL NO: <b>CTMW-1I</b>	Well Type: <b>Compliance</b>	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>15.09</b>	Water Table Elevation NGVD (ft): <b>7.22</b>	Column Height (ft): <b>54.21</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>3X9</b>			
WELL CAPACITY (gal/ft): <b>0.16</b>	= ( <b>69.30 - 15.09 = 54.21</b> ) X <b>0.16 = 8.67</b> <span style="float: right;"><b>GALLONS 9</b></span>			

PURGE METHOD: <b>Redi-flo</b>	PURGE INITIATED AT: <b>11:55</b>	PURGE ENDED AT: <b>12:16</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	1.28	15.54	6.92	27.9	507	0.93	4.60
1	9	10		15.54	6.97	27.8	508	0.50	2.07
1	9	27		15.54	7.09	27.8	508	0.29	1.06

FINAL FIELD VALUES →				ORP	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)
				—	7.09	27.8	508	0.29	1.06

Color: <b>SLIGHT YELLOW</b>	Odor: <b>NO</b>	Sheen: <b>NO</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>12:20</b>	SAMPLING ENDED AT: <b>12:26</b>	Weather: <b>Sunny/HOT</b>
FIELD DECONTAMINATION: <b>No</b>	FIELD-FILTERED: <b>No</b>	DUPLICATE: <b>Y</b> <input checked="" type="checkbox"/>	
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION	
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED
1	HDPE	1- LITER	HNO3
2	HDPE		H2SO4
			TOTAL VOLUME ADDED IN FIELD (mL)
			<b>42</b>
			FINAL pH
INTENDED ANALYSIS AND/OR METHOD			
Metals			
Ammonia			

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

SAMPLED BY (PRINT) <b>ANTONIO RICHARDS</b>	SAMPLER(S) SIGNATURE(S) <b>Manny Alvarez</b>	SAMPLER(S) SIGNATURE(S) <b>Manuel Duran</b>
-----------------------------------------------	-------------------------------------------------	------------------------------------------------