



NELAP Certificate No. E86006



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RECEIVED
MAY 27, 2022

Ground Water Monitoring Report

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

Date Received: 05/04/2022 15:10
Date Reported: 05/26/2022 13:35
Report Period: 2022Q2

Project Name: Central County Transfer Station MW's
Lab Work Order (COC): 22E0161

Laboratory Sample #

- 22E0161-01
- 22E0161-02
- 22E0161-03
- 22E0161-04
- 22E0161-05
- 22E0161-06
- 22E0161-07
- 22E0161-08

Client Sample #

- CTMW-4I
- CTMW-4S
- CTMW-3S
- CTMW-3I
- Metal Trip Blank 5422A
- VOC Trip Blank 5422A
- Metal Trip Blank 5422B
- VOC Trip Blank 5422B



Central County Transfer Station MW's

Lab ID: 22E0161-01
Sheen: No
Color: Light Yellow
Odor: No
Matrix: Groundwater

Diameter (in): 2
Depth to Water (ft): 13.74
Top of Casing (ft): 21.07
Total Depth (ft): 69.42

Parameter Monitoring Report

WACS Facility ID #: PBCC01 **Sampling Date/Time:** 05/04/22 11:00
WACS Test Site ID#: PBCC08 **Report Period:** 2022Q2
Well Name: CTMW-4I **Well Purge (Y/N):** Y
GW Classification: G-II **Well Type:** Background **Compliance (X)**
GW Elevation (NGVD): 7.33 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)	GRAB	N	FDEP SOP	05/04/2022 11:00	479 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen	GRAB	N	FDEP SOP	05/04/2022 11:00	0.12 mg/L		mg/L	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	05/04/2022 11:00	7.43 pH Units		pH Units	1
	Temperature (field)	GRAB	N	FDEP SOP	05/04/2022 11:00	22.7 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	05/04/2022 11:00	0.48 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	05/10/2022 11:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	05/06/2022 19:12	208 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	05/11/2022 14:59	0.173 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	05/05/2022 06:58	29.3 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	05/09/2022 14:08	33.2 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	05/05/2022 10:30	60/7.50 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	05/05/2022 16:30	0.0390 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	05/05/2022 06:58	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	05/04/2022 19:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	05/05/2022 06:58	14.8 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	05/11/2022 08:00	0.0500 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	05/12/2022 14:21	276 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	05/10/2022 13:39	0.440 mg/L I	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	05/05/2022 13:39	0.438 ug/L I	0.0672	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	05/05/2022 13:39	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	05/16/2022 10:12	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium	GRAB	N	EPA 6010/3010	05/05/2022 11:44	8.70 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	05/05/2022 11:44	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	05/05/2022 11:44	2.60 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	05/05/2022 11:44	500 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	05/05/2022 11:44	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	05/05/2022 11:44	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	05/05/2022 11:44	15.9 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-4I continued

Lab ID:

22E0161-01

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
VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)									
34506	1,1,1-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB	N	EPA 8260	05/05/2022 15:59	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB	N	EPA 8260	05/05/2022 15:59	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB	N	EPA 8260	05/05/2022 15:59	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB	N	EPA 8260	05/05/2022 15:59	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB	N	EPA 8260	05/05/2022 15:59	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB	N	EPA 8260	05/05/2022 15:59	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene	GRAB	N	EPA 8260	05/05/2022 15:59	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB	N	EPA 8260	05/05/2022 15:59	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB	N	EPA 8260	05/05/2022 15:59	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB	N	EPA 8260	05/05/2022 15:59	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-02

Diameter (in): 2
 Depth to Water (ft): 13.60
 Top of Casing (ft): 20.95
 Total Depth (ft): 32.45

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 05/04/22 11:25
 WACS Test Site ID#: PBCC07 Report Period: 2022Q2
 Well Name: CTMW-4S Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.35 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)	GRAB	N	FDEP SOP	05/04/2022 11:25	397 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen	GRAB	N	FDEP SOP	05/04/2022 11:25	0.18 mg/L		mg/L	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	05/04/2022 11:25	7.19 pH Units		pH Units	1
	Temperature (field)	GRAB	N	FDEP SOP	05/04/2022 11:25	26.2 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	05/04/2022 11:25	2.91 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	05/10/2022 11:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	05/06/2022 19:12	170 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	05/11/2022 14:59	0.157 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	05/05/2022 07:14	23.5 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	05/09/2022 14:08	45.1 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	05/05/2022 10:30	70/7.32 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	05/05/2022 16:30	0.0490 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	05/05/2022 07:14	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	05/04/2022 19:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	05/05/2022 07:14	12.8 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	05/11/2022 08:00	0.0230 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	05/12/2022 14:21	244 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	05/10/2022 13:39	0.481 mg/L I	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	05/05/2022 13:44	1.32 ug/L	0.0672	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	05/05/2022 13:44	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	05/16/2022 10:15	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium	GRAB	N	EPA 6010/3010	05/05/2022 11:48	12.1 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	05/05/2022 11:48	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	05/05/2022 11:48	3.70 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	05/05/2022 11:48	869 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	05/05/2022 11:48	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	05/05/2022 11:48	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	05/05/2022 11:48	12.3 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-4S continued

Lab ID:

22E0161-02

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
VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)									
34506	1,1,1-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB	N	EPA 8260	05/05/2022 16:25	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB	N	EPA 8260	05/05/2022 16:25	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB	N	EPA 8260	05/05/2022 16:25	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB	N	EPA 8260	05/05/2022 16:25	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB	N	EPA 8260	05/05/2022 16:25	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB	N	EPA 8260	05/05/2022 16:25	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene	GRAB	N	EPA 8260	05/05/2022 16:25	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB	N	EPA 8260	05/05/2022 16:25	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB	N	EPA 8260	05/05/2022 16:25	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB	N	EPA 8260	05/05/2022 16:25	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-03

Diameter (in): 2
 Depth to Water (ft): 15.81
 Top of Casing (ft): 23.35
 Total Depth (ft): 36.30

Sheen: No
 Color: Clear
 Odor: No
 Matrix: Groundwater

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 05/04/22 12:05
 WACS Test Site ID#: PBCC05 Report Period: 2022Q2
 Well Name: CTMW-3S Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.54 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)	GRAB	N	FDEP SOP	05/04/2022 12:05	253 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen	GRAB	N	FDEP SOP	05/04/2022 12:05	0.39 mg/L		mg/L	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	05/04/2022 12:05	7.63 pH Units		pH Units	1
	Temperature (field)	GRAB	N	FDEP SOP	05/04/2022 12:05	26.3 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	05/04/2022 12:05	0.37 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	05/10/2022 11:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	05/06/2022 19:12	81.5 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	05/11/2022 14:59	<0.00620 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	05/05/2022 07:31	18.3 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	05/09/2022 14:08	7.10 mg/L I	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	05/05/2022 10:30	5/7.84 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	05/05/2022 16:30	<0.0220 mg/L	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	05/05/2022 07:31	0.119 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	05/04/2022 19:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	05/05/2022 07:31	10.2 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	05/11/2022 08:00	0.00300 mg/L J3 I	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	05/12/2022 14:21	122 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	05/10/2022 13:39	<0.184 mg/L J3	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	05/05/2022 13:49	0.304 ug/L I	0.0672	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	05/05/2022 13:49	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	05/16/2022 10:17	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium	GRAB	N	EPA 6010/3010	05/05/2022 12:11	4.50 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	05/05/2022 12:11	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	05/05/2022 12:11	0.700 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	05/05/2022 12:11	18.5 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	05/05/2022 12:11	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	05/05/2022 12:11	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	05/05/2022 12:11	8.63 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-3S continued

Lab ID:

22E0161-03

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
VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)									
34506	1,1,1-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB	N	EPA 8260	05/05/2022 16:51	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB	N	EPA 8260	05/05/2022 16:51	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB	N	EPA 8260	05/05/2022 16:51	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB	N	EPA 8260	05/05/2022 16:51	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB	N	EPA 8260	05/05/2022 16:51	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB	N	EPA 8260	05/05/2022 16:51	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene	GRAB	N	EPA 8260	05/05/2022 16:51	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB	N	EPA 8260	05/05/2022 16:51	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB	N	EPA 8260	05/05/2022 16:51	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB	N	EPA 8260	05/05/2022 16:51	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-04

Diameter (in): 2
 Depth to Water (ft): 15.81
 Top of Casing (ft): 23.34
 Total Depth (ft): 72.46

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

Parameter Monitoring Report

WACS Facility ID #: PBCC01 Sampling Date/Time: 05/04/22 12:45
 WACS Test Site ID#: PBCC06 Report Period: 2022Q2
 Well Name: CTMW-3I Well Purge (Y/N): Y
 GW Classification: G-II Well Type: Background Compliance (X)
 GW Elevation (NGVD): 7.53 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)	GRAB	N	FDEP SOP	05/04/2022 12:45	487 uS/cm @ 25°C		uS/cm @ 25°C	1
	Dissolved Oxygen	GRAB	N	FDEP SOP	05/04/2022 12:45	0.19 mg/L		mg/L	1
00406	pH (Field) at 25°C	GRAB	N	FDEP SOP	05/04/2022 12:45	7.40 pH Units		pH Units	1
	Temperature (field)	GRAB	N	FDEP SOP	05/04/2022 12:45	26.3 °C		°C	1
	Turbidity (Field)	GRAB	N	FDEP SOP	05/04/2022 12:45	0.51 NTU		NTU	1

Classical Chemistry Parameters

	TRPH	GRAB	N	EPA 1664	05/10/2022 11:00	<1.39 mg/L	1.39	4.18 mg/L	1
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Wet Chemistry

	Total Alkalinity	GRAB	N	EPA 310.2	05/06/2022 19:12	201 mg/L	2.49	7.46 mg/L	1
00151	Ammonia as N	GRAB	N	EPA 350.1	05/11/2022 14:59	0.587 mg/L	0.00620	0.0200 mg/L	1
00940	Chloride	GRAB	N	EPA 300.0	05/05/2022 08:20	31.9 mg/L	0.126	0.500 mg/L	1
	Chemical Oxygen Demand	GRAB	N	EPA 410.4	05/09/2022 14:08	26.1 mg/L	2.54	10.0 mg/L	1
	Color	GRAB	N	SM 2120B	05/05/2022 10:30	50/7.63 Pt-Co	5.00	15.0 Pt-Co	1
	MBAS as LAS, mol wt. 340	GRAB	N	SM5540C	05/05/2022 16:30	0.0490 mg/L I	0.0220	0.100 mg/L	1
71851	Nitrate as N	GRAB	N	EPA 300.0	05/05/2022 08:20	<0.00720 mg/L	0.00720	0.0750 mg/L	1
	Odor at 60°C	GRAB	N	SM 2150B	05/04/2022 19:00	<1.00 T.O.N.	1.00	3.00 T.O.N.	1
00945	Sulfate	GRAB	N	EPA 300.0	05/05/2022 08:20	17.6 mg/L	0.0953	0.500 mg/L	1
	Sulfide	GRAB	N	SM 4500-S D	05/11/2022 08:00	0.0220 mg/L	0.00210	0.0100 mg/L	1
00134	Total Dissolved Solids	GRAB	N	SM 2540C	05/12/2022 14:21	280 mg/L	20.0	60.0 mg/L	2
81393	Total Kjeldahl Nitrogen	GRAB	N	EPA 351.2	05/10/2022 13:39	0.844 mg/L	0.184	0.552 mg/L	1

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB	N	EPA 200.8	05/05/2022 13:53	0.310 ug/L I	0.0672	0.500 ug/L	1
01042	Copper	GRAB	N	EPA 200.8	05/05/2022 13:53	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB	N	EPA 200.8	05/16/2022 10:20	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium	GRAB	N	EPA 6010/3010	05/05/2022 12:15	7.10 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB	N	EPA 6010/3010	05/05/2022 12:15	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB	N	EPA 6010/3010	05/05/2022 12:15	0.900 ug/L I	0.339	5.00 ug/L	1
01045	Iron	GRAB	N	EPA 6010/3010	05/05/2022 12:15	684 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB	N	EPA 6010/3010	05/05/2022 12:15	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB	N	EPA 6010/3010	05/05/2022 12:15	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB	N	EPA 6010/3010	05/05/2022 12:15	22.9 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-3I continued

Lab ID:

22E0161-04

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
VOC and Chlorinated Hydrocarbons by EPA 8260 (8021 Comp. List)									
34506	1,1,1-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB	N	EPA 8260	05/05/2022 17:17	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB	N	EPA 8260	05/05/2022 17:17	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB	N	EPA 8260	05/05/2022 17:17	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB	N	EPA 8260	05/05/2022 17:17	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB	N	EPA 8260	05/05/2022 17:17	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB	N	EPA 8260	05/05/2022 17:17	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.540 ug/L	0.540	1.62 ug/L	1
99352	Trichloroethene	GRAB	N	EPA 8260	05/05/2022 17:17	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB	N	EPA 8260	05/05/2022 17:17	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB	N	EPA 8260	05/05/2022 17:17	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB	N	EPA 8260	05/05/2022 17:17	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-05

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI Water

Parameter Monitoring Report

WACS Facility ID #:

Sampling Date/Time: 05/04/22 11:00

WACS Test Site ID#:

Report Period: 2022Q2

Well Name: Metal Trip Blank 5422A

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		Dil Factor
							MDL	PQL	

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic	GRAB		EPA 200.8	05/05/2022 13:58	<0.0672 ug/L	0.0672	0.500 ug/L	1
01042	Copper	GRAB		EPA 200.8	05/05/2022 13:58	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury	GRAB		EPA 200.8	05/16/2022 10:22	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium	GRAB		EPA 6010/3010	05/05/2022 12:18	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium	GRAB		EPA 6010/3010	05/05/2022 12:18	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium	GRAB		EPA 6010/3010	05/05/2022 12:18	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron	GRAB		EPA 6010/3010	05/05/2022 12:18	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead	GRAB		EPA 6010/3010	05/05/2022 12:18	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium	GRAB		EPA 6010/3010	05/05/2022 12:18	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium	GRAB		EPA 6010/3010	05/05/2022 12:18	<0.446 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-06

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI Water

Parameter Monitoring Report

WACS Facility ID #:

Sampling Date/Time: 05/04/22 11:00

WACS Test Site ID#:

Report Period: 2022Q2

Well Name: VOC Trip Blank 5422A

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	GRAB		EPA 8260	05/05/2022 14:41	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB		EPA 8260	05/05/2022 14:41	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB		EPA 8260	05/05/2022 14:41	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB		EPA 8260	05/05/2022 14:41	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB		EPA 8260	05/05/2022 14:41	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 14:41	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB		EPA 8260	05/05/2022 14:41	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB		EPA 8260	05/05/2022 14:41	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 14:41	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 14:41	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB		EPA 8260	05/05/2022 14:41	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB		EPA 8260	05/05/2022 14:41	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB		EPA 8260	05/05/2022 14:41	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB		EPA 8260	05/05/2022 14:41	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB		EPA 8260	05/05/2022 14:41	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB		EPA 8260	05/05/2022 14:41	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB		EPA 8260	05/05/2022 14:41	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB		EPA 8260	05/05/2022 14:41	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB		EPA 8260	05/05/2022 14:41	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB		EPA 8260	05/05/2022 14:41	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB		EPA 8260	05/05/2022 14:41	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB		EPA 8260	05/05/2022 14:41	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB		EPA 8260	05/05/2022 14:41	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB		EPA 8260	05/05/2022 14:41	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB		EPA 8260	05/05/2022 14:41	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB		EPA 8260	05/05/2022 14:41	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB		EPA 8260	05/05/2022 14:41	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB		EPA 8260	05/05/2022 14:41	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB		EPA 8260	05/05/2022 14:41	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB		EPA 8260	05/05/2022 14:41	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB		EPA 8260	05/05/2022 14:41	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB		EPA 8260	05/05/2022 14:41	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB		EPA 8260	05/05/2022 14:41	<0.540 ug/L	0.540	1.62 ug/L	1



Central County Transfer Station MW's

Client Sample # VOC Trip Blank 5422A continued

Lab ID: 22E0161-06

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)									
99352	Trichloroethene	GRAB		EPA 8260	05/05/2022 14:41	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB		EPA 8260	05/05/2022 14:41	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB		EPA 8260	05/05/2022 14:41	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB		EPA 8260	05/05/2022 14:41	<0.122 ug/L	0.122	0.500 ug/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-07

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI Water

Parameter Monitoring Report

WACS Facility ID #:

Sampling Date/Time: 05/04/22 12:45

WACS Test Site ID#:

Report Period: 2022Q2

Well Name: Metal Trip Blank 5422B

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		Dil Factor
							MDL	PQL	

Total Recoverable Metals by EPA 200 Series Methods

01002	Arsenic			EPA 200.8	05/05/2022 14:02	<0.0672 ug/L	0.0672	0.500 ug/L	1
01042	Copper			EPA 200.8	05/05/2022 14:02	<1.01 ug/L	1.01	4.00 ug/L	1
71900	Mercury			EPA 200.8	05/16/2022 10:35	<0.0116 ug/L	0.0116	0.100 ug/L	1

Metals by EPA 6000/7000 Series Methods

01007	Barium			EPA 6010/3010	05/05/2022 12:22	<0.0728 ug/L	0.0728	1.00 ug/L	1
01027	Cadmium			EPA 6010/3010	05/05/2022 12:22	<0.181 ug/L	0.181	1.00 ug/L	1
01034	Chromium			EPA 6010/3010	05/05/2022 12:22	<0.339 ug/L	0.339	5.00 ug/L	1
01045	Iron			EPA 6010/3010	05/05/2022 12:22	<1.09 ug/L	1.09	10.0 ug/L	1
01051	Lead			EPA 6010/3010	05/05/2022 12:22	<1.19 ug/L	1.19	10.0 ug/L	1
01147	Selenium			EPA 6010/3010	05/05/2022 12:22	<3.46 ug/L	3.46	15.0 ug/L	1
00934	Sodium			EPA 6010/3010	05/05/2022 12:22	<0.446 mg/L	0.446	2.00 mg/L	1



Central County Transfer Station MW's

Lab ID: 22E0161-08

Diameter (in):

Sheen:

Depth to Water (ft):

Color:

Top of Casing (ft):

Odor:

Total Depth (ft):

Matrix: DI Water

Parameter Monitoring Report

WACS Facility ID #:

Sampling Date/Time: 05/04/22 12:45

WACS Test Site ID#:

Report Period: 2022Q2

Well Name:

VOC Trip Blank 5422B

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		Dil Factor
							MDL	PQL	

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

34506	1,1,1-Trichloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.105 ug/L	0.105	0.314 ug/L	1
34516	1,1,2,2-Tetrachloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.128 ug/L	0.128	0.385 ug/L	1
34511	1,1,2-Trichloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.130 ug/L	0.130	0.340 ug/L	1
34496	1,1-Dichloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.129 ug/L	0.129	0.388 ug/L	1
34501	1,1-Dichloroethene	GRAB		EPA 8260	05/05/2022 15:07	<0.106 ug/L	0.106	0.319 ug/L	1
34536	1,2-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 15:07	<0.108 ug/L	0.108	0.325 ug/L	1
32103	1,2-Dichloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.103 ug/L	0.103	0.310 ug/L	1
34541	1,2-Dichloropropane	GRAB		EPA 8260	05/05/2022 15:07	<0.132 ug/L	0.132	0.395 ug/L	1
34566	1,3-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 15:07	<0.0969 ug/L	0.0969	0.291 ug/L	1
34571	1,4-Dichlorobenzene	GRAB		EPA 8260	05/05/2022 15:07	<0.0943 ug/L	0.0943	0.283 ug/L	1
34546	2-Chloroethyl vinyl ether	GRAB		EPA 8260	05/05/2022 15:07	<1.86 ug/L	1.86	5.57 ug/L	1
34030	Benzene	GRAB		EPA 8260	05/05/2022 15:07	<0.0716 ug/L	0.0716	0.250 ug/L	1
32101	Bromodichloromethane	GRAB		EPA 8260	05/05/2022 15:07	<0.236 ug/L	0.236	0.707 ug/L	1
32104	Bromoform	GRAB		EPA 8260	05/05/2022 15:07	<0.291 ug/L	0.291	0.872 ug/L	1
34413	Bromomethane	GRAB		EPA 8260	05/05/2022 15:07	<0.306 ug/L	0.306	0.918 ug/L	1
32102	Carbon Tetrachloride	GRAB		EPA 8260	05/05/2022 15:07	<0.328 ug/L	0.328	0.984 ug/L	1
34301	Chlorobenzene	GRAB		EPA 8260	05/05/2022 15:07	<0.0807 ug/L	0.0807	0.250 ug/L	1
34311	Chloroethane	GRAB		EPA 8260	05/05/2022 15:07	<0.241 ug/L	0.241	0.723 ug/L	1
32106	Chloroform	GRAB		EPA 8260	05/05/2022 15:07	<0.176 ug/L	0.176	0.528 ug/L	1
30071	Chloromethane	GRAB		EPA 8260	05/05/2022 15:07	<0.463 ug/L	0.463	1.39 ug/L	1
45617	cis-1,2-Dichloroethene	GRAB		EPA 8260	05/05/2022 15:07	<0.0997 ug/L	0.0997	0.299 ug/L	1
34702	cis-1,3-Dichloropropene	GRAB		EPA 8260	05/05/2022 15:07	<0.239 ug/L	0.239	0.718 ug/L	1
04603	Dibromochloromethane	GRAB		EPA 8260	05/05/2022 15:07	<0.179 ug/L	0.179	0.537 ug/L	1
34334	Dichlorodifluoromethane	GRAB		EPA 8260	05/05/2022 15:07	<0.150 ug/L	0.150	0.451 ug/L	1
	Ethylbenzene	GRAB		EPA 8260	05/05/2022 15:07	<0.0737 ug/L	0.0737	0.250 ug/L	1
04407	m,p-Xylene	GRAB		EPA 8260	05/05/2022 15:07	<0.122 ug/L	0.122	0.500 ug/L	1
34423	Methylene Chloride	GRAB		EPA 8260	05/05/2022 15:07	<0.212 ug/L	0.212	1.00 ug/L	1
04421	Methyl-tert-butyl ether	GRAB		EPA 8260	05/05/2022 15:07	<0.280 ug/L	0.280	0.841 ug/L	1
04408	o-Xylene	GRAB		EPA 8260	05/05/2022 15:07	<0.152 ug/L	0.152	0.456 ug/L	1
99351	Tetrachloroethene	GRAB		EPA 8260	05/05/2022 15:07	<0.101 ug/L	0.101	0.304 ug/L	1
34010	Toluene	GRAB		EPA 8260	05/05/2022 15:07	<0.179 ug/L	0.179	0.537 ug/L	1
99359	trans-1,2-Dichloroethene	GRAB		EPA 8260	05/05/2022 15:07	<0.125 ug/L	0.125	0.374 ug/L	1
34697	trans-1,3-Dichloropropene	GRAB		EPA 8260	05/05/2022 15:07	<0.540 ug/L	0.540	1.62 ug/L	1



Central County Transfer Station MW's

Client Sample # VOC Trip Blank 5422B continued

Lab ID:

22E0161-08

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)

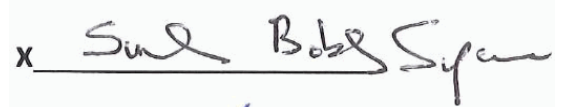
99352	Trichloroethene	GRAB		EPA 8260	05/05/2022 15:07	<0.113 ug/L	0.113	0.340 ug/L	1
04590	Trichlorofluoromethane	GRAB		EPA 8260	05/05/2022 15:07	<0.162 ug/L	0.162	0.485 ug/L	1
04593	Vinyl chloride	GRAB		EPA 8260	05/05/2022 15:07	<0.221 ug/L	0.221	0.664 ug/L	1
99371	Xylenes, total	GRAB		EPA 8260	05/05/2022 15:07	<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 ≥ 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 "-".

WORK ORDER #

02E011



Doc. Crt. 0401120-003
Date: 10/19/2020
7501 N. Jog Road, WPB, FL 33412

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., Okaloosa, FL 32457
- 11 E. Easton Drive, Lakeland, FL 33803

Tel: (954) 978-6400
Tel: (912) 238-5050
Tel: (863) 285-8145
Tel: (863) 763-3336
Tel: (863) 686-4271

COC# A 08286

Original-Return w/report

Yellow-Lab File Copy

Pink - Sampler Copy

RUSH RESERVATION #

Rush Surcharges apply

DUE DATE Requested

Report to: **Contact: Managing Hydrogeologist**

Invoice to: **phone: 561 640-4000**

Purchase Order #

Report to Address:

Invoice to Address:

Site Location:

Report to Address:

Invoice to Address:

Site Location:

Report to Address:

Project Name: **Antonio Richards**

Project Number: **Central County Transfer Station Monitoring Wells**

Project Contact: **Manny Alvarez**

Project Affiliation:

Project Phone:

Project Fax:

Project Email:

Project Signature: *Manny Alvarez*

Project Date:

Project Time:

Project Matrix:

Project Bottle & Pres.:

Project Combo Codes:

Project Number of Containers Received & NELAC Letter Surfaces A-?

Project See page 3

Project Date: March 15, 2022

Project Temperature:

Project PH:

Project COND:

Project CHLOR:

Project Analysis Required

Project Signature

Project Date

Project Time

Project Matrix

Project Bottle & Pres.

Project Combo Codes

Project Number of Containers Received & NELAC Letter Surfaces A-?

Project See page 3

Project Date: March 15, 2022

Project Temperature

Project PH

Project COND

Project CHLOR

Project Analysis Required

Project Signature

Project Date

Project Time

Project Matrix

Project Bottle & Pres.

Project Combo Codes

Project Number of Containers Received & NELAC Letter Surfaces A-?

Project See page 3

Project Date: March 15, 2022

Project Temperature

Project PH

Project COND

Project CHLOR

Project Analysis Required

Project Signature

Project Date

Project Time

Project Matrix

Project Bottle & Pres.

Project Combo Codes

Project Number of Containers Received & NELAC Letter Surfaces A-?

Project See page 3

ORDER #	Lab Control Number	Shaded Areas For Laboratory Use Only	Sample ID	Date Sampled	Time Sampled	Matrix	Bottle & Pres.	Combo Codes	Number of Containers Received & NELAC Letter Surfaces A-?	See page	Date	Temperature	PH	COND	CHLOR
1			01	CTMW-4I	5/4/22	11:00	GW		9	3	March 15, 2022				
2			02	CTMW-4S	5/4/22	11:25	GW		9						
3			03	CTMW-3S	5/4/22	12:05	GW		9						
4			04	CTMW-3I	5/4/22	12:45	GW		9						
5															
6															
7			05	META TRIP BLANK	5/4/22	11:00	DI		1						
8			06	VOC TRIP BLANK	5/4/22	11:00	DI		1						
9			07	META TRIP BLANK	5/4/22	12:45	DI		1						
10			08	VOC TRIP BLANK	5/4/22	12:45	DI		1						

Special Comments: Cooler # 001, 010

'I waive TNI protocol' (emergency) (sign here) >

Deliverables: QA/QC Report Needed? Yes No

SPF FIELD SHEETS

FIELD PARAMETERS

Additional Preservatives

Hex-Hex Cr Butir

EPA-Ethylene Diamine

Signature: Manny Alvarez

Affiliation: 5/4/22

Date/Time: 13:48

Received by: Manny Alvarez

Received by: Manny Alvarez

Received on Ice: Y N 9:28

Temp as received: Y N

Custody seals? Y N

RAD-9: GUN-1

FIELD TIME

Sampling: _____ hrs Pick Up: _____ hrs

Misc. Charges: _____

Bottle Type: A-Filter amber, B-Bacteria bag/bottle, E-500 ml, H-Plastic Amber Liter, L-Filter bottle, S2-2 oz soil jar, S4-4 oz soil jar, T-250 ml, V-40 ml vial, W-void mouth, X-odor

Matrix: DW SW, GW WW, S SED, HW BIO, SEA OIL, X AIR

Combo Codes: #

Number of Containers Received & NELAC Letter Surfaces A-?: 3

See page 3

Date: March 15, 2022

Temperature: _____ °C

PH: _____

COND: _____

CHLOR: _____

Analysis Required

Signature: Manny Alvarez

Affiliation: 5/4/22

Date/Time: 13:48

Received by: Manny Alvarez

Received by: Manny Alvarez

www.flenviro.com

COC Page 1 of 2

02 E0161

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

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

Parameters (Matrix: Ground Water)

A. Metals

Arsenic	Chromium	Lead	Sodium
Barium	Copper	Mercury	Selenium
Cadmium	Iron		

B. Indicator Parameters

Total Ammonia	Foaming Agents (MBAS)	Nitrate
Total Alkalinity	Sulfide	Odor
COD	TKN	Sulfate
Color	TDS	
Chloride	TRPH (Total Recoverable Petroleum Hydrocarbons)	

C. Annual Parameters

EPA Method 8021 (Volatile Organic Compounds & Chlorinated Hydrocarbons)

D. Field Parameters

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

E. Well Information (field)

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

Page 2 of 2

COC # 08286

Dated: 05/04/22

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC08	DATE: 05/04/2022
WELL NO: CTMW-4I	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE 1810 Lantana Road, LOCATION: Lantana, FI

PURGING DATA

Top of Casing Elevation(ft): 21.07	Static Depth To Water (ft): 13.74	Water Table Elevation NGVD (ft): 7.33	Column Height (ft): 55.68	Total Well Depth (ft): 69.42'						
WELLDIAMETER (in): 2" PVC		1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 x 9								
WELL CAPACITY (gal/ft): 0.16		= (69.42' - 13.74 = 55.68) X 0.16 = 8.90 GALLONS 9								
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 10:30	PURGE ENDED AT: 10:53	TOTAL VOL. PURGED (gal): 27						
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	1.17	14.05	7.45	27.2	479	0.21	0.86	
1	9	18		14.05	7.42	27.2	479	0.12	0.57	
1	9	27		14.05	7.43	22.7	479	0.12	0.48	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					7.43	22.7	479	0.12	0.48	
Color: Light yellow	Odor: NO	Sheen: NO	Comments: Voc Trip Blank 5422 A Metal Trip Blank 5422 A				Cooler # 010			
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): Redi-flo Pump	SAMPLING INITIATED AT: 11:00	SAMPLING ENDED AT: 11:05	Weather: Sunny + warm				
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y 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		HNO3	None		22.0	Metals
2	HDPE		H2SO4	None		22.0	Ammonia
3	HDPE		ZN ACETATE	None		79.0	Sulfide
4	AG		H2SO4	None	22.0	TRPH, OIL AND GREASE	
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)							
SAMPLED BY (PRINT) Antonio RICHARDS			SAMPLER(S) SIGNATURE(S) <i>[Signature]</i>				
Manny Alvarez							


Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC07	DATE: 05/04/2022
WELL NO: CTMW- 4S	Well Type: Compliance	Well Location: Park on Hillside Drive	SITE 1810 Lantana Road, LOCATION: Lantana, FL

PURGING DATA

Top of Casing Elevation(ft): 20.95	Static Depth To Water (ft): 13.60	Water Table Elevation NGVD (ft): MA 13.735	Column Height (ft): 18.85	Total Well Depth (ft): 32.45'						
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 X 4									
WELL CAPACITY (gal/ft): 0.16	= (32.45' - 13.60 = 18.85) X 0.16 = 3.01 GALLONS 4									
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:10	PURGE ENDED AT: MA 10:11:23	TOTAL VOL. PURGED (gal): 12						
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	13.75	7.25	26.6	404	0.31	6.10	
1	4	8		13.75	7.22	26.6	398	0.21	3.89	
1	4	12		13.75	7.19	26.6	397	0.18	2.91	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					7.19	26.2	397	0.18	2.91	
Color: Light yellow	Odor: NO	Sheen: NO	Comments: Voc Trip Blank 5422 A Metal Trip Blank 5422 A				Cooler # 010			
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): Redi-flo Pump	SAMPLING INITIATED AT: 11:25	SAMPLING ENDED AT: 11:30	Weather: Sunny + warm			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	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		HNO3	None	2.0	Metals
2	HDPE		H2SO4	None	2.0	Ammonia
3	HDPE		ZN ACETATE	None	7.0	Sulfide
4	AG		H2SO4	None	2.0	TRPH, OIL AND GREASE
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) Antonio Richards			SAMPLER(S) SIGNATURE(S) 			
Manny Alvarez						

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC05	DATE: 05/04/2022
WELL NO: CTMW- 3S	Well Type: Compliance	Well Location: South of retention Pond	SITE 1810 Lantana Road, LOCATION: Lantana, Fl

PURGING DATA

Top of Casing Elevation(ft): 23.35	Static Depth To Water (ft): 15.81	Water Table Elevation NGVD (ft): 7.54	Column Height (ft): 20.49	Total Well Depth (ft): 36.30'						
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 X 4									
WELL CAPACITY (gal/ft): 0.16	= (36.30 - 15.81 = 20.49) X 0.16 = 3.27 GALLONS 4									
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 11:50	PURGE ENDED AT: 12:02	TOTAL VOL. PURGED (gal): 12						
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	1.0	15.97	7.63	26.4	259	0.51	1.22	
1	4	8		15.97	7.70	26.3	252	0.46	0.61	
1	4	12		15.97	7.63	26.3	253	0.39	0.37	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					7.63	26.3	253	0.39	0.37	
Color: Clear	Odor: NO	Sheen: NO	Comments: Voc Trip Blank 5422 A Metal Trip Blank 5422 A				Cooler # 010			
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): Redi-flo Pump	SAMPLING INITIATED AT: 12:05	SAMPLING ENDED AT: 12:10	Weather: Sunny + Hot			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	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		HNO3	NONE	7.0	Metals
2	HDPE		H2SO4	NONE	7.0	Ammonia
3	HDPE		ZN ACETATE	NONE	7.0	Sulfide
4	AG		H2SO4	NONE	7.0	TRPH, OIL AND GREASE
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT)			SAMPLER(S) SIGNATURE(S)			
Manny Alvarez			ANTONIO RICHARDS			

Solid Waste Authority of Palm Beach County GROUNDWATER SAMPLING LOG

SITE NAME: Central County Transfer Station		WACS Facility ID: PBCC01 WACS Test Site ID: PBCC06	DATE: 05/04/2022
WELL NO: CTMW-3I	Well Type: Compliance	Well Location: South of retention Pond	SITE 1810 Lantana Road, LOCATION: Lantana, FI

PURGING DATA

Top of Casing Elevation(ft): 23.34	Static Depth To Water (ft): 15.81	Water Table Elevation NGVD (ft): 7.53	Column Height (ft): 56.65	Total Well Depth (ft): 72.46'						
WELLDIAMETER (in): 2" PVC	1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY = 3 X 10									
WELL CAPACITY (gal/ft): 0.16	= (72.46' - 15.81 = 56.65) X 0.16 = 9.06 GALLONS/0									
PURGE METHOD: Redi-flo		PURGE INITIATED AT: 12:15	PURGE ENDED AT: 12:39	TOTAL VOL. PURGED (gal): 30						
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	10	10	1.25	15.95	7.49	26.3	480	0.42	3.45	
1	10	20		15.95	7.43	26.2	487	0.27	1.17	
1	10	30		15.95	7.40	26.3	487	0.19	0.51	
							MA 487	MA 0.19	MA 0.51	
FINAL FIELD VALUES →					pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	
					7.40	26.3	487	0.19	0.51	
Color: Slight yellow	Odor: NO	Sheen: NO	Comments: Voc Trip Blank 5422 B Metal Trip Blank 5422 B				Cooler # 001			
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): Redi-flo Pump	SAMPLING INITIATED AT: 12:45	SAMPLING ENDED AT: 12:50	Weather: Sunny + Hot			
FIELD DECONTAMINATION: No	FIELD-FILTERED: No	DUPLICATE: Y (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		HNO3	None	22.0	Metals
2	HDPE		H2SO4	None	22.0	Ammonia
3	HDPE		ZN ACETATE	None	79.0	Sulfide
4	AG		H2SO4	None	22.0	TRPH, OIL AND GREASE
MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)						
SAMPLED BY (PRINT) ANTONIO RICHARDS			SAMPLER(S) SIGNATURE(S)		Page 22 of 22	
<i>Antonio Richards</i>			<i>[Signature]</i>			